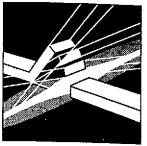


Nockenschalter T
Cam Switches T
Commutateurs à cames T

EATON

Powering Business Worldwide





Nockenschalter

können für vielfältige Schalt- und Steuerungsaufgaben eingesetzt werden. Sie sind zum Schalten von Motoren, Elektro- wärmegegeräten und Beleuchtung ebenso gut geeignet wie für Steuerstromkreise.

In diesem Katalog sind 800 Standardschaltungen für den Einsatz von Nockenschaltern zusammengestellt. Suchen Sie für eine vorhandene Schaltung einen passenden Schalter, finden Sie ihn in **Teil 1** am schnellsten. Hier sind die Schalter nach Zahl der Schaltstellungen, Zahl der Kontakte und dem Frontschild sortiert. Grundlage für die Planung und Ausführung Ihrer Anwendung ist die in **Teil 2+3** enthaltene umfangreiche Bibliothek von Standardschaltungen. Die Auswahl erfolgt in diesem Teil nach Verwendungszweck und Betriebsleistung bzw. Dauerstrom des Schalters. Das umfangreiche **Bauform-Zubehör** und die **Zusatzausrüstung** zur Komplettierung des Schalters für den speziellen Anwendungszweck befindet sich im Hauptkatalog (HPL). Einen Überblick über die Ergänzungsmöglichkeiten vermitteln Ihnen die Übersichten auf den nächsten Seiten. Die aktuellen **Technischen Daten** und die **Abmessungen** sind ebenfalls im gültigen Hauptkatalog zusammengestellt.

Die **Preise** zu den in diesem Katalog enthaltenen Standardschaltern sind im **Preisblatt XK 115** alphanumerisch aufgelistet. Kann Ihre Anwendung nicht mit einem Standardschalter ausgestattet werden oder benötigen Sie ein Frontschild mit individueller Beschriftung, so finden Sie am Ende dieses Kataloges Bestellformulare, mit denen Sie Nockenschalter nach Ihren ganz speziellen Wünschen anfordern können.

Rotary switches

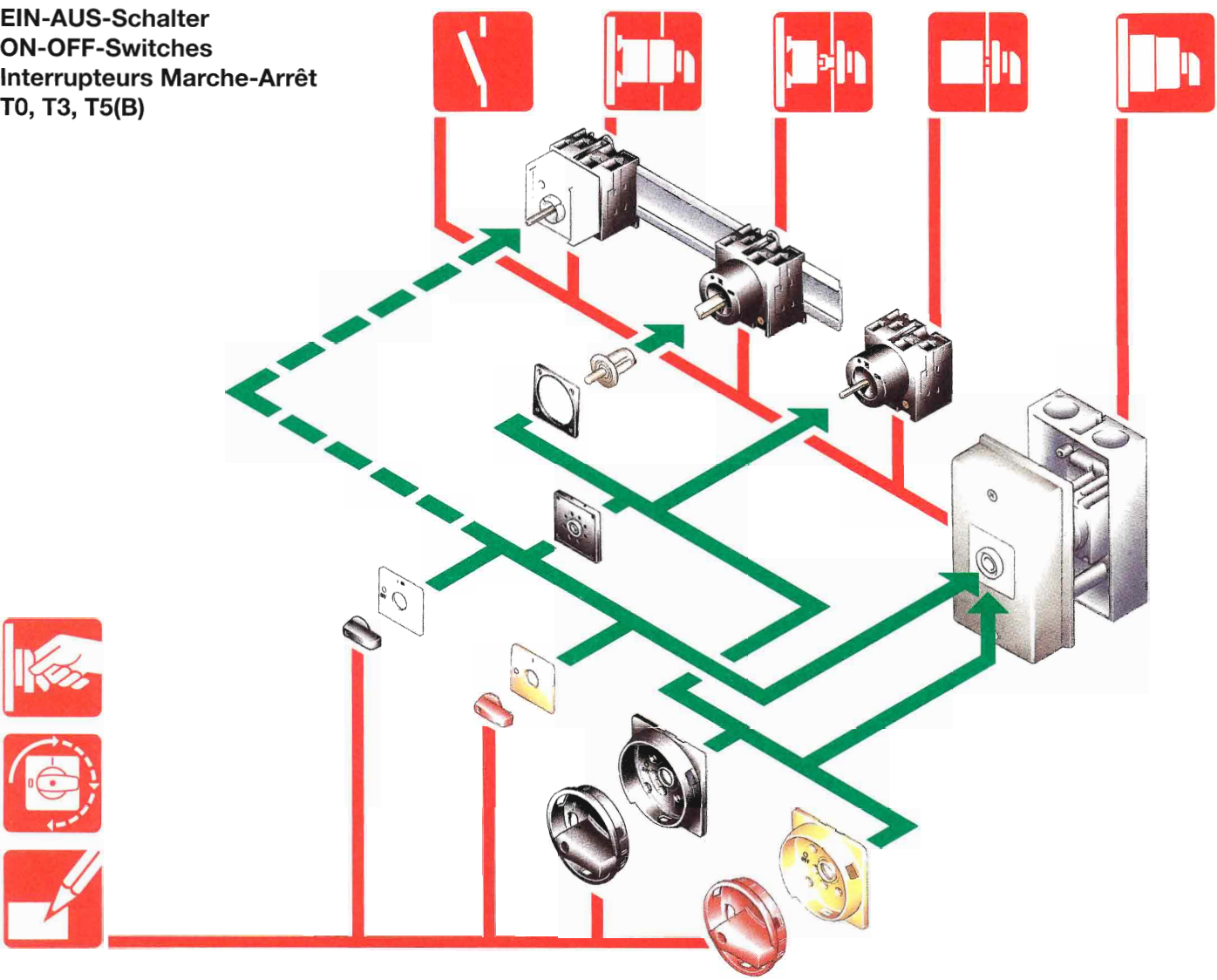
can be used for a wide range of switching and control functions. They are just as suitable for switching motors, electric heating appliances and lighting as they are for control circuits. This catalogue contains 800 standard contact sequences for the use of rotary cam switches. Use **Section 1** to find a suitable switch for the contact sequence shown. This section shows the switches according to the number of switch positions, number of contacts and front plate type. **Section 2+3** contains a comprehensive list of standard contact sequences that you can use as a basis for planning and implementing your application. Make your selection in this part according to the application, the operating rating and uninterrupted current rating of the switch. The extensive **Mounting accessories** and other **Accessories** are listed in the Main Catalogue (HPL), completing the range of switches for special applications. The following pages provide an overview of the possible extensions. The current **Technical data** and **Dimensions** can also be found in the Main Catalogue. The **Prices** of the standard switches contained in this catalogue are listed alphanumerically in the **Price List XK 115**. If your application cannot be fitted with a standard switch, order forms are provided at the back of this catalogue for ordering rotary switches to meet your particular requirements.

Commutateurs à cames

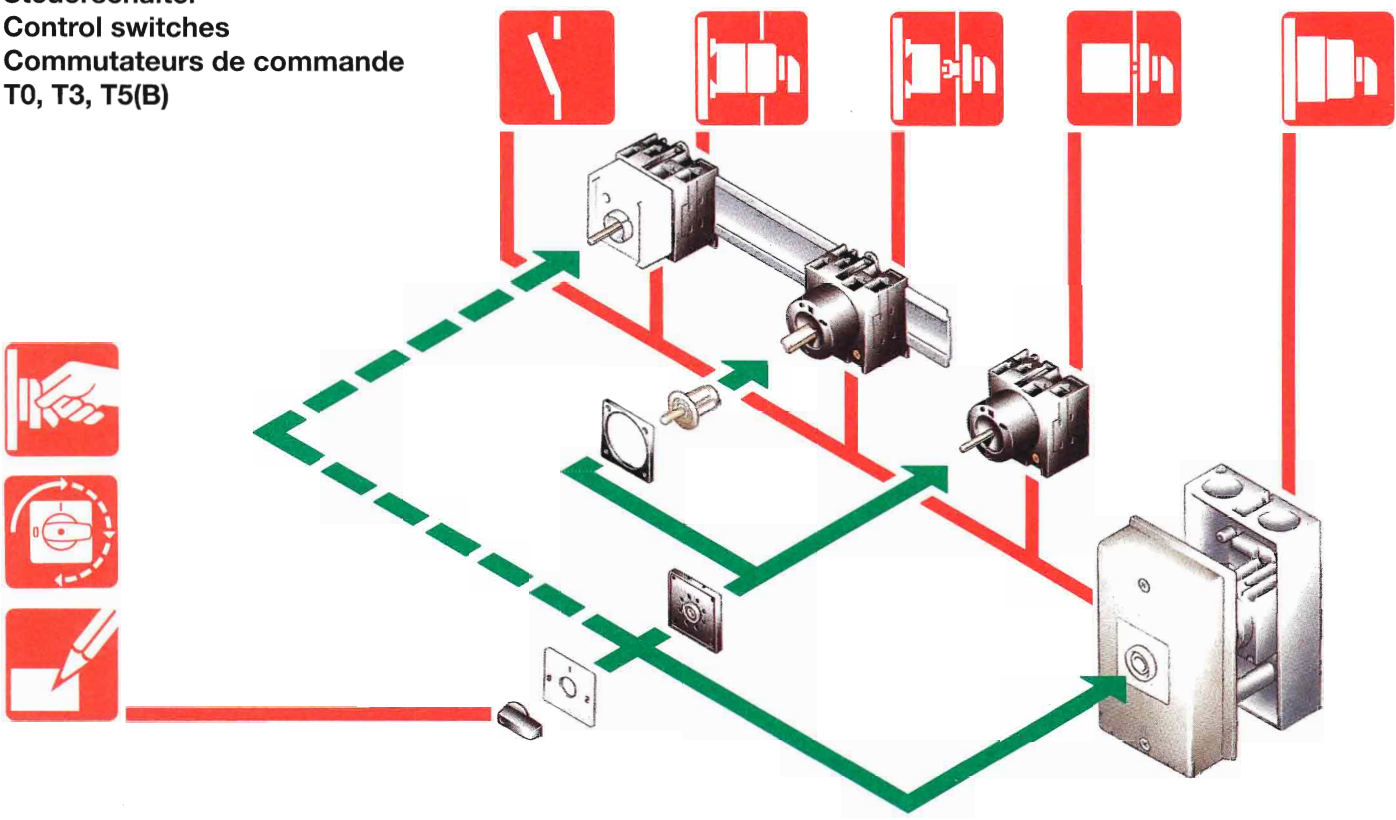
Les commutateurs à cames servent à de multiples tâches de commutation et de commande. Ils s'utilisent aussi bien dans les circuits de puissance pour la commande des moteurs, des appareils électrothermiques et de l'éclairage que dans les circuits de commande. Ce catalogue rassemble 800 schémas standards de commutateurs à cames. Si vous recherchez un commutateur pour un schéma donné, vous le trouverez plus rapidement dans la **partie 1**. Les commutateurs y sont classés selon leur nombre de positions, leur nombre de contacts et leur plastron. La **partie 2+3** contient une vaste bibliothèque de schémas standards qui servira de base à votre étude. Le choix des appareils s'effectue ici en fonction de l'application et de la puissance d'emploi ou du courant ininterrompu des commutateurs. Les nombreux **accessoires de montage** et les **équipements complémentaires** destinés aux applications spéciales figurent dans le Catalogue Général (HPL). Les pages suivantes vous donnent un aperçu des possibilités d'adjonction d'accessoires sur les commutateurs. Pour connaître les **caractéristiques techniques** et les **encombrements** des commutateurs à cames, reportez-vous au Catalogue Général. Le prix des commutateurs standards contenus dans ce catalogue figure dans la **liste de prix XK 115** (les appareils y sont classés par ordre alpha numérique). Si aucun commutateur à cames standard ne convient à votre application ou si vous avez besoin d'un plastron avec une inscription spéciale, vous trouverez à la fin de ce catalogue des formulaires qui vous permettront de commander les commutateurs souhaités.

Inhalt	Table of contents	Table des matières	
Übersicht	Overview	Vue d'ensemble	0/02
Typenschlüssel	Key to type reference	Signification des références	0/06
Teil 1 Steuerschalter	Part 1 Control switches	Partie 1 Commutateurs de commande	
nach Schaltstellungen und Kontaktzahl	by positions and contacts	classés par nombre de positions et de contacts	1/01
Teil 2 Standardschaltungen	Part 2 Standard contact sequences	Partie 2 Schémas standards	
nach Verwendungszweck	by application	classés par type d'application	
Baugröße T0, T3 bis $I_u = 32\text{ A}$	Switch size T0, T3 up to $I_u = 32\text{ A}$	Modèle T0, T3 jusqu'à $I_u = 32\text{ A}$	2/01
Teil 3 Standardschaltungen	Part 3 Standard contact sequences	Partie 3 Schémas standards	
nach Verwendungszweck	by application	classés par type d'application	
Baugröße T5B, T5 bis $I_u = 100\text{ A}$	Switch size T5B, T5 up to $I_u = 100\text{ A}$	Modèle T5B, T5 jusqu'à $I_u = 100\text{ A}$	3/01
Teil 4 Anhang	Part 4 Appendix	Partie 4 Annexes	4/01

EIN-AUS-Schalter
ON-OFF-Switches
Interrupteurs Marche-Arrêt
T0, T3, T5(B)



Steuerschalter
Control switches
Commutateurs de commande
T0, T3, T5(B)





Aufbau (.../I)

- IP 65 total isoliert
- Isolierte N- und PE-Klemme
- Gehäuse für metrische Kabeleinführungen auf Anfrage

Surface mounting (.../I)

- IP 65 totally insulated
- Insulated N terminal and PE terminal
- Enclosure for metric cable entry: please enquire

En saillie (.../I)

- IP 65 à isolation totale
- Bornes N et PE isolées
- Boîtiers pour entrées de câbles métriques sur demande

Aufbau-Hauptschalter (.../I/SVB)

- IP 65 (.../CI 19: IP 55) total isoliert
- nach IEC 204/DIN VDE 0113 und IEC 947/EN 60 947
- 0-Stellung mit 3 Vorhänge-schlössern abschließbar

Surface mounting main switches (.../I/SVB)

- IP 65 (.../CI 19: IP 55) totally insulated
- to IEC 204/EN 60 204 and IEC 947/EN 60 947
- Lockable in 0 (OFF) position using three padlocks

Interrupteur général en saillie (.../I/SVB)

- IP 65 (.../CI 19: IP 55) à isolation totale
- Conforme à IEC 204/EN 60 204 et IEC 947/EN 60 947
- Position «0» condamnable par 3 cadenas



Einbau (.../E)

- Front IP 65
- Einbau und Anschluß von hinten
- Anschlußklemme: Kreuzschlitzschraube „Pozidriv“
- Finger- und Handrücksicherheits

Flush mounting (.../E)

- Front protected to IP 65
- Fitting and connection from rear
- Terminal: “Pozidriv” plus-minus screw
- Finger- and back-of-hand proof

Encastré (.../E)

- Face avant IP 65
- Montage et raccordement par l'arrière
- Bornes de raccordement à vis cruziforme type «Pozidriv»
- Protégé contre les contacts avec les doigts et le dos de la main

Einbau-Hauptschalter (.../EA/SVB)

- Front IP 55
- nach IEC 204/DIN VDE 0113 und IEC 947/EN 60 947
- N- und PE-Klemme

Flush mounting main switches (.../EA/SVB)

- Front protected to IP 55
- to IEC 204/EN 60 204 and IEC 947/EN 60 947
- N terminal and PE terminal

Interrupteur général encastré (.../EA/SVB)

- Face avant IP 55
- Conforme à IEC 204/EN 60 204 et IEC 947/EN 60 947
- Bornes N et PE



Zentraleinbau (.../EZ)

- Front IP 55
- Montage in Normbohrung 22,5 mm
- „Ein-Mann-Montage“ durch Zentralbefestigung

Centre mounting (.../EZ)

- Front protected to IP 55
- Mounting in standard aperture 22,5 mm diameter
- Centre fixing permits easy fitting

Encastré avec fixation centrale (.../EZ)

- Face avant IP 55
- Montage en perçage normalisé de 22,5 mm
- Montage facile grâce à la fixation centrale



Zwischenbau (.../Z)

- Front IP 65
- Befestigung durch Aufschnappen oder Schraubbefestigung (T0, T3)
- Schnappbefestigung auf Hutschiene EN 50 022-35
- Kupplungsantrieb in Tür oder Deckel
- Anschluß von vorne

Rear mounting (.../Z)

- Front protected to IP 65
- Secure by snap fitting or screw fixing (T0 or T3)
- Snap fitting on top-hat rail to EN 50 022-35
- Coupling drive in door or cover
- Connection from front

Encastré avec fixation par l'arrière (.../Z)

- Face avant IP 65
- Fixation par encliquetage ou par vis (T0, T3)
- Fixation par encliquetage sur profilé chapeau EN 50 022-35
- Manette et mécanisme de manœuvre découplable montés sur porte ou capot
- Raccordement par l'avant

Zwischenbau-Hauptschalter (.../V/SVB)

- Front IP 55
- nach IEC 204/DIN VDE 0113 und IEC 947/EN 60 947
- Mit Türverriegelung in „I“-Stellung

Rear mounting main switches (.../V/SVB)

- Front protected to IP 55
- to IEC 204/EN 60 204 and IEC 947/EN 60 947
- With door interlock in I (ON) position

Interrupteur général encastré fixation par l'arrière (.../V/SVB)

- Face avant IP 55
- Conforme à IEC 204/EN 60 204 et IEC 947/EN 60 947
- Avec verrouillage de porte en position «I»



Verteilereinbau (.../IVS)

- Front IP 30
- Schnappbefestigung auf Hutschiene EN 50 022-35
- Einbau
 - in Installationsverteiler bis 3 Baueinheiten (45 mm Einbautiefe)
 - in Schaltschrank bis 8 Baueinheiten

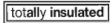
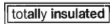
Service distribution board mounting (.../IVS)

- Front protected to IP 30
- Snap fitting on top-hat rail to EN 50 022-35
- Flush mounting
 - Up to three contact units in a service distribution board (45 mm mounting depth)
 - Up to eight contact units in a control panel

Encastré en tableau modulaire (.../IVS)

- Face avant IP 30
- Fixation par encliquetage sur profilé chapeau EN 50 022-35
- Montage
 - en tableau modulaire jusqu'à 3 galettes (profondeur de montage 45 mm)
 - en armoire jusqu'à 8 galettes

Nockenschalter/Rotary Switches/Commutateurs à cames

Baugröße/Switch size/Modèle					T0
Bemessungsbetriebsleistung Rated operational power Puissance assignée d'emploi	AC-3	220–240 V 380–440 V 500 V 690 V	kW kW kW kW	3 4 4 4	
Drehstrommotoren 50–60 Hz (je 3 Strombahnen) Three phase motor 50–60 Hz (for each set of 3 contacts) Moteurs triphasés 50–60 Hz (3 circuits)					
Bemessungsbetriebsstrom Rated operational current Courant assigné d'emploi	I _e	AC-21 A AC-15	220–240 V 280–415 V 500 V	A A A A	12 6 4 2
Bemessungsdauerstrom Rated uninterrupted current Courant assigné ininterrompu	I _n		A	20	
Schaltkammer/Contact chamber/ Galettes de contact			mm	45 × 48	
Frontschild/Front plate/Plastron			mm	48 × 48	
Bauform/Mounting form/Type de montage					
Aufbau T.../I Surface mounting T.../I En saillie T.../I		IP 65  IP 65  IP 65 			
Aufbau-Hauptschalter T.../I/SVB Surface mounting main switches T.../I/SVB Interrupteur général en saillie T.../I/SVB		IP 65  IP 65  IP 65 			
Einbau T.../E Flush mounting T.../E Encastré T.../E		Front IP 65 Front protected to IP 65 Front avant IP 65			
Einbau-Hauptschalter T.../EA/SVB Flush mounting main switches T.../EA/SVB Interrupteur général encastré T.../EA/SVB		Front IP 55 Front protected to IP 55 Face avant IP 55			
Zentraleinbau T.../EZ Centre mounting T.../EZ Encastré avec fixation centrale T.../EZ		Front IP 55 Front protected to IP 55 Face avant IP 55			
Zwischenbau T.../Z Rear mounting T.../Z Encastré avec fixation par l'arrière T.../Z		Front IP 55 Front protected to IP 55 Face avant IP 55			
Zwischenbau-Hauptschalter T.../V/SVB Rear mounting main switches T.../V/SVB Interrupteur général encastré avec fixation par l'arrière T.../V/SVB		Front IP 55 Front protected to IP 55 Face avant IP 55			
Verteilereinbau T.../IVS Service distribution board mounting T.../IVS Encastré en tableau modulaire T.../IVS		Front IP 30 Front protected to IP 30 Face avant IP 30			

Nockenschalter/Rotary Switches/Commutateurs à cames
Übersicht/Overview/Synoptique

T3	T5B	T5
5,5 11 15 15	15 22 22 22	22 37 37 30
25 10 6 4	63 16 6 4	80 16 6 4
32	63	100
60 × 54	86 × 79	86 × 79
48 × 48	88 × 88	88 × 88
		
		
		
		
		
		
		

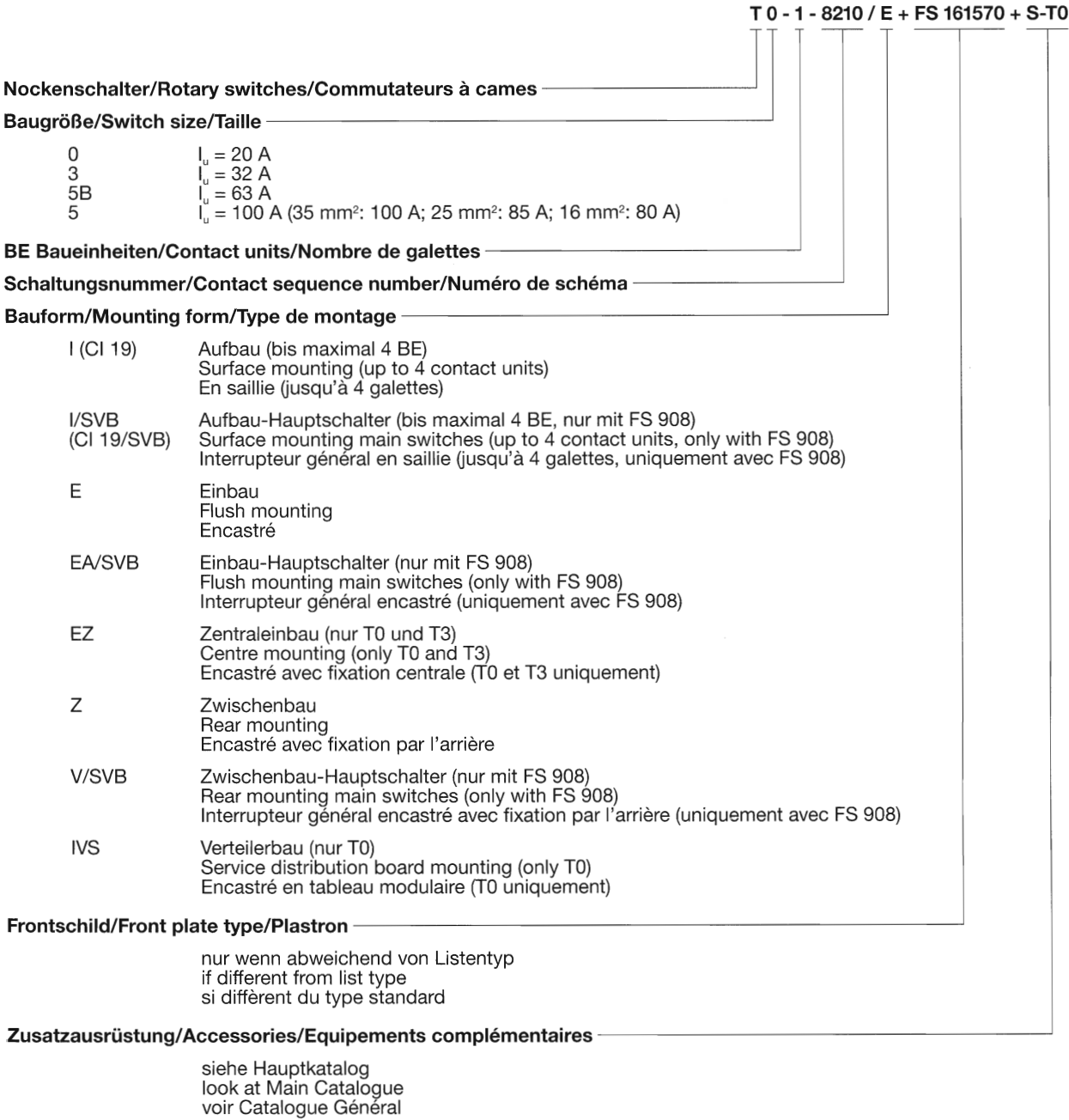
Nockenschalter/Rotary switches/Commutateurs à cames

Typenschlüssel/Key to type reference/Signification des références

Nockenschalter T können durch ihr Bauform-Zubehör auf den jeweiligen Einsatzzweck abgestimmt werden. Das Schaltgerät wird im Werk dem Kundenwunsch entsprechend zusammengebaut. Dies ist durch die Bestellung nach einem speziellen **Typenschlüssel** möglich:

The mounting accessories of the T rotary switches enable them to be adapted to the requirements of the application. The switch is assembled in the factory according to customer requirements. This is specified using the special **Type reference** in the order:

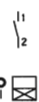
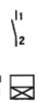
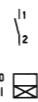
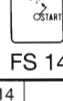
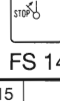
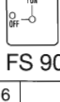
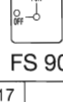
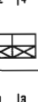
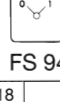
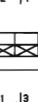
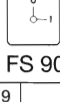
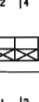
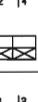
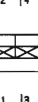
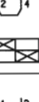
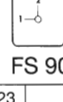
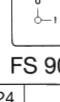
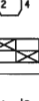
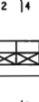
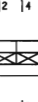
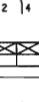
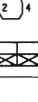
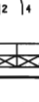
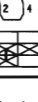
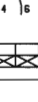
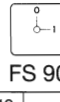
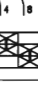
Les commutateurs à cames T peuvent être adaptés aux différentes applications grâce à leurs accessoires de montage modulaires. L'appareil est assemblé en usine selon les vœux de client. La commande s'effectue à l'aide d'une **référence spéciale** dont voici la signification :



Schaltungen sortiert nach
Contact sequences sorted by
Schémas classés selon

Schaltstellungen und Positions and Positions et	Kontakten contacts contacts	Seite page page
2	1 – 3	1/04
2	4 – 6	1/05
2	6 – 13	1/06
2	14 – 16	1/07
3	2	1/07
3	3 – 4	1/08
3	4 – 6	1/09
3	6 – 7	1/10
3	8 – 9	1/11
3	9 – 13	1/12
3	13 – 16	1/13
4	1 – 4	1/13
4	4 – 6	1/14
4	6 – 10	1/15
4	10 – 12	1/16
4	12 – 16	1/17
5	3 – 5	1/17
5	5 – 12	1/18
5	12 – 16	1/19
6	4 – 5	1/19
6	6 – 15	1/20
7	6	1/20
7	6 – 15	1/21
8	6 – 8	1/21
8	8	1/22
9	8 – 16	1/22
10	8	1/22
10	8 – 9	1/23
11	10 – 11	1/23
12	11 – 12	1/24

Steuerschalter	Control switches	Commutateurs de commande
In diesem Teil sind die Schaltungen mit zugehörigem Frontschild dargestellt. Schaltungsvorschläge zur Steuerung von Motoren, Schützen, Heizungen, Instrumenten oder anderem sind in den Teilen 2 und 3 enthalten. Folgende Zeichen wurden zur Darstellung der Schaltungen verwendet:	This section shows the contact sequences with corresponding front plate. Contact sequences for controlling motors, contactors, heating systems, instruments or other components are shown in sections 2 and 3. The following symbols were used for showing the contact sequences:	Dans cette partie sont représentés les schémas avec les plastrons correspondants. Vous trouverez dans les parties 2 et 3 des exemples de schémas pour la commande de moteurs, contacteurs, chauffage, instruments de mesure ou autres appareils. Signification des symboles utilisés dans les schémas:
✕ Kontakt geschlossen ✕ Kontakt ohne Unterbrechung geschlossen ✕ Kontakt mit Unterbrechung geschlossen ▲ ↑ automatischer Rückzug ✕ Kontakt nacheilend ✕ Kontakt voreilend	✕ Contact closed ✕ Contact closed without interruption ✕ Contact closed with interruption ▲ ↑ Automatic return ✕ Late-break contact ✕ Early-make contact	✕ Contact fermé ✕ Contact fermé sans interruption ✕ Contact fermé avec interruption ▲ ↑ Retour automatique ✕ Contact à action retardée ✕ Contact à action avancée
Reicht diese Darstellung nicht aus, zum Beispiel beim Zusammentreffen von Voreilungen für Neutralleiter und Überlappungen von Kontakten, so wird dies durch zusätzliche Felder deutlich gemacht.	If these symbols are not enough, for example, for combinations of early-make contacts for neutral conductors and contact overlaps, this can be clarified with additional fields.	Si ces symboles ne suffisent pas à représenter par exemple une fermeture avancée du sectionneur de neutre et un chevauchement de contacts, ces fonctions sont expliquées par des légendes supplémentaires.

Kontakte Contacts		Schaltstellungen positions		positions		2						
1	01	 FS 908	 T0-1-8200 T3-1-8200	A	02	 FS 945	 T0-1-15471 T3-1-15471	A	03	 FS 415	 T0-1-15401 T3-1-15401	A
	04	 FS 416	 T0-1-140 T3-1-140	A	05	 FS 907	 T0-1-15481 T3-1-15481	A	06	 FS 142003	 T0-1-15411 T3-1-15411	A
	07	 FS 4721	 T0-1-15321 T3-1-15321	A	08	 FS 14915	 T0-1-8175 T3-1-8175	A	09	 FS 4723	 T0-1-15351 T3-1-15351	A
	10	 FS 455	 T0-1-8204 T3-1-8204	A	11	 FS 141879	 T0-1-15311 T3-1-15311	A	12	 FS 14913	 T0-1-8174 T3-1-8174	A
2	13	 FS 908	 T0-1-102 T3-1-102	A	14	 FS 908	 T0-1-8291 T3-1-8291	A	15	 FS 945	 T0-1-15472 T3-1-15472	A
	16	 FS 907	 T0-1-15482 T3-1-15482	A	17	 FS 415	 T0-1-15402 T3-1-15402	A	18	 FS 611	 T0-1-8201 T3-1-8201	A
	19	 FS 943	 T0-1-8220 T3-1-8220	A	20	 FS 902	 T0-1-15441 T3-1-15441	A	21	 FS 907	 T0-1-8046 T3-1-8046	A
	22	 FS 19334	 T0-1-15451 T3-1-15451	A	23	 FS 142003	 T0-1-15412 T3-1-15412	A	24	 FS 190848	 T0-1-15462 T3-1-15462	B
2	25	 FS 455	 T0-1-8205 T3-1-8205	A	26	 FS 496	 T0-1-8295 T3-1-8295	A	27	 FS 4721	 T0-1-15322 T3-1-15322	A
	28	 FS 4723	 T0-1-15352 T3-1-15352	A	29	 FS 140130	 T0-1-8173 T3-1-8173	A	30	 FS 140805	 T0-1-8124 T3-1-8124	A
	31	 FS 141622	 T0-1-15090 T3-1-15090	A	32	 FS 141879	 T0-1-15312 T3-1-15312	A	33	 FS 908	 T0-1-15521 T3-1-15521	A
	34	 FS 908	 T0-2-1 T3-2-1	A	35	 FS 945	 T0-2-15473 T3-2-15473	A	36	 FS 415	 T0-2-15403 T3-2-15403	A
3	37	 FS 907	 T0-2-15483 T3-2-15483	A	38	 FS 9194	 T0-2-8224 T3-2-8224	A	39	 FS 945	 T0-2-8032 T3-2-8032	A
	40	 FS 4721	 T0-2-15323 T3-2-15323	A	41	 FS 455	 T0-2-8206 T3-2-8206	A	42	 FS 4723	 T0-2-15353 T3-2-15353	A
	43	 FS 142003	 T0-2-15413 T3-2-15413	A	44	 FS 141879	 T0-2-15313 T3-2-15313	A	45	 FS 142005	 T0-2-15343 T3-2-15343	A
	46											

Kontakte
Contacts

Schaltstellungen positions positions

2

4	01  FS 908
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Kontakte Contacts		Schaltstellungen positions		positions		2
6	01			B	T0-3-15159 T3-3-15159	
		FS 908				
6	03			B	T0-3-15016 T3-3-15016	
		FS 402				
7	05			A	T0-4-8343 T3-4-8343	
		FS 908				
8	07			A	T0-4-8344 T3-4-8344	
		FS 908				
8	09			B	T0-4-22 T3-4-22	
		FS 908				
8	11			B	T0-4-15164 T3-4-15164	
		FS 908				
8	13			B	T0-4-15185 T3-4-15185	
		FS 601				
8	15			B	T0-4-133 T3-4-133	
		FS 642				
8...9	17			A	T0-4-8298 T3-4-8298	
		FS 496				
9	19			B	T0-5-15203 T3-5-15203	
		FS 943				
9...10	21			B	T0-5-134 T3-5-134	
		FS 642				
10...11	23			A	T0-5-8369 T3-5-8369	
		FS 943				
12	25			A	T0-6-8348 T3-6-8348	
		FS 908				
12	27			B	T0-6-15168 T3-6-15168	
		FS 908				
12...13	29			A	T0-6-8529 T3-6-8529	
		FS 19334				
	02			B	T0-3-21 T3-3-21	
		FS 601				
	04			A	T0-3-8297 T3-3-8297	
		FS 496				
	06			B	T0-4-45 T3-4-45	
		FS 601				
	08			A	T0-4-15682 T3-4-15682	
		FS 908				
	10			B	T0-4-15700 T3-4-15700	
		FS 908				
	12			A	T0-4-8223 T3-4-8223	
		FS 943				
	14			B	T0-4-11 T3-4-11	
		FS 943				
	16			A	T0-5-8536 T3-5-8536	
		FS 496				
	18			A	T0-5-8345 T3-5-8345	
		FS 908				
	20			B	T0-5-119 T3-5-119	
		FS 601				
	22			A	T0-5-8346 T3-5-8346	
		FS 908				
	24			A	T0-6-8347 T3-6-8347	
		FS 908				
	26			B	T0-6-13 T3-6-13	
		FS 908				
	28			A	T0-6-8370 T3-6-8370	
		FS 943				
	30			A	T0-7-8349 T3-7-8349	
		FS 908				

Kontakte
Contacts

Schaltstellungen positions positions **2...3**

14	01 FS 908 A T0-7-8350 T3-7-8350	02 FS 943 A T0-7-8371 T3-7-8371	
15-16	03 FS 908 A T0-8-8351 T3-8-8351	04 FS 908 A T0-8-8352 T3-8-8352	
16...2	05 FS 943 A T0-8-8372 T3-8-8372	06 FS 684 A T0-1-8210 T3-1-8210	
2	07 FS 953 A T0-1-8218 T3-1-8218	08 FS 19801 A T0-1-8516 T3-1-8516	09 FS 614 A T0-1-91 T3-1-91
2	10 FS 418 A T0-1-8240 T3-1-8240	11 FS 418 A T0-1-8310 T3-1-8310	12 FS 429 A T0-1-15421 T3-1-15421
2	13 FS 1401 A T0-1-15431 T3-1-15431	14 FS 1411805 A T0-1-15058 T3-1-15058	15 FS 621 B T0-1-15180 T3-1-15180
2	16 FS 418 B T0-1-141 T3-1-141	17 FS 418 B T0-1-170 T3-1-170	18 FS 429 B T0-1-78 T3-1-78
2	19 FS 418 B T0-1-15023 T3-1-15023	20 FS 910 B T0-1-15502 T3-1-15502	21 FS 953 B T0-1-15501 T3-1-15501
2	22 FS 141399 B T0-1-15059 T3-1-15059	23 FS 4739 B T0-1-15904 T3-1-15904	24 FS 1414000 A T0-1-15434 T3-1-15434
2	25 FS 147767 A T0-1-15511 T3-1-15511	26 FS 147767 A T0-1-8178 T3-1-8178	27 FS 6034 A T0-1-8180 T3-1-8180
2	28 FS 147767 B T0-1-98 T3-1-98	29 FS 4011 A T0-1-8214 T3-1-8214	30 FS 456 A T0-1-15366 T3-1-15366
2	31 FS 458 A T0-1-15371 T3-1-15371	32 FS 1423 A T0-1-8158 T3-1-8158	33 FS 1423 A T0-1-15061 T3-1-15061
2	34 FS 141141 A T0-1-8185 T3-1-8185	35 FS 14510 A T0-1-8176 T3-1-8176	36 FS 141400 A T0-1-15060 T3-1-15060
2	37 FS 141617 A T0-1-15089 T3-1-15089	38 FS 458 B T0-1-9 T3-1-9	39 FS 456 B T0-1-8 T3-1-8
2	40 FS 14510 B T0-1-15362 T3-1-15362	41 FS 456 B T0-1-15365 T3-1-15365	42 FS 4011 B T0-1-15074 T3-1-15074

Kontakte Contacts		Schaltstellungen positions		positions		3									
3	01			A	T0-2-8230 T3-2-8230	02			A	T0-2-15121 T3-2-15121	03			A	T0-2-8061 T3-2-8061
3	04			A	T0-2-8517 T3-2-8517	05			B	T0-2-148 T3-2-148	06			B	T0-2-177 T3-2-177
3	07			B	T0-2-15003 T3-2-15003	08			B	T0-2-94 T3-2-94	09			A	T0-2-76 T3-2-76
3	10			B	T0-2-15085 T3-2-15085	11			A	T0-2-8425 T3-2-8425	12			B	T0-2-15062 T3-2-15062
3	13			A	T0-2-15120 T3-2-15120	14			A	T0-2-8150 T3-2-8150	15			A	T0-2-15088 T3-2-15088
4	16			A	T0-2-8211 T3-2-8211	17			A	T0-2-8215 T3-2-8215	18			A	T0-2-8400 T3-2-8400
4	19			A	T0-2-15422 T3-2-15422	20			A	T0-2-15922 T3-2-15922	21			A	T0-2-15923 T3-2-15923
4	22			A	T0-2-15432 T3-2-15432	23			A	T0-2-15512 T3-2-15512	24			A	T0-2-15367 T3-2-15367
4	25			A	T0-2-8260 T3-2-8260	26			A	T0-2-8219 T3-2-8219	27			A	T0-2-8312 T3-2-8312
4	28			A	T0-2-8047 T3-2-8047	29			A	T0-2-8170 T3-2-8170	30			A	T0-2-8018 T3-2-8018
4	31			A	T0-2-8527 T3-2-8527	32			A	T0-2-8711 T3-2-8711	33			A	T0-2-8062 T3-2-8062
4	34			A	T0-2-15435 T3-2-15435	35			A	T0-2-15372 T3-2-15372	36			A	T0-2-8179 T3-2-8179
4	37			A	T0-2-8513 T3-2-8513	38			A	T0-2-8120 T3-2-8120	39			A	T0-2-8521 T3-2-8521
4	40			A	T0-2-8515 T3-2-8515	41			A	T0-2-8159 T3-2-8159	42			B	T0-2-37 T3-2-37
4	43			B	T0-2-18 T3-2-18	44			B	T0-2-15130 T3-2-15130	45			B	T0-2-35 T3-2-35

Kontakte

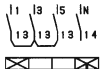
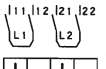
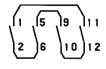
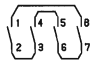
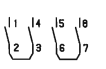
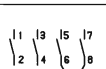
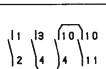
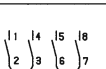
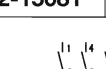
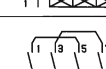
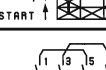
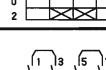
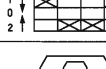
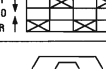
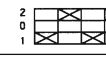
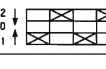
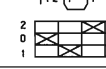
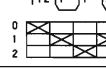
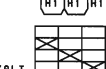
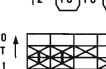
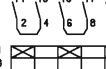
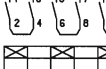
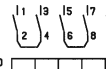
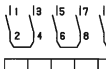
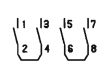
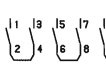
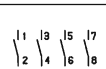
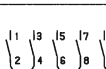
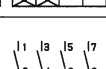
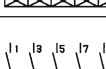
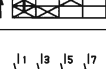
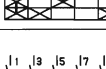
Contacts

Schaltstellungen

positions

positions

3

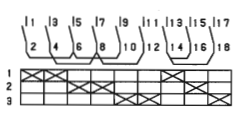
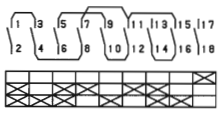
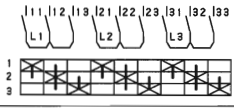
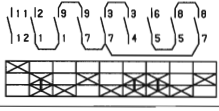
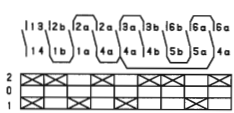
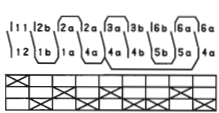
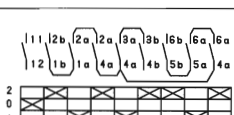
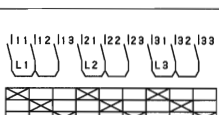
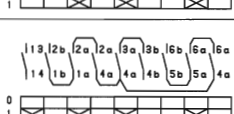
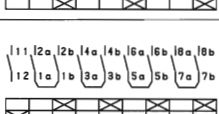
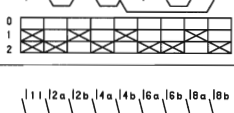
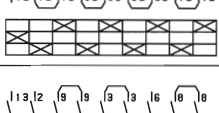
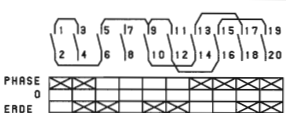
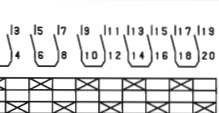
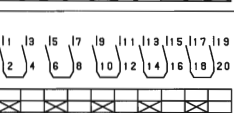
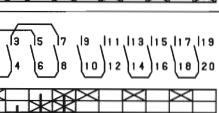
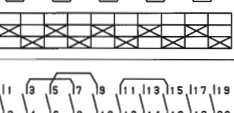
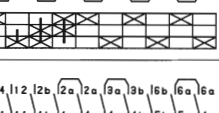
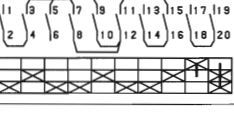
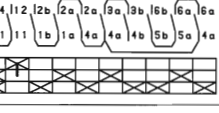
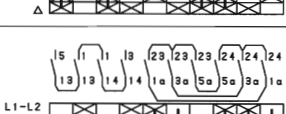
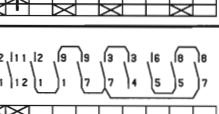
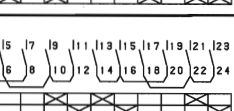
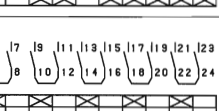
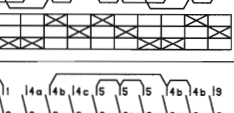
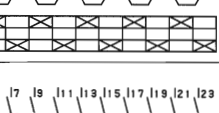
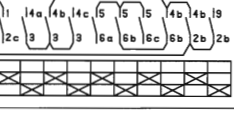
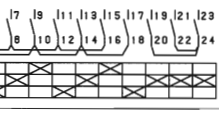
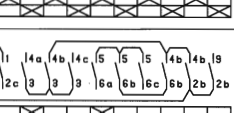
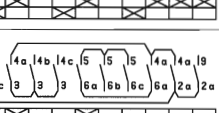
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4	04  FS 910  T0-2-8020 T3-2-8020 B	05  FS 621  T0-2-15642 T3-2-15642 B	06  FS 147767  T0-2-15364 T3-2-15364 B
4	07  FS 141402  T0-2-15081 T3-2-15081 A	08  FS 142010  T0-2-15125 T3-2-15125 B	09  FS 456  T0-2-15361 T3-2-15361 B
4...5	10  FS 14510  T0-2-15363 T3-2-15363 B	11  FS 684  T0-3-8401 T3-3-8401 A	
5	12  FS 4011  T0-3-8228 T3-3-8228 A	13  FS 142339  T0-3-8151 T3-3-8151 A	
5	14  FS 621  T0-3-2 T3-3-2 B	15  FS 458  T0-3-190 T3-3-190 B	
5	16  FS 621  T0-3-38 T3-3-38 B	17  FS 644  T0-3-36 T3-3-36 B	
5	18  FS 141956  T0-3-15600 T3-3-15600 B	19  FS 142010  T0-3-15124 T3-3-15124 B	
6	20  FS 684  T0-3-8212 T3-3-8212 A	21  FS 4011  T0-3-8216 T3-3-8216 A	
6	22  FS 644  T0-3-8451 T3-3-8451 A	23  FS 418  T0-3-8280 T3-3-8280 A	
6	24  FS 429  T0-3-15423 T3-3-15423 A	25  FS 1401  T0-3-15433 T3-3-15433 A	
6	26  FS 429  T0-3-15391 T3-3-15391 A	27  FS 147767  T0-3-15513 T3-3-15513 A	
6	28  FS 4026  T0-3-15392 T3-3-15392 A	29  FS 4117  T0-3-15393 T3-3-15393 A	
6	30  FS 458  T0-3-15394 T3-3-15394 A	31  FS 404  T0-3-8250 T3-3-8250 A	
6	32  FS 953  T0-3-8299 T3-3-8299 A	33  FS 418  T0-3-8314 T3-3-8314 A	

Kontakte Contacts		Schaltstellungen positions		positions		3		
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	03			04				

Kontakte
Contacts

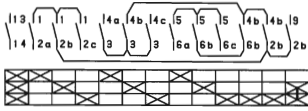
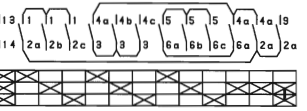
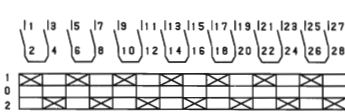
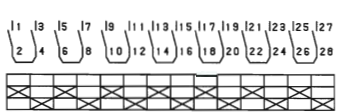
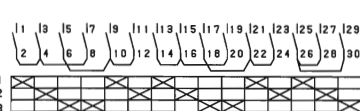
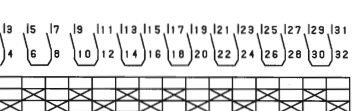
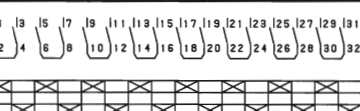
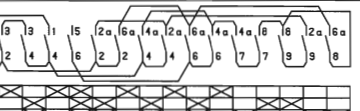
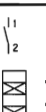
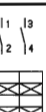
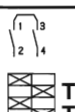
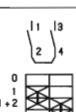
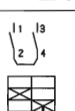
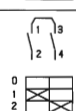
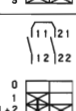
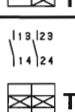
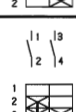
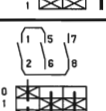
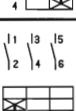
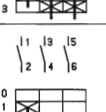
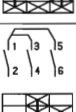
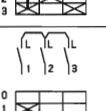
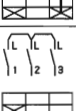
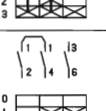
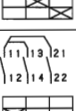
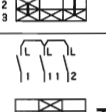
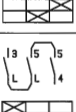
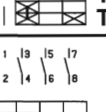
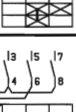
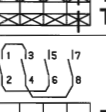
Schaltstellungen positions positions **3**

8	01 FS 684	 T0-4-8213 T3-4-8213	A	02 FS 953	 T0-4-8294 T3-4-8294	A
8	03 FS 635	 T0-4-8410 T3-4-8410	A	04 FS 684	 T0-4-8441 T3-4-8441	A
8	05 FS 644	 T0-4-8440 T3-4-8440	A	06 FS 644	 T0-4-8480 T3-4-8480	A
8	07 FS 190301	 T0-4-8171 T3-4-8171	A	08 FS 635	 T0-4-8418 T3-4-8418	A
8	09 FS 644	 T0-4-8439 T3-4-8439	A	10 FS 6322	 T0-4-8417 T3-4-8417	A
8	11 FS 6617	 T0-4-15107 T3-4-15107	A	12 FS 458	 T0-4-15374 T3-4-15374	A
8	13 FS 141141	 T0-4-8184 T3-4-8184	A	14 FS 621	 T0-4-88 T3-4-88	B
8	15 FS 161629	 T0-4-41 T3-4-41	B	16 FS 635	 T0-4-3 T3-4-3	B
8	17 FS 644	 T0-4-4 T3-4-4	B	18 FS 621	 T0-4-5 T3-4-5	B
8	19 FS 621	 T0-4-49 T3-4-49	B	20 FS 644	 T0-4-46 T3-4-46	B
8	21 FS 644	 T0-4-15204 T3-4-15204	B	22 FS 684	 T0-4-65 T3-4-65	B
8	23 FS 644	 T0-4-81 T3-4-81	B	24 FS 644	 T0-4-86 T3-4-86	B
8	25 FS 635	 T0-4-15067 T3-4-15067	B	26 FS 635	 T0-4-15068 T3-4-15068	B
9	27 FS 404	 T0-5-8270 T3-5-8270	A			
9	28 FS 953	 T0-5-8043 T3-5-8043	A	29 FS 904	 T0-5-8019 T3-5-8019	A

Kontakte Contacts		Schaltstellungen positions		positions		3		
9	01	 FS 603	 T0-5-15270 T3-5-15270	A	02	 FS 635	 T0-5-8416 T3-5-8416	A
	03	 FS 404	 T0-5-15017 T3-5-15017	B	04	 FS 635	 T0-5-25 T3-5-25	B
	05	 FS 621	 T0-5-124 T3-5-124	B	06	 FS 644	 T0-5-30 T3-5-30	B
	07	 FS 621	 T0-5-33 T3-5-33	B	08	 FS 404	 T0-5-15150 T3-5-15150	B
	09	 FS 644	 T0-5-31 T3-5-31	B	10	 FS 621	 T0-5-89 T3-5-89	B
	11	 FS 644	 T0-5-87 T3-5-87	B	12	 FS 644	 T0-5-15900 T3-5-15900	B
10	13	 FS 141152	 T0-5-8531 T3-5-8531	A	14	 FS 684	 T0-5-8361 T3-5-8361	A
	15	 FS 418	 T0-5-8486 T3-5-8486	A	16	 FS 953	 T0-5-8053 T3-5-8053	A
	17	 FS 644	 T0-5-8444 T3-5-8444	A	18	 FS 644	 T0-5-29 T3-5-29	B
	19	 FS 635	 T0-5-15899 T3-5-15899	B	20	 FS 621	 T0-5-32 T3-5-32	B
10... 11	21	 FS 193085	 T0-5-15172 T3-5-15172	B	22	 FS 635	 T0-6-126 T3-6-126	B
12	23	 FS 604	 T0-6-8476 T3-6-8476	A	24	 FS 684	 T0-6-8362 T3-6-8362	A
	25	 FS 614	 T0-6-8491 T3-6-8491	A	26	 FS 141442	 T0-6-8155 T3-6-8155	A
12	27	 FS 603	 T0-6-156 T3-6-156	B	28	 FS 603	 T0-6-164 T3-6-164	B
	29	 FS 603	 T0-6-160 T3-6-160	B	30	 FS 603	 T0-7-161 T3-7-161	B

Kontakte
Contacts

Schaltstellungen positions positions **3...4**

13	01  FS 603  B T0-7-157 T3-7-157	02  FS 603  B T0-7-165 T3-7-165
14	03  FS 684  A T0-7-8363 T3-7-8363	04  FS 614  A T0-7-8495 T3-7-8495
15... 16	05  FS 604  A T0-8-8484 T3-8-8484	06  FS 644  A T0-8-8498 T3-8-8498
16	07  FS 684  A T0-8-8364 T3-8-8364	08  FS 604  B T0-8-15102 T3-8-15102
1...2	09  FS 925  A T0-1-8001 T3-1-8001	10  FS 926  A T0-1-15108 T3-1-15108
2	12  FS 923  A T0-1-15111 T3-1-15111	13  FS 193840  A T0-1-15113 T3-1-15113
2	15  FS 420  A T0-1-8330 T3-1-8330	16  FS 912  A T0-1-15110 T3-1-15110
2	18  FS 928  B T0-1-15043 T3-1-15043	19  FS 193840  B T0-1-15046 T3-1-15046
2...3	21  FS 926  B T0-1-15041 T3-1-15041	22  FS 9317  A T0-1-8566 T3-1-8566
3	24  FS 925  A T0-2-8051 T3-2-8051	25  FS 420  A T0-2-8311 T3-2-8311
3	27  FS 419  A T0-2-8871 T3-2-8871	28  FS 161800  A T0-2-8512 T3-2-8512
3	30  FS 420  B T0-2-171 T3-2-171	31  FS 420  B T0-2-142 T3-2-142
3	33  FS 616  B T0-2-96 T3-2-96	34  FS 912  B T0-2-15052 T3-2-15052
3...4	36  FS 143772  B T0-2-15905 T3-2-15905	37  FS 1413890  B T0-2-15906 T3-2-15906
4	39  FS 926  A T0-2-8060 T3-2-8060	40  FS 606  A T0-2-8231 T3-2-8231
		41  FS 1410755  A T0-2-15920 T3-2-15920

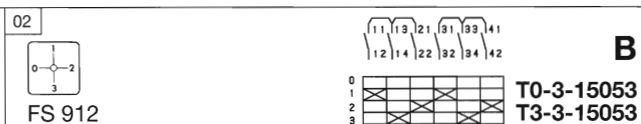
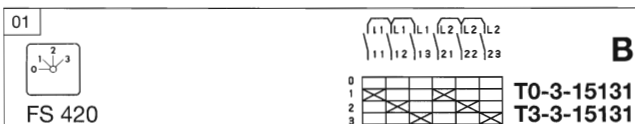
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4	02			FS 193840	A	T0-2-15114 T3-2-15114
4	03			FS 1413890	A	T0-2-15907 T3-2-15907
4	04			FS 911	A	T0-2-8021 T3-2-8021
4	05			FS 194322	A	T0-2-15176 T3-2-15176
4	06			FS 194324	A	T0-2-15177 T3-2-15177
4	07			FS 161304	A	T0-2-15503 T3-2-15503
4	08			FS 1410760	A	T0-2-8004 T3-2-8004
4	09			FS 420	A	T0-2-8316 T3-2-8316
4	10			FS 420	A	T0-2-8331 T3-2-8331
4	11			FS 4842	A	T0-2-8011 T3-2-8011
4	12			FS 1410761	A	T0-2-8005 T3-2-8005
4	13			FS 141750	A	T0-2-8153 T3-2-8153
4	14			FS 9441	B	T0-2-15170 T3-2-15170
4	15			FS 406	B	T0-2-149 T3-2-149
4	16			FS 616	B	T0-2-95 T3-2-95
4	17			FS 406	B	T0-2-15004 T3-2-15004
4	18			FS 406	B	T0-2-178 T3-2-178
4	19			FS 1410755	B	T0-2-14 T3-2-14
4	20			FS 1410757	B	T0-2-16 T3-2-16
4	21			FS 924	B	T0-2-15049 T3-2-15049
4	22			FS 928	B	T0-2-15044 T3-2-15044
4	23			FS 9317	B	T0-2-8828 T3-2-8828
4	24			FS 923	B	T0-2-15112 T3-2-15112
4	25			FS 191272	B	T0-2-15834 T3-2-15834
4	26			FS 193840	B	T0-2-15047 T3-2-15047
5	27			FS 141750	A	T0-3-8154 T3-3-8154
5	28			FS 164722	B	T0-3-15917 T3-3-15917
6	29			FS 9440	A	T0-3-8048 T3-3-8048
6	30			FS 193840	A	T0-3-15115 T3-3-15115
6	31			FS 420	A	T0-3-8261 T3-3-8261
6	32			FS 420	A	T0-3-8313 T3-3-8313
6	33			FS 420	A	T0-3-8332 T3-3-8332
6	34			FS 928	A	T0-3-8030 T3-3-8030
6	35			FS 141750	A	T0-3-8152 T3-3-8152
6	36			FS 142606	A	T0-3-8156 T3-3-8156

Kontakte
Contacts

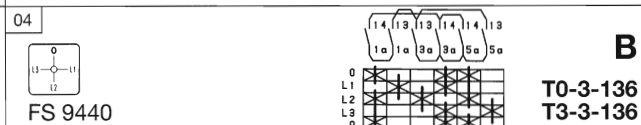
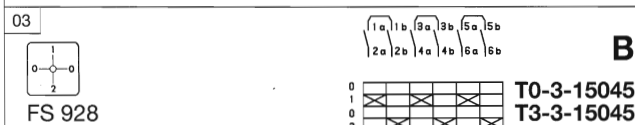
Schaltstellungen positions positions

4

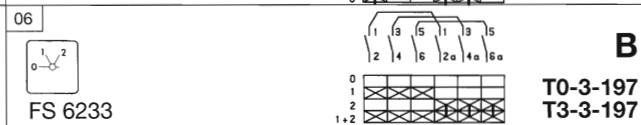
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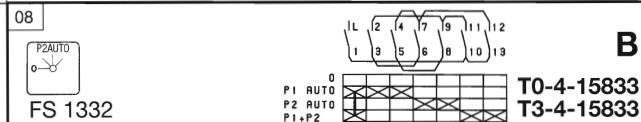
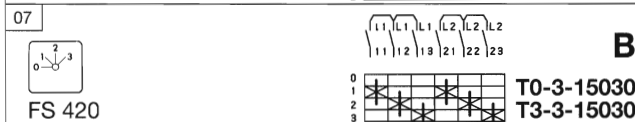
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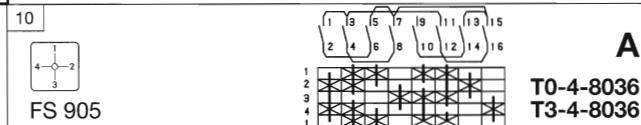
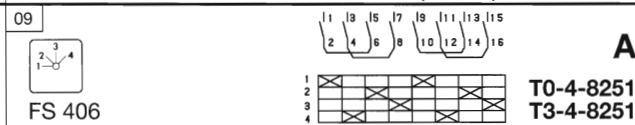
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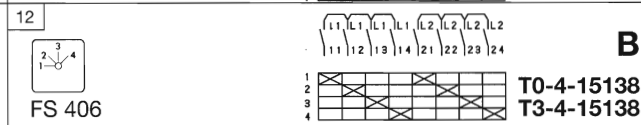
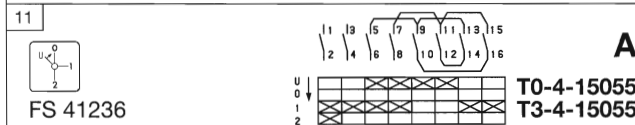
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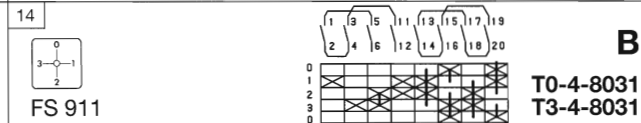
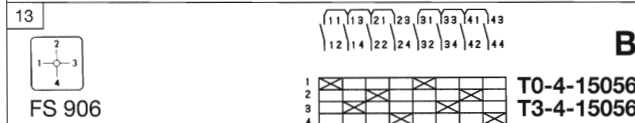
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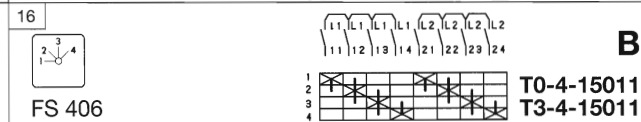
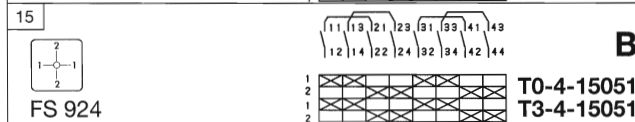
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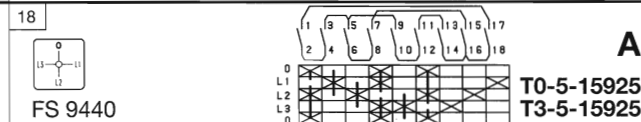
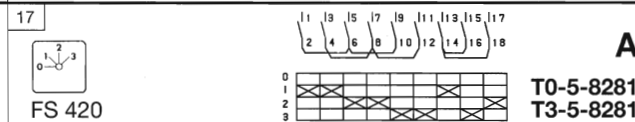
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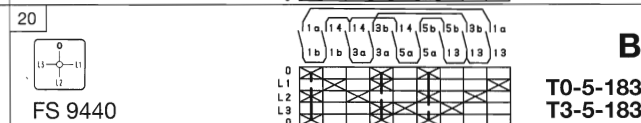
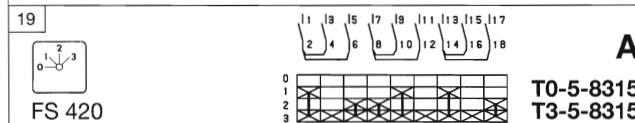
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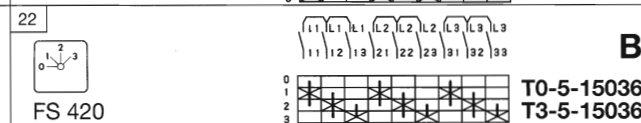
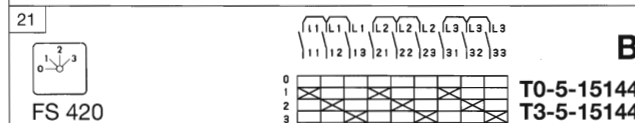
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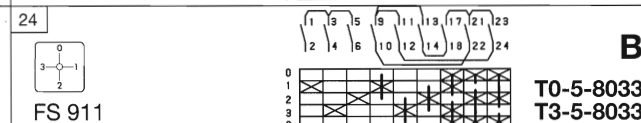
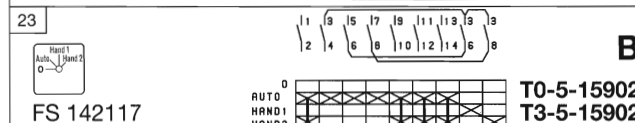
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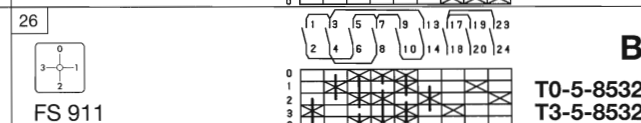
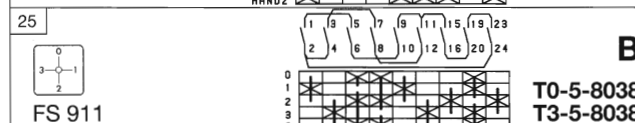
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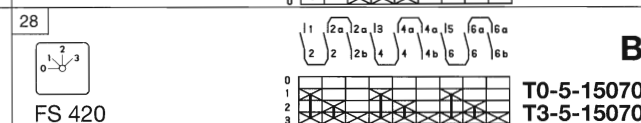
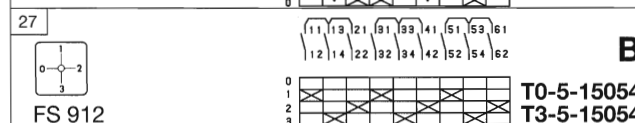
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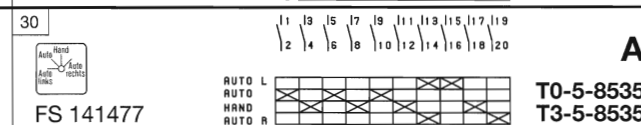
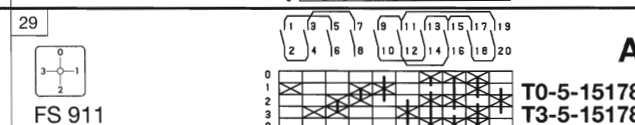
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9



10



Kontakte Contacts		Schaltstellungen positions		positions		4
10	01 FS 911		B T0-5-8035 T3-5-8035	02 FS 6301		B T0-5-15892 T3-5-15892
11	03 FS 6301		B T0-6-15893 T3-6-15893	04 FS 406		A T0-6-8271 T3-6-8271
11	05 FS 6338		A T0-6-8449 T3-6-8449	06 FS 637		B T0-6-103 T3-6-103
11	07 FS 906		B T0-6-8034 T3-6-8034	08 FS 193086		B T0-6-15173 T3-6-15173
11	09 FS 6585		B T0-6-15083 T3-6-15083	10 FS 616		A T0-6-8457 T3-6-8457
12	11 FS 616		A T0-6-8455 T3-6-8455	12 FS 616		A T0-6-8459 T3-6-8459
12	13 FS 420		A T0-6-8481 T3-6-8481	14 FS 905		A T0-6-8039 T3-6-8039
12	15 FS 616		A T0-6-8601 T3-6-8601	16 FS 616		A T0-6-8602 T3-6-8602
12	17 FS 616		A T0-6-8603 T3-6-8603	18 FS 616		A T0-6-8605 T3-6-8605
12	19 FS 616		A T0-6-8607 T3-6-8607	20 FS 616		A T0-6-8609 T3-6-8609
12	21 FS 616		A T0-6-8613 T3-6-8613	22 FS 616		A T0-6-8615 T3-6-8615
12	23 FS 616		A T0-6-8617 T3-6-8617	24 FS 616		B T0-6-154 T3-6-154
12	25 FS 406		B T0-6-15151 T3-6-15151	26 FS 616		B T0-6-158 T3-6-158
12	27 FS 616		B T0-6-162 T3-6-162	28 FS 406		B T0-6-15018 T3-6-15018
12	29 FS 906		B T0-6-15057 T3-6-15057	30 FS 637		B T0-6-104 T3-6-104

Kontakte
Contacts

Schaltstellungen positions positions 4...5

12... 13	01 FS 6389 B T0-6-15080 T3-6-15080	02 FS 616 A T0-7-8606 T3-7-8606	
13	03 FS 616 A T0-7-8608 T3-7-8608	04 FS 616 A T0-7-8610 T3-7-8610	
13	05 FS 616 A T0-7-8614 T3-7-8614	06 FS 616 A T0-7-8616 T3-7-8616	
13	07 FS 616 A T0-7-8618 T3-7-8618	08 FS 616 B T0-7-155 T3-7-155	
13	09 FS 616 B T0-7-159 T3-7-159	10 FS 163 B T0-7-163 T3-7-163	
13... 14	11 FS 616 B T0-7-132 T3-7-132	12 FS 616 B T0-7-187 T3-7-187	
14	13 FS 616 B T0-7-188 T3-7-188	14 FS 616 B T0-7-189 T3-7-189	
15... 16	15 FS 420 A T0-8-8487 T3-8-8487	16 FS 406 A T0-8-8477 T3-8-8477	
16	17 FS 616 B T0-8-15100 T3-8-15100	18 FS 405 B T0-8-184 T3-8-184	
3...4	19 FS 422 A T0-2-8340 T3-2-8340	20 FS 422 A T0-2-8242 T3-2-8242	21 FS 140660 A T0-2-8177 T3-2-8177
4	22 FS 140660 A T0-2-8182 T3-2-8182	23 FS 6057 A T0-2-8181 T3-2-8181	24 FS 422 B T0-2-143 T3-2-143
4	25 FS 422 B T0-2-172 T3-2-172	26 FS 422 B T0-2-15025 T3-2-15025	27 FS 1409 B T0-2-99 T3-2-99
5	28 FS 408 A T0-3-8232 T3-3-8232	29 FS 1410764 A T0-3-8010 T3-3-8010	
5	30 FS 408 B T0-3-15005 T3-3-15005	31 FS 408 B T0-3-150 T3-3-150	
5	32 FS 408 B T0-3-179 T3-3-179		

Kontakte Contacts		Schaltstellungen positions		positions		5
5	01 FS 1410756	 L1-N L1-L2 L2-L3 L3-L1	B T0-3-15 T3-3-15	02 FS 1410758	 L1-L2 L1-N L2-N L3-N	B T0-3-17 T3-3-17
6	03 FS 142074	 START START START	A T0-3-8426 T3-3-8426	04 FS 1409	 START START START	B T0-3-15123 T3-3-15123
6	05 FS 141411	 ANL 1 0 2	B T0-3-15064 T3-3-15064	06 FS 141412	 ANL 1 0 2	B T0-4-15065 T3-4-15065
6...7	07 FS 142074	 START START START	B T0-3-15122 T3-3-15122	08 FS 608	 1 2 3 4 5	A T0-4-15086 T3-4-15086
7	09 FS 1470273	 START 1 0 2 START	A T0-4-8402 T3-4-8402	10 FS 317	 P1-AUTO P2-AUTO AUTO P1+P2	B T0-4-15915 T3-4-15915
8	11 FS 422	 0 2 3 4	A T0-4-8262 T3-4-8262	12 FS 422	 0 2 3 4	B T0-4-15132 T3-4-15132
8	13 FS 161795	 OFF TEST 1 2 3	B T0-4-8070 T3-4-8070	14 FS 422	 0 2 3 4	B T0-4-15031 T3-4-15031
8...10	15 FS 142074	 START 2 START START	B T0-4-15126 T3-4-15126	16 FS 629	 2 1 0 1 2	A T0-5-8453 T3-5-8453
10	17 FS 408	 1 2 3 4 5	A T0-5-8252 T3-5-8252	18 FS 638	 Δ Y O Y Δ	B T0-5-15896 T3-5-15896
10	19 FS 629	 2 1 0 1 2	B T0-5-71 T3-5-71	20 FS 408	 1 2 3 4 5	B T0-5-15139 T3-5-15139
10	21 FS 160896	 OFF TEST 1 2 3	B T0-5-8073 T3-5-8073	22 FS 408	 1 2 3 4 5	B T0-5-15012 T3-5-15012
11	23 FS 638	 Δ Y O Y Δ	B T0-6-15898 T3-6-15898	24 FS 629	 2 1 0 1 2	B T0-6-73 T3-6-73
11	25 FS 629	 2 1 0 1 2	B T0-6-74 T3-6-74	26 FS 638	 Δ Y O Y Δ	B T0-6-15901 T3-6-15901
12	27 FS 638	 Δ Y O Y Δ	A T0-6-15877 T3-6-15877	28 FS 422	 0 1 2 3 4	A T0-6-8282 T3-6-8282
12	29 FS 629	 2 1 0 1 2	A T0-6-15866 T3-6-15866	30 FS 638	 Δ Y O Y Δ	A T0-7-8420 T3-7-8420

Kontakte

Contacts

Schaltstellungen

positions

positions

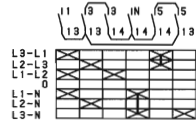
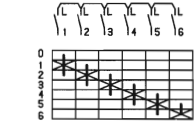
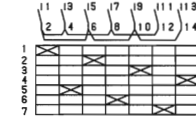
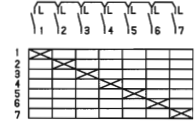
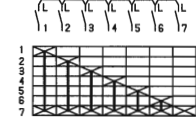
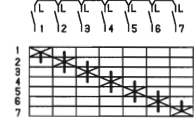
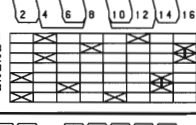
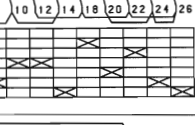
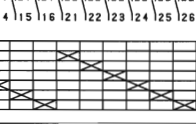
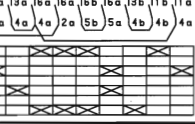
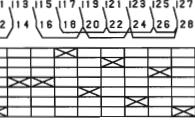
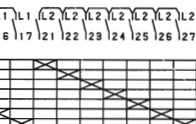
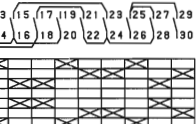
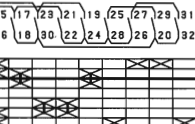
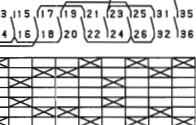
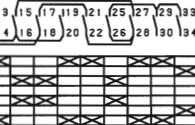
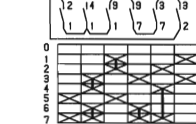
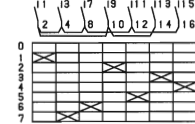
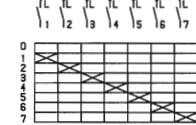
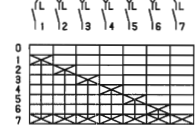
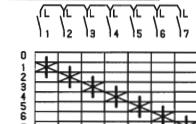
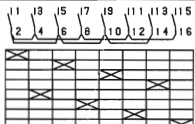
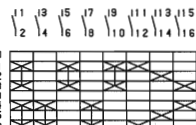
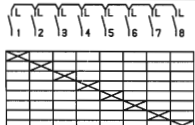
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12	01 FS 638 B T0-6-15897 T3-6-15897	
12	02 FS 629 B T0-6-66 T3-6-66	03 FS 629 A T0-6-8442 T3-6-8442
12	04 FS 422 B T0-6-15145 T3-6-15145	05 FS 422 B T0-6-15037 T3-6-15037
12... 13	06 FS 629 B T0-6-72 T3-6-72	07 FS 629 B T0-7-68 T3-7-68
13... 14	08 FS 629 B T0-7-69 T3-7-69	09 FS 629 A T0-7-15867 T3-7-15867
14... 15	10 FS 629 B T0-7-67 T3-7-67	11 FS 6584 B T0-8-15092 T3-8-15092
15	12 FS 408 B T0-8-15152 T3-8-15152	13 FS 408 B T0-8-15019 T3-8-15019
16	14 FS 422 A T0-8-8482 T3-8-8482	15 FS 618 A T0-8-8604 T3-8-8604
16	16 FS 6409 A T0-8-8454 T3-8-8454	17 FS 617 B T0-8-137 T3-8-137
4		18 FS 640 A T0-2-8003 T3-2-8003
4... 5	19 FS 620 B T0-2-191 T3-2-191	20 FS 424 A T0-3-8243 T3-3-8243
5	21 FS 424 B T0-3-173 T3-3-173	22 FS 424 B T0-3-144 T3-3-144
5	23 FS 620 B T0-3-192 T3-3-192	24 FS 424 B T0-3-15026 T3-3-15026

Kontakte Contacts		Schaltstellungen		positions		6...7
6	01			A		A
	FS 410		T0-3-8233 T3-3-8233	FS 164721		T0-3-15924 T3-3-15924
	03			B		B
	FS 410		T0-3-151 T3-3-151	FS 164721		T0-3-15916 T3-3-15916
6	05			B		B
	FS 410		T0-3-180 T3-3-180	FS 410		T0-3-15006 T3-3-15006
	07			A		A
	FS 653		T0-4-8006 T3-4-8006	FS 640		T0-4-8443 T3-4-8443
10	09			A		A
	FS 424		T0-5-8263 T3-5-8263	FS 160756		T0-5-8533 T3-5-8533
	11			B		B
	FS 424		T0-5-15032 T3-5-15032	FS 424		T0-5-15133 T3-5-15133
10... 11	13			B		B
	FS 161678		T0-5-15643 T3-5-15643	FS 620		T0-6-8464 T3-6-8464
	15			A		A
	FS 410		T0-6-8253 T3-6-8253	FS 410		T0-6-15140 T3-6-15140
12... 13	17			B		B
	FS 410		T0-6-15013 T3-6-15013	FS 620		T0-7-195 T3-7-195
	19			A		A
	FS 408		T0-8-8272 T3-8-8272	FS 424		T0-8-8283 T3-8-8283
15	21			B		B
	FS 424		T0-8-15146 T3-8-15146	FS 424		T0-8-15038 T3-8-15038
	23			A		A
	FS 426		T0-3-8244 T3-8-8244	FS 1410759		T0-3-8007 T3-3-8007
6	25			B		B
	FS 426		T0-3-174 T3-3-174	FS 426		T0-3-145 T3-3-145
	27			A		A
	FS 426		T0-3-8244 T3-8-8244	FS 1410759		T0-3-8007 T3-3-8007

Kontakte
Contacts

Schaltstellungen positions positions **7...8**

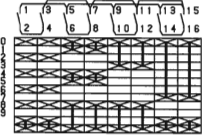
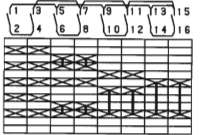
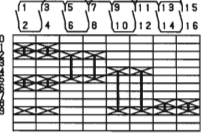
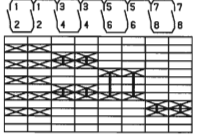
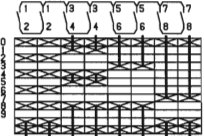
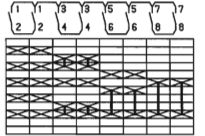
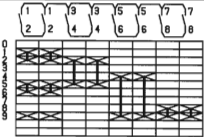
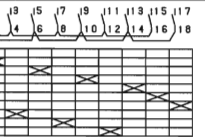
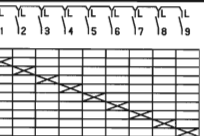
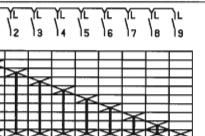
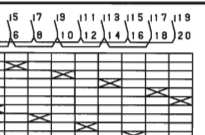
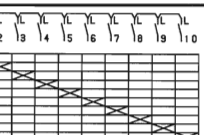
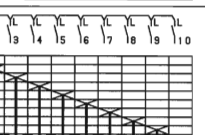
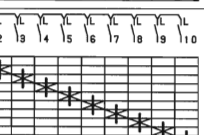
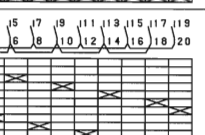
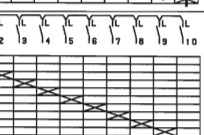
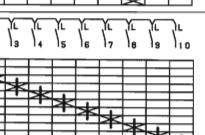
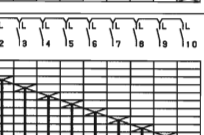
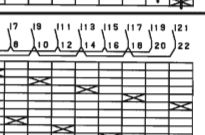
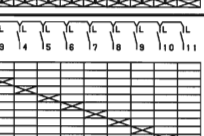
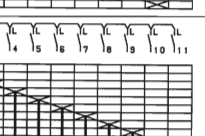
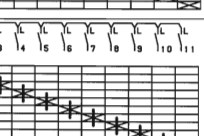
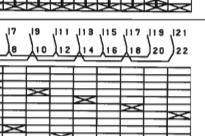
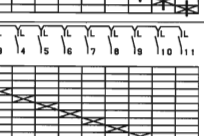
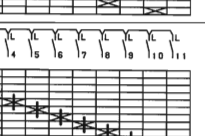
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7	05  FS 412	 B T0-4-181 T3-4-181	06  FS 412	 B T0-4-15007 T3-4-15007
8... 12	07  FS 1410763	 A T0-4-8008 T3-4-8008	08  FS 426	 B T0-6-8264 T3-6-8264
12	09  FS 426	 B T0-6-15134 T3-6-15134	10  FS 4686	 B T0-6-15105 T3-6-15105
12... 14	11  FS 426	 B T0-6-15033 T3-6-15033	12  FS 412	 A T0-7-8254 T3-7-8254
14	13  FS 412	 B T0-7-15141 T3-7-15141	14  FS 412	 B T0-7-15014 T3-7-15014
15	15  FS 449	 A T0-8-8460 T3-8-8460	16  FS 4219	 A T0-8-8446 T3-8-8446
15	17  FS 409	 B T0-8-8456 T3-8-8456	18  FS 449	 B T0-8-8458 T3-8-8458
6... 7	19  FS 428	 B T0-3-194 T3-3-194	20  FS 428	 A T0-4-8245 T3-4-8245
7	21  FS 428	 B T0-4-146 T3-4-146	22  FS 428	 B T0-4-175 T3-4-175
7... 8	23  FS 428	 B T0-4-15028 T3-4-15028	24  FS 414	 A T0-4-8235 T3-4-8235
8	25  FS 42400	 A T0-4-15601 T3-4-15601	26  FS 414	 B T0-4-153 T3-4-153

Kontakte Contacts		Schaltstellungen		positions		positions		8...10		
8	01			B	T0-4-15008 T3-4-15008	02			B	T0-4-182 T3-4-182
	03			B	T0-4-8071 T3-4-8071	04			B	T0-5-8072 T3-5-8072
8... 9	05			A	T0-6-8009 T3-6-8009	06			A	T0-7-8074 T3-7-8074
	07			B	T0-7-196 T3-7-196	08			A	T0-7-8265 T3-7-8265
12... 13	09			B	T0-7-15135 T3-7-15135	10			B	T0-7-15034 T3-7-15034
	11			B	T0-7-8075 T3-7-8075	12			B	T0-7-8076 T3-7-8076
13... 14	13			A	T0-8-8255 T3-8-8255	14			B	T0-8-15142 T3-8-15142
	15			B	T0-8-15015 T3-8-15015	16			A	T0-4-8246 T3-4-8246
14	17			B	T0-4-15246 T3-4-15246	18			B	T0-4-15215 T3-4-15215
	19			B	T0-4-15223 T3-4-15223	20			A	T0-5-8236 T3-5-8236
14... 16	21			B	T0-5-15250 T3-5-15250	22			B	T0-5-15219 T3-5-15219
	23			B	T0-5-15227 T3-5-15227	24			B	T0-8-8266 T3-8-8266
16... 8	25			B	T0-8-15290 T3-8-15290	26			A	T0-4-15602 T3-4-15602

Kontakte
Contacts

Schaltstellungen positions positions

10...12

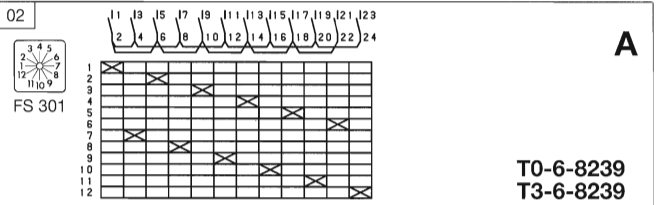
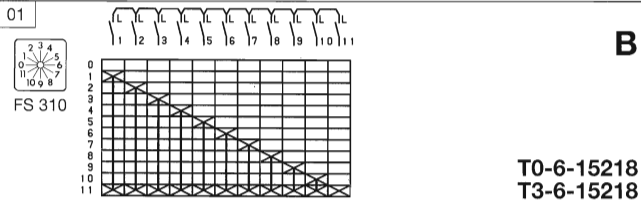
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	05			B	T0-4-15381 T3-4-15381	06			B	T0-4-15382 T3-4-15382
	07			B	T0-4-15384 T3-4-15384	08			A	T0-5-8247 T3-5-8247
9	09			B	T0-5-15247 T3-5-15247	10			B	T0-5-15216 T3-5-15216
	11			B	T0-5-15224 T3-5-15224	12			A	T0-5-8237 T3-5-8237
10	13			B	T0-5-15251 T3-5-15251	14			B	T0-5-15220 T3-5-15220
	15			B	T0-5-15228 T3-5-15228	16			A	T0-5-8248 T3-5-8248
10	17			B	T0-5-15248 T3-5-15248	18			B	T0-5-15225 T3-5-15225
	19			B	T0-5-15217 T3-5-15217	20			A	T0-6-8238 T3-6-8238
11	21			B	T0-6-15252 T3-6-15252	22			B	T0-6-15221 T3-6-15221
	23			B	T0-6-15229 T3-6-15229	24			A	T0-6-8249 T3-6-8249
11	25			B	T0-6-15249 T3-6-15249	26			B	T0-6-15226 T3-6-15226

Kontakte

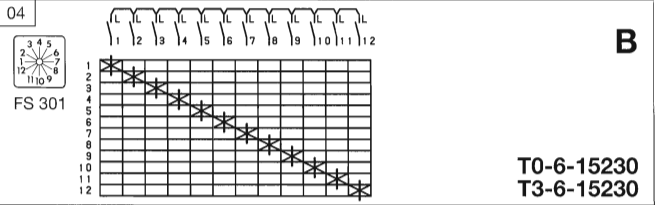
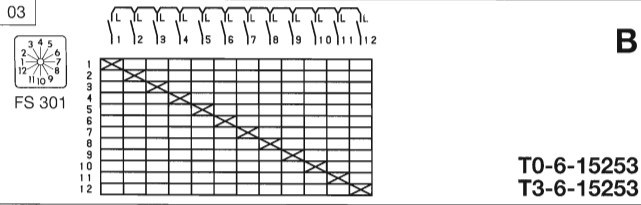
Contacts

11...

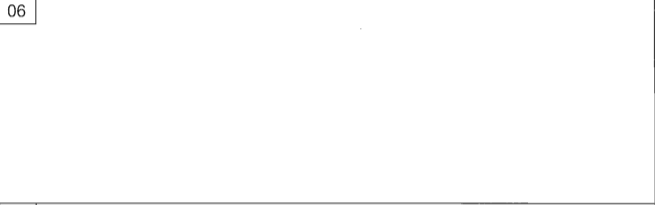
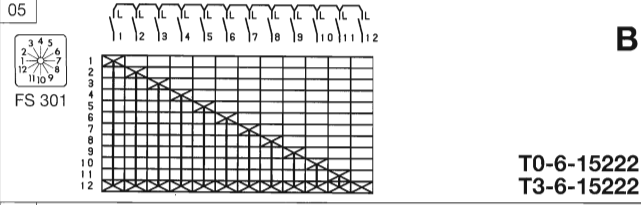
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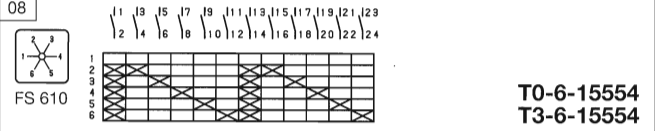
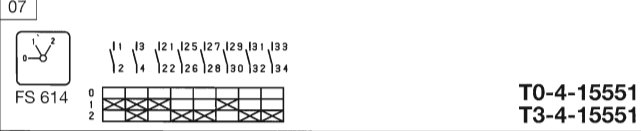


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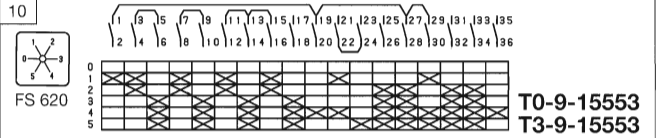
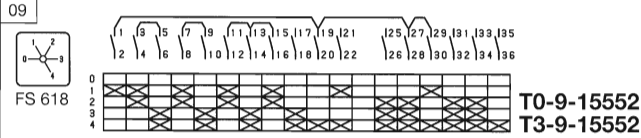
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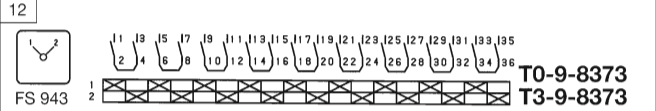
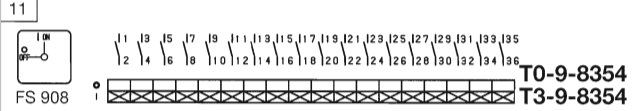


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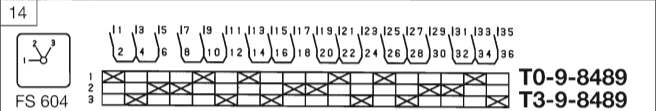
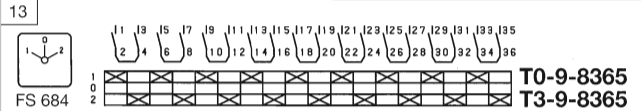
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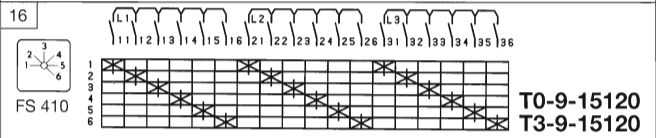
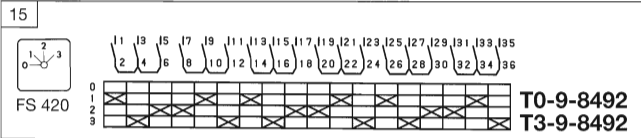
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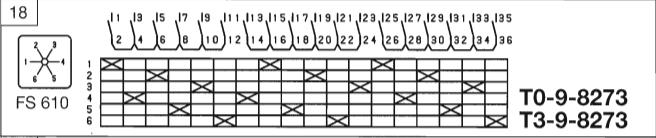
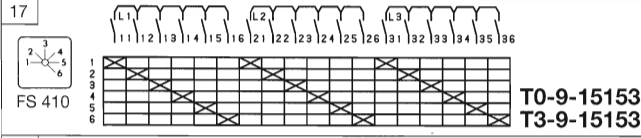
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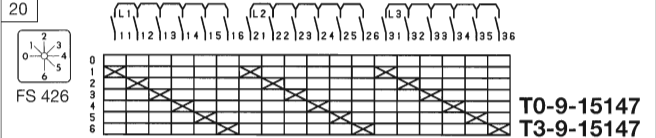
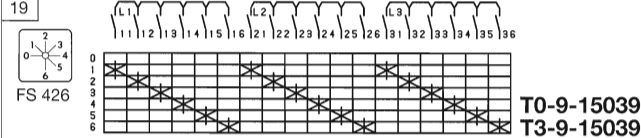
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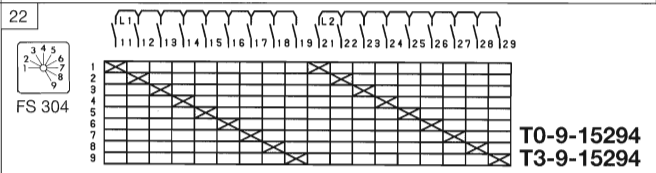
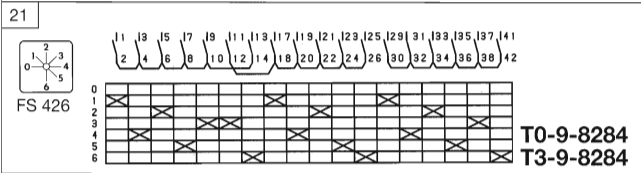
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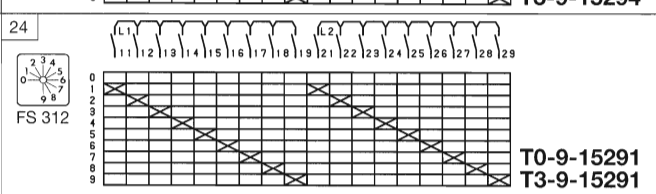
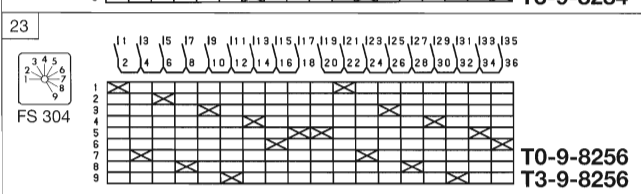
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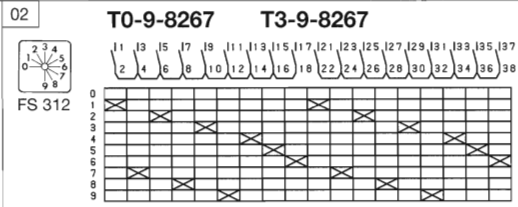
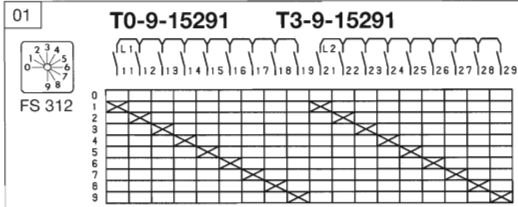


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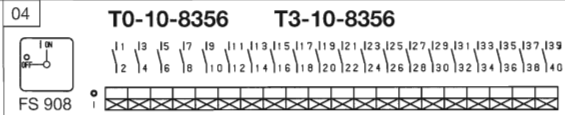
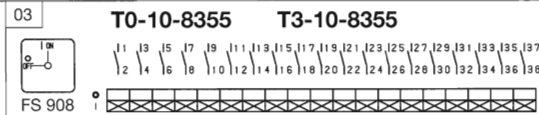


Kontakte
Contacts

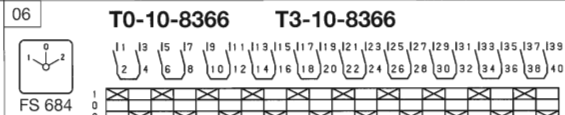
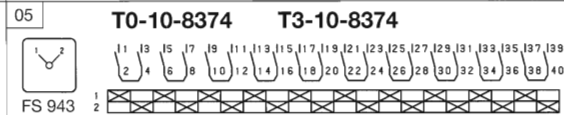
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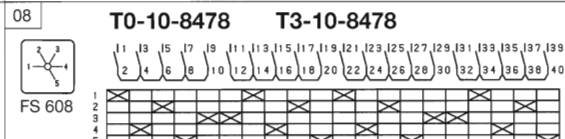
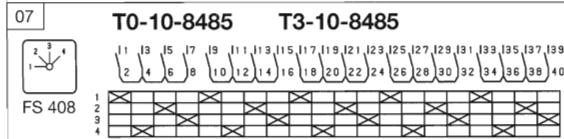
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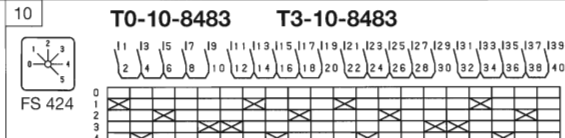
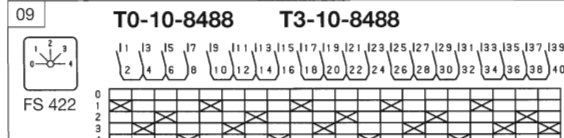
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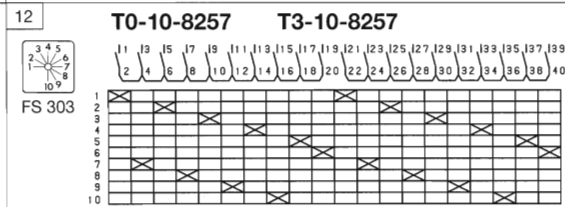
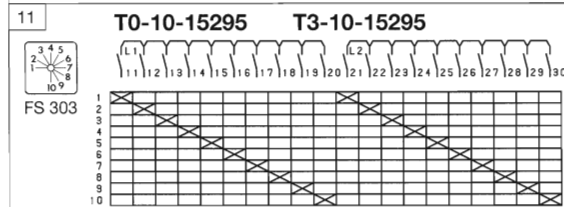
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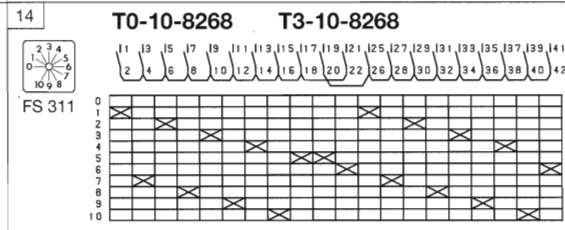
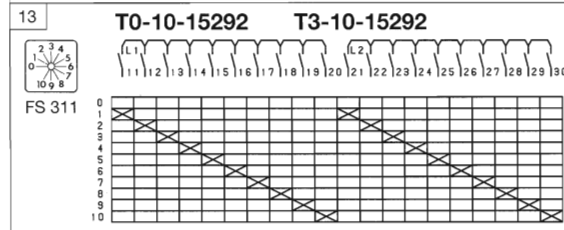
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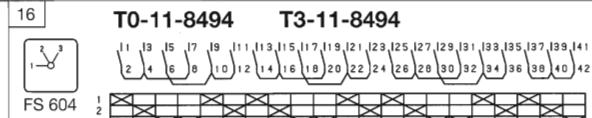
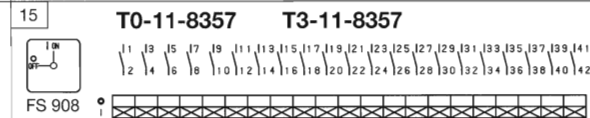
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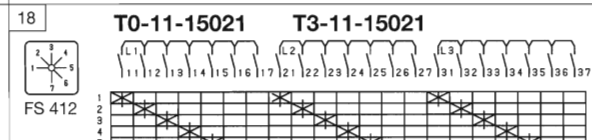
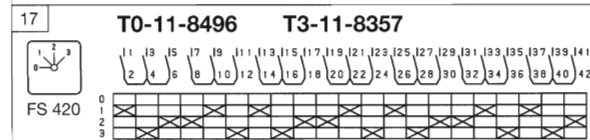
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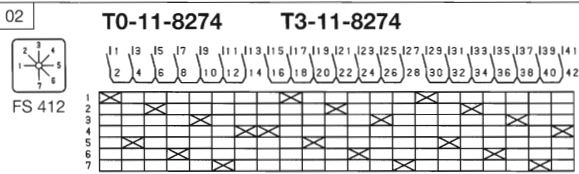
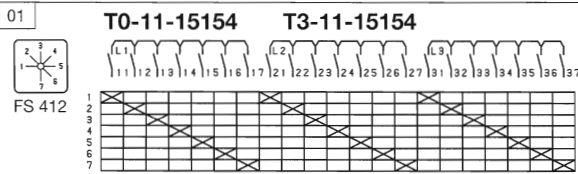
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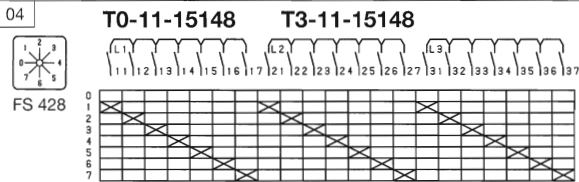
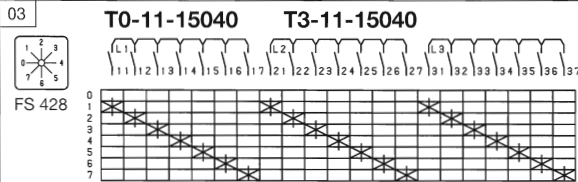
Kontakte

Contacts

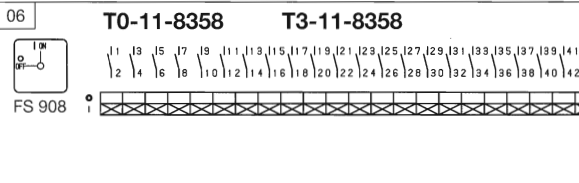
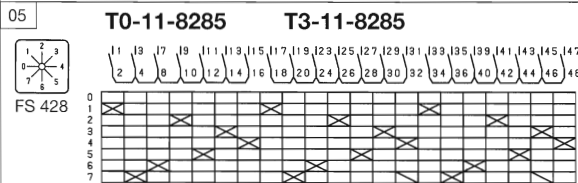
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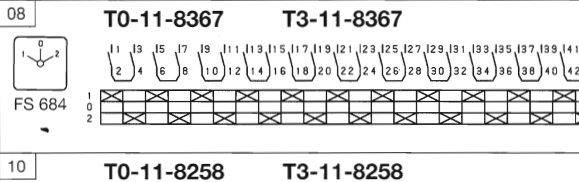
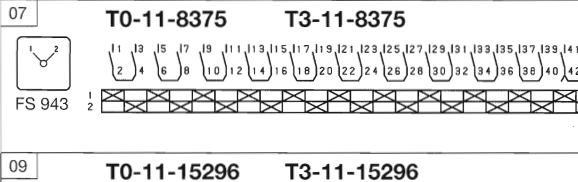
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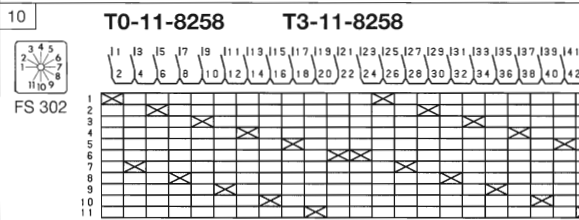
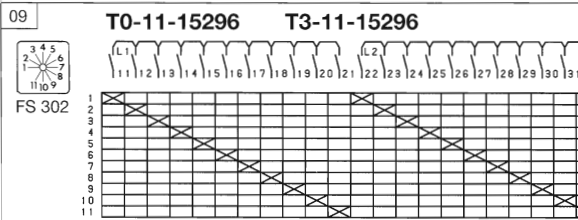
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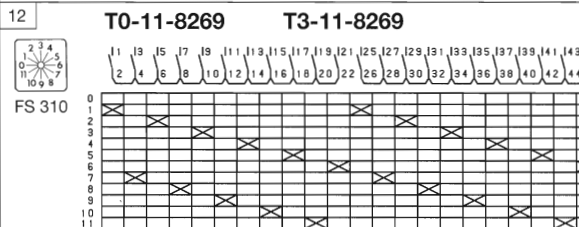
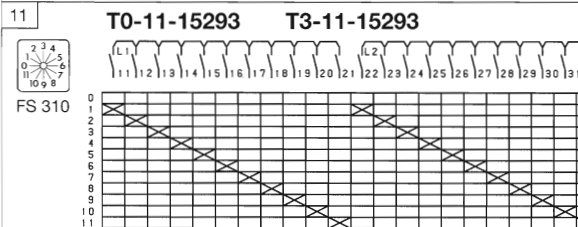
22



22



22



nach Verwendungszweck
by application
classés par type d'application

Baugröße T0, T3 bis $I_u = 32\text{ A}$
Switch size T0, T3 up to $I_u = 32\text{ A}$
Modèle T0, T3 jusqu'à $I_u = 32\text{ A}$

2/01

Verwendungszweck

Die Angabe eines Verwendungszweckes, wie „Polumschalter“ bezeichnet das Haupteinsatzgebiet. Der Schalter ist genauso gut als Steuerungsschalter oder z. B. Heizungsschalter einsetzbar, wenn die Schaltung und die technischen Daten mit der Projektierung übereinstimmen.

Application

An application such as “Multi-speed switches” defines the main area of application. The switch can be used just as well as a control switch or e. g. heater switch if the contact sequence and the technical data meet design requirements.

Type d'application

L'indication d'un type d'application comme «Commutateur de pôles» désigne le principal domaine d'utilisation de l'appareil. Ce dernier peut toutefois être utilisé pour d'autres applications (commutateur de commande ou de chauffage, par exemple), à condition que le schéma et les caractéristiques techniques soient adaptées.

Hauptschalter Reparaturschalter Sicherheitsschalter EIN-AUS-Schalter	Main switches Maintenance switch Safety switch ON-OFF switch	Interrupteurs généraux Interrupteurs de réparation Interrupteurs de sécurité Commutateurs Marche-Arrêt
Umschalter	Changeover switches	Inverseurs
Wende-Schalter	Reversing switches	Inverseurs de marche
Stern-Dreieck-Schalter	Star-delta switches	Commutateurs étoile-triangle
Wende-Stern-Dreieck-Schalter	Reversing star-delta switches	Inverseurs étoile-triangle
Polumschalter	Speed switches	Commutateurs de pôles
Wende-Polumschalter	Speed reversing switches	Inverseurs-commutateurs de pôles
Polumschalter 2 Drehzahlen, 2 getrennte Wicklungen 3 Drehzahlen, 2 getrennte Wicklungen 3 Drehzahlen, 1 Wicklung 4 Drehzahlen, 2× Dahlander	Speed switches 2 speeds, 2 separate windings 3 speeds, 2 separate windings 3 speeds, 1 winding 4 speeds, 2 tapped windings	Commutateurs de pôles 2 vitesses, 2 enroulements séparés 3 vitesses, 2 enroulements séparés 3 vitesses, 1 enroulement 4 vitesses, 2 couplages «Dahlander»
Mehr-Motoren-Schalter	Multi motor switches	Commutateurs pour plusieurs moteurs
Hilfsphasen-Schalter	Single-phase switches	Commutateurs de phases auxiliaires
Steuermotorenschalter	Switches for servo-motors	Commutateurs pour servo-moteurs
Synchronisierschalter	Synchronizing switches	Sélecteurs de synchronisation
Heizungsschalter	Heater switches	Commutateurs de chauffage
Stufenschalter mit/ohne Nullstellung mit unterbrechungsloser Umschaltung mit Zuschaltung von Stufen mit Nullstellung	Step switches with/without “OFF”-position with non-interrupted changeover with incremental steps with “OFF”-position	Commutateurs à gradins avec/sans position «0» sans interruption à la commutation mise en service de crans avec position «0»
Spannungsmesser-Umschalter	Voltmeter selector switches	Commutateurs de voltmètre
Strommesser-Umschalter	Ammeter selector switches	Commutateurs d'ampèremètre
Spannungs-Strommesser-Umschalter	Voltmeter-ammeter selector switches	Commutateurs de voltmètre/ampèremètre
Leistungsmesser-Umschalter	Wattmeter selector switches	Commutateurs de wattmètre
Leistungsfaktormesser-Umschalter	Power factor selector switches	Commutateurs de mesure de cos phi
Meßstellen-Umschalter	Test-point selector switches	Commutateurs de points de mesure
Steuerschalter Tastschalter Stellschalter Umschalter	Control switches Impulse switches Stay-put switch Changeover switches	Commutateurs de commande Commutateurs à retour automatique Commutateurs à position stables Inverseurs
Programmschalter	Mode selector switches	Sélecteurs de service
Wechselstromschalter	A.C. switches	Commutateurs pour courant alternatif
Codierschalter	Coding switches	Commutateurs de codage
Spezialschalter	Special switches	Commutateurs spéciaux
Standardisierte Verriegelungen	Standard interlock	Verrouillage standards
Betriebsarten-Wahlschalter	Operating mode selector switches	Sélecteurs de modes

Nockenschalter / Rotary switches / Commutateurs à cames
Standardschaltungen / Standard contact sequences / Schémas standards

Baugröße / Switch size / Taille

T0	T3	T5B	T5
Bemessungsbetriebsleistung AC-3 / Rated operational power AC-3 / Puissance assignées d'emploi AC-3			
4 kW (380 – 440 V)	11 kW (380 – 440 V)	22 kW (380 – 440 V)	37 kW (380 – 440 V)
Bemessungsdauerstrom / Rated uninterrupted current / Courant assigné ininterrompu			
20 A	32 A	63 A	100 A
2/04		3/03	
2/04		3/03	
2/06 + 2/78		3/02 + 3/05	
2/07 + 2/78		3/06	
2/11		3/11	
2/13		3/13	
2/16		3/17	
2/17		3/18	
2/20		3/21	
2/21		3/22	
2/24		3/25	
2/30 + 2/79		3/32	
2/31 + 2/80		3/33	
2/31		3/34	
2/32		3/35	
2/34			
2/34			
2/35		3/37	
2/37 + 2/81		3/39	
2/49 + 2/81		3/56	
2/54		3/58	
2/56			
2/58			
2/60		3/60	
2/62			
2/63			
2/63			
2/65			
2/66		3/61	
2/70		3/63	
2/72		3/64	
2/74			
2/75		3/65	
2/76			
2/77			
		3/66	
2/89			

Schémas standards

Dans cette partie, les schémas sont classés selon leur type d'application et représentés avec leur diagramme de fonctionnement et leur plastron.

Vous trouverez dans la partie 1 les commutateurs standards classés selon leur nombre de positions et de contacts.

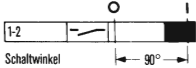
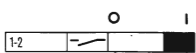
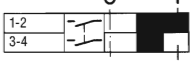
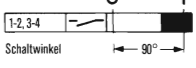
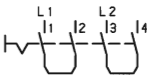
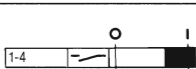
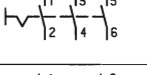
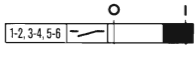
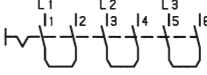
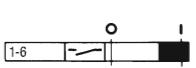
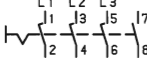
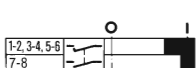
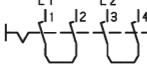
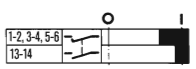
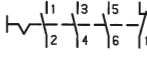
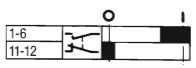
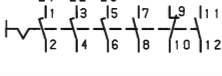
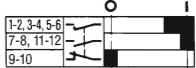
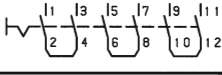
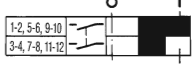
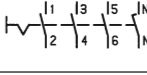
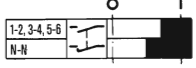
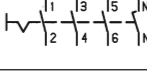
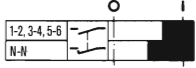
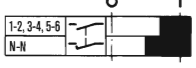
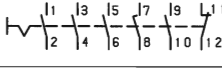
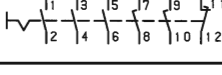
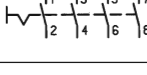
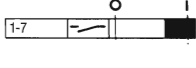
Signification des symboles utilisés dans les schémas:

	Contact fermé
	Contact fermé sans interruption
	Contact fermé avec interruption
	Retour automatique
	Contact à action retardée
	Contact à action avancée
	Contacts chevauchants
	Contact fermé entre 2 positions, contact fugitif dans les deux sens

Main switch, maintenance switch, safety switch
with load-sharing contacts and (or) position indicator
Interrupteurs généraux, interrupteurs de réparation,
interrupteurs de sécurité
avec contact «de précoopure» et (ou) indicateur de position

Hauptschalter, Reparaturschalter,
Sicherheitsschalter

mit Lastabwurfkontakt und (oder) Schaltstellungsmeldung

Haupt- strom- bahnen Main contacts Poles principaux	Hilfstrombahnen Auxiliary contacts Contacts auxiliaires			Kontakte Contacts Contacts	Schalt- diagramm Contact diagram Diagrammes	 FS 908 Typ Type
	Schließer M Make F Travail △ sond 30	Öffner B Break O Repos △ sond 29	Wischer Fleeting contact Contact fugitif			
1	—	—	—			T0-1-8200 T3-1-8200
1	—	—	—			T0-1-15263 T3-1-15263
1	—	—	1			T0-1-15521 T3-1-15521
2	—	—	—			T0-1-102 T3-1-102
2	—	—	—			T0-2-15267 T3-2-15267
2	—	—	2			T0-2-15522 T3-2-15522
3	—	—	—			T0-2-1 T3-2-1
3	—	—	—			T0-3-12 T3-3-12
3	1	—	—			T0-2-15679 T3-2-15679
3	1	—	—			T0-1-15256 T3-1-15256
3	—	1	—			T0-2-113 T3-2-113
3	2	1	—			T0-3-15683 T3-3-15683
3	—	—	3			T0-3-15523 T3-3-15523
3+N	—	—	—			T0-2-8293 T3-2-8293
3+N	—	—	—			T0-2-10 T3-2-10
3+N	—	—	—			T0-4-22 T3-4-22
3+N	1	1	—			T0-3-15680 T3-3-15680
3+N	1	1	—			T0-3-15681 T3-3-15681
4	—	—	—			T0-2-8324 T3-2-8324

Main switch, maintenance switch, safety switch
with load-sharing contacts and (or) position indicator
Interrupteurs généraux, interrupteurs de réparation,
interrupteurs de sécurité
avec contact «de précoupure» et (ou) indicateur de position

Hauptschalter, Reparaturschalter,
Sicherheitsschalter

Haupt- strom- bahnen Main contacts Poles principaux	Hilfstrombahnen* Auxiliary contacts Contacts auxiliaires		Kontakte Contacts Contacts	Schalt- diagramm Contact diagram Diagrammes	 FS 908 Typ Type
	Schließer M Make F Travail △ sond30	Öffner B Break O Repos △ sond29			
5	—	—			T0-3-8341 T3-3-8341
6	—	—			T0-3-8342 T3-3-8342
6	—	—			T0-6-13 T3-6-13
6	1	1			T0-4-15164 T3-4-15164
6	1	1			T0-4-15682 T3-4-15682
6	2	—			T0-4-15700 T3-4-15700
6	2	—			T0-7-15701 T3-7-15701
7	—	—			T0-4-8343 T3-4-8343
8	—	—			T0-4-8344 T3-4-8344
9	—	—			T0-5-8345 T3-5-8345
9	2	1			T0-6-15168 T3-6-15168
10	—	—			T0-5-8346 T3-5-8346
11	—	—			T0-6-8347 T3-6-8347
12	—	—			T0-6-8348 T3-6-8348
13	—	—			T0-7-8349 T3-7-8349
14	—	—			T0-7-8350 T3-7-8350
15	—	—			T0-8-8351 T3-8-8351
16	—	—			T0-8-8352 T3-8-8352

* Die technischen Daten unseres Hauptkatalogs gelten für alle Strombahnen.

Pole Poles Pôles		Typ Type Type				
1	1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-1-15471	T3-1-15471		FS 945	
2		T0-1-15472	T3-1-15472			
3		T0-2-15473	T3-2-15473			
4		*) T0-2-15474	T3-2-15474			
5		T0-3-15475	T3-3-15475			
6		T0-3-15476	T3-3-15476			
1	1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-1-15481	T3-1-15481		FS 907	
2		T0-1-15482	T3-1-15482			
3		T0-2-15483	T3-2-15483			
4		*) T0-2-15484	T3-2-15484			
4	1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-2-8064	T3-2-8064		FS 907	
4	1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-2-8324	T3-2-8324		FS 908	
2	1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-1-8201	T3-1-8201		FS 611	
3		T0-2-8202	T3-2-8202			
4		T0-2-8203	T3-2-8203			
3		1 2 3 4 5 6 7 8 9 10 11 12 O I X X X X X X X X X X X X	T0-2-8224			T3-2-8224
4	*) T0-2-8225	T3-2-8225				
2	1 2 3 4 5 6 7 8 9 10 11 12 O I O I X X X X X X X X X X X X	T0-1-15108	T3-1-15108		FS 926 Mit Rundschtaltung Complete rotation Commutation sans butée	
4		T0-2-8060	T3-2-8060			
4		*) T0-2-15042	T3-2-15042			
4		*) T0-2-15042	T3-2-15042			
1	1 2 3 4 5 6 7 8 9 10 11 12 O I O I X X X X X X X X X X X X	T0-1-8001	T3-1-8001		FS 925 Mit Rundschtaltung Complete rotation Commutation sans butée	
2		T0-1-8002	T3-1-8002			
3		T0-2-8208	T3-2-8208			
3		T0-2-8208	T3-2-8208			
3		T0-2-8208	T3-2-8208			
3		T0-2-8208	T3-2-8208			

*) N = voreilend ein / early make neutral / neutre à fermeture avancée

Pole

Poles

Pôles

Typ

Type

Type

1		T0-1-8220	T3-1-8220	FS 943
2		T0-2-8221	T3-2-8221	
3		T0-3-8222	T3-3-8222	
4		T0-4-8223	T3-4-8223	
5		T0-5-8369	T3-5-8369	
6		T0-6-8370	T3-6-8370	
7		T0-7-8371	T3-7-8371	
8		T0-8-8372	T3-8-8372	

1		T0-1-15441	T3-1-15441	FS 902
2		T0-2-15442	T3-2-15442	
3		T0-3-15443	T3-3-15443	

1		T0-1-34	T3-1-34	FS 943
2		T0-2-39	T3-2-39	
3		T0-3-50	T3-3-50	
4		T0-4-90	T3-4-90	

1		T0-1-15541	T3-1-15541	FS 196536
2		T0-2-15542	T3-2-15542	
3		T0-3-15543	T3-3-15543	

mit Rückzug nach „1“

with spring return to "1"

avec retour automatique

en position «1»

1		T0-1-8295	T3-1-8295	FS 496
2		T0-2-8296	T3-2-8296	
3		T0-3-8297	T3-3-8297	

Commutateurs de groupe
avec position zéro
(Interrupteurs de groupe)

Moeller K115

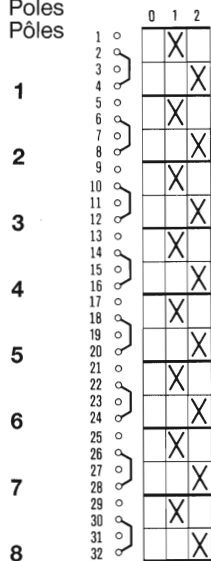
Pole
Poles
Pôles

Typ
Type
Type

mit Rückzug nach „0“
with spring return to "0"
avec retour automatique en position «0»

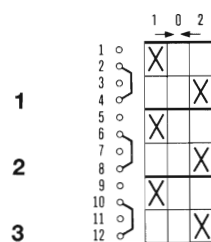


FS 644



T0-4-8480

T3-4-8480



T0-8-8498

T3-8-8498

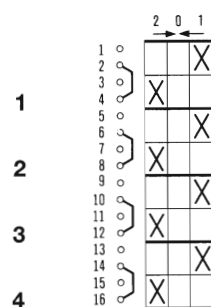
mit Rückzug nach „0“
with spring return to "0"
avec retour automatique en position «0»

T0-1-8214

T3-1-8214



FS 4011



T0-2-8215

T3-2-8215

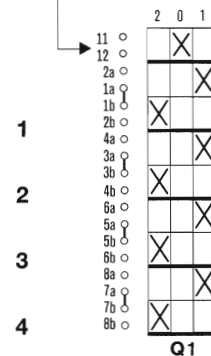
T0-3-8216

T3-3-8216



FS 458

mit Verriegelung (SOND 29)*
with interlocking provision (SOND 29)*
avec verrouillage (SOND 29)*



T0-3-38

T3-3-38

T0-4-48

T3-4-48

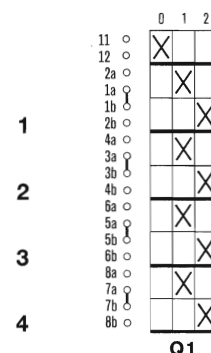
T0-5-89

T3-5-89

SOND 29



FS 621



T0-3-36

T3-3-36

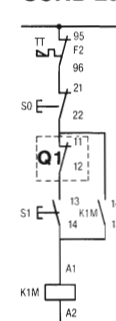
T0-4-47

T3-4-47

T0-5-87

T3-5-87

SOND 29

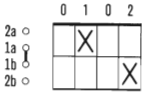


FS 644

Pole
Poles
Pôles

Rundschaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

1

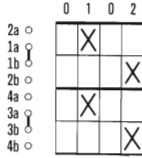


T0-1-15043
T3-1-15043



FS 928

2

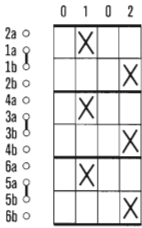


T0-2-15044
T3-2-15044



FS 928

3

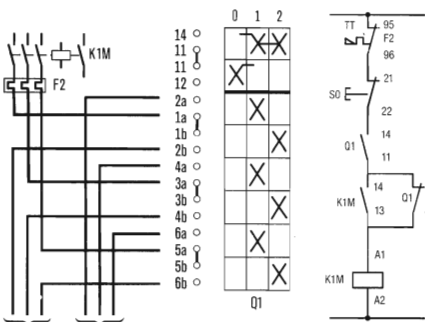


T0-3-15045
T3-3-15045



FS 928

3



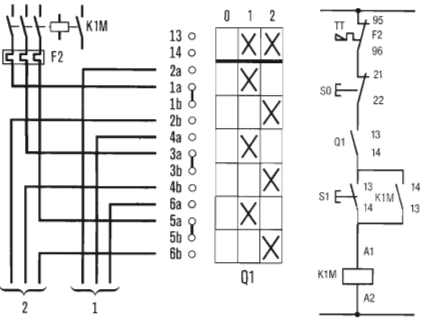
T0-4-46
T3-4-46



FS 644

mit Verriegelung (SOND 28)*
with interlocking provision (SOND 28)*
avec verrouillage (SOND 28)*

3



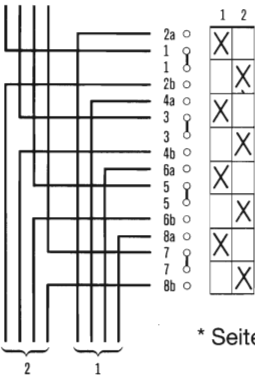
T0-4-135
T3-4-135



FS 644

mit Verriegelung (SOND 30)*
with interlocking provision (SOND 30)*
avec verrouillage (SOND 30)*

4



T0-4-15185
T3-4-15185

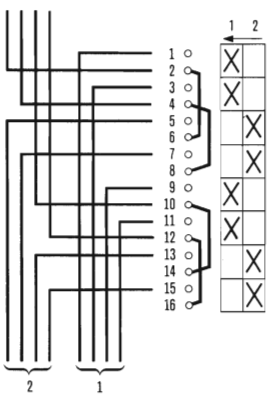


FS 601

* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

4



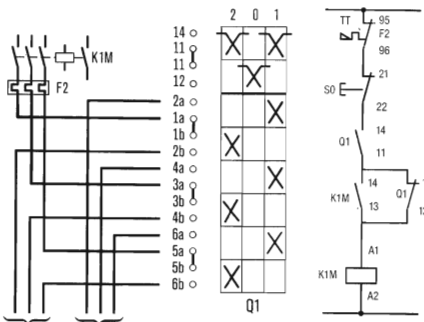
T0-4-8298
T3-4-8298



FS 496

mit Rückzug nach „1“
with spring return to „1“
avec retour automatique en position «1»

3



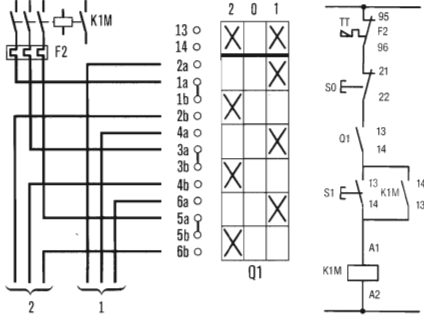
T0-4-49
T3-4-49



FS 621

mit Verriegelung (SOND 28)*
with interlocking provision (SOND 28)*
avec verrouillage (SOND 28)*

3



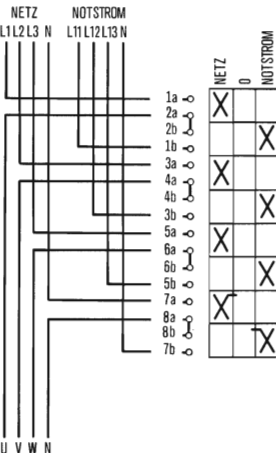
T0-4-106
T3-4-106



FS 621

mit Verriegelung (SOND 30)*
with interlocking provision (SOND 30)*
avec verrouillage (SOND 30)*

3



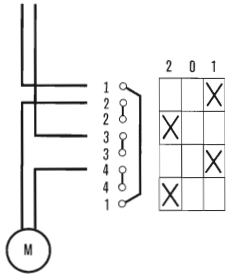
T0-4-41
T3-4-41



FS 161629

Pole
Poles
Pôles

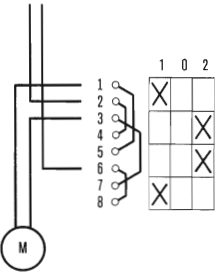
2



T0-2-18
T3-2-18



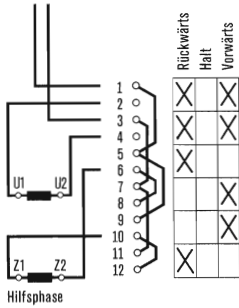
FS 621



T0-2-8400
T3-2-8400



FS 684



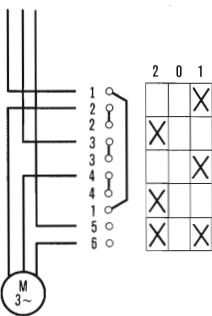
T0-3-8622
T3-3-8622



FS 160595

mit dauernd eingeschalteter **Hilfsphase**
with permanently connected **auxiliary phase**
avec **phase auxiliaire** fermée en permanence

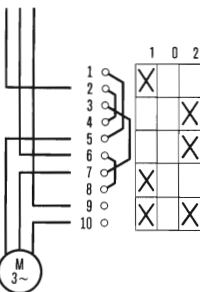
3



T0-3-2
T3-3-2



FS 621

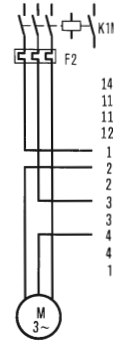


T0-3-8401
T3-3-8401



FS 684

Pole
Poles
Pôles



T0-3-15190
T3-3-15190

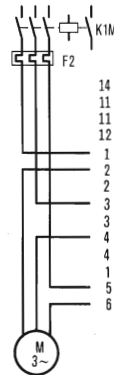


FS 913

mit Verriegelung (sond 27)*
(3. Phase nur über Schütz)

with interlocking provision (sond 27)*
3rd phase via contactor only

avec verrouillage (sond 27)*
3e phase par contacteur seulement

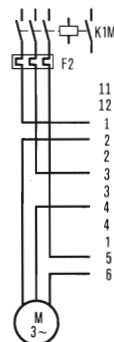


T0-4-131
T3-4-131



FS 621

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*



T0-3-20
T3-3-20

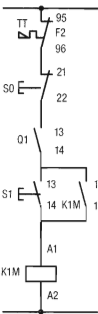
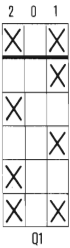
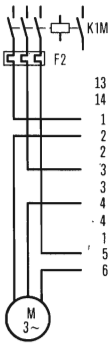


FS 621

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

Pole
Poles
Pôles

3

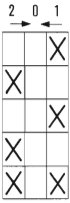
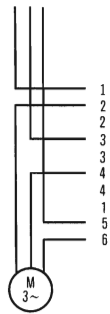


T0-3-123
T3-3-123



FS 621

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

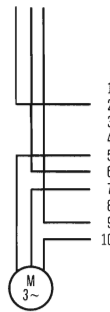


T0-3-190
T3-3-190



FS 458

mit Rückzug nach „0“
with spring return to „0“
avec retour automatique en position «0»

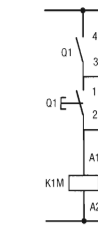
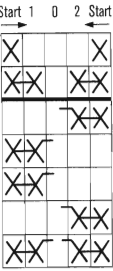
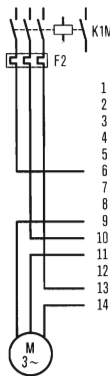


T0-3-8228
T3-3-8228



FS 4011

mit Rückzug nach „0“
with spring return to „0“
avec retour automatique en position «0»



T0-4-8402
T3-4-8402

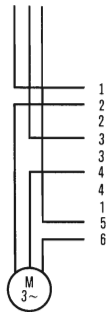


FS 140273

mit Rückzug von „start“ nach „1“ und „2“
with spring return from start to „1“ and „2“
avec retour automatique en position
«1» et «2»

Pole
Poles
Pôles

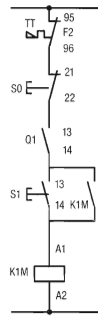
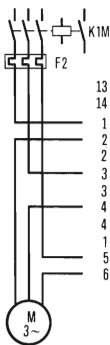
3



T0-3-115
T3-3-115



FS 943

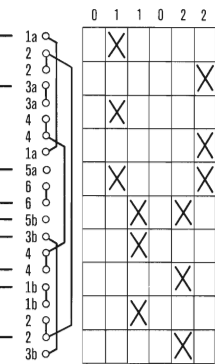
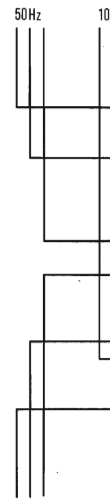


T0-3-21
T3-3-21



FS 601

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



T0-5-15643
T3-5-15643

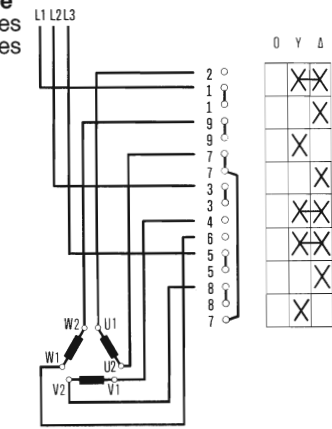


FS 161678

Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

Pole
Poles
Pôles

3

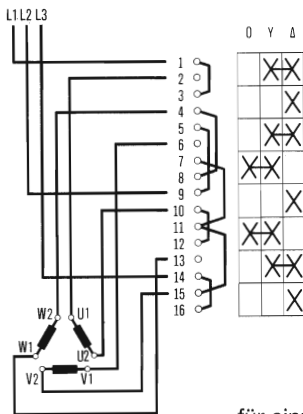


	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

**T0-4-3
T3-4-3**



FS 635

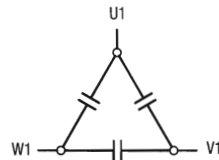


	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

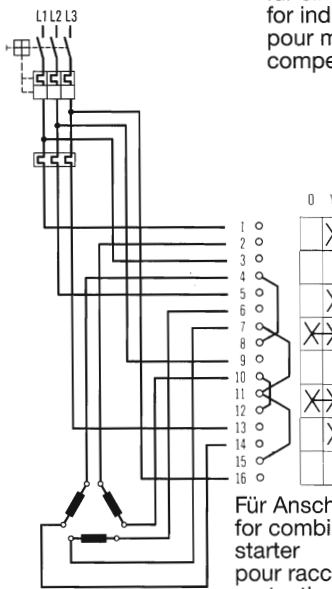
**T0-4-8410
T3-4-8410**



FS 635



für einzelkompensierte Motoren
for individually compensated motors
pour moteurs individuellement
compensés



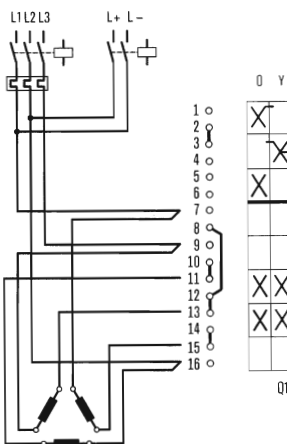
	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

**T0-4-8418
T3-4-8418**



FS 635

Für Anschluß von Motorschutzschalter
for combination with manual motor
starter
pour raccordement de disjoncteur de
protection



	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

**T0-4-15067
T3-4-15067**

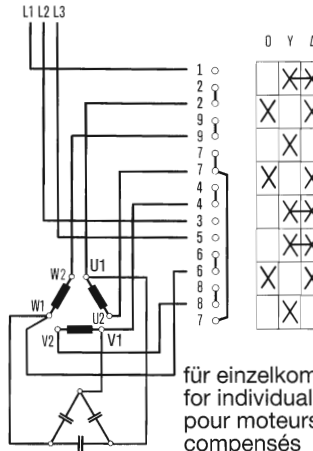


FS 635

A1 Bremsgerät
Braking device
Appareil de freinage

Pole
Poles
Pôles

3



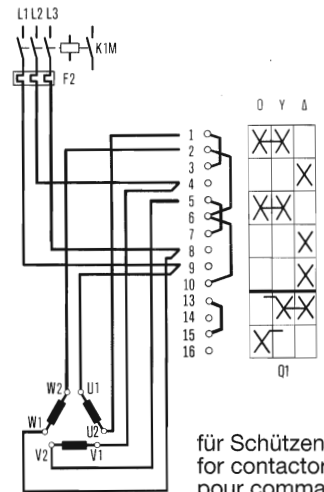
	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

**T0-4-15068
T3-4-15068**



FS 635

für einzelkompensierte Motoren
for individually compensated motors
pour moteurs individuellement
compensés



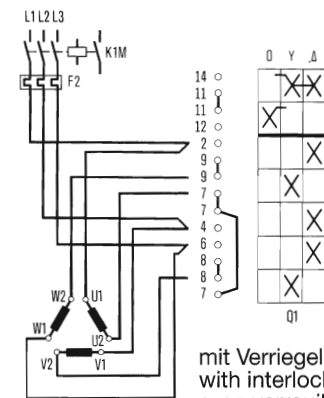
	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

**T0-4-8419
T3-4-8419**



FS 918

für Schützensteuerung (sond 27)*
for contactor control (sond 27)*
pour commande par contacteurs
(sond 27)*



	0	Y	Δ
1	X	X	
2		X	X
3	X		X
4	X	X	
5		X	X
6	X		X
7	X	X	
8		X	X
9	X		X
10	X	X	
11		X	X
12	X		X
13	X	X	
14		X	X
15	X		X
16	X	X	

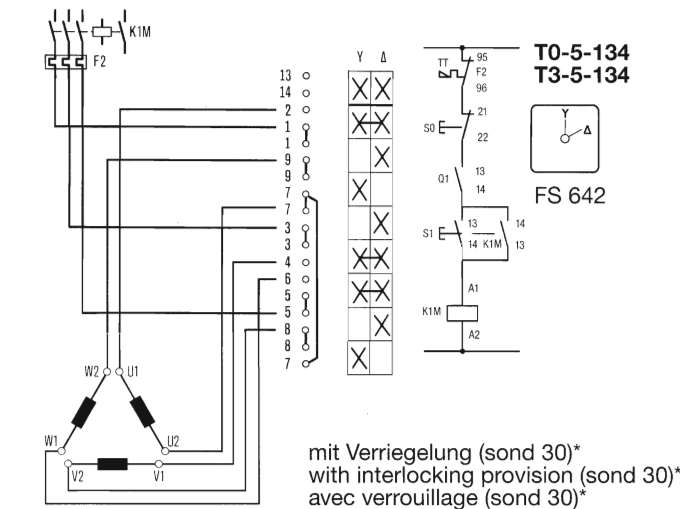
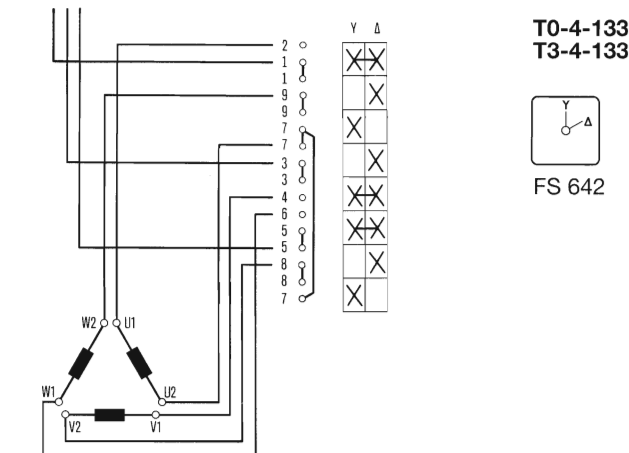
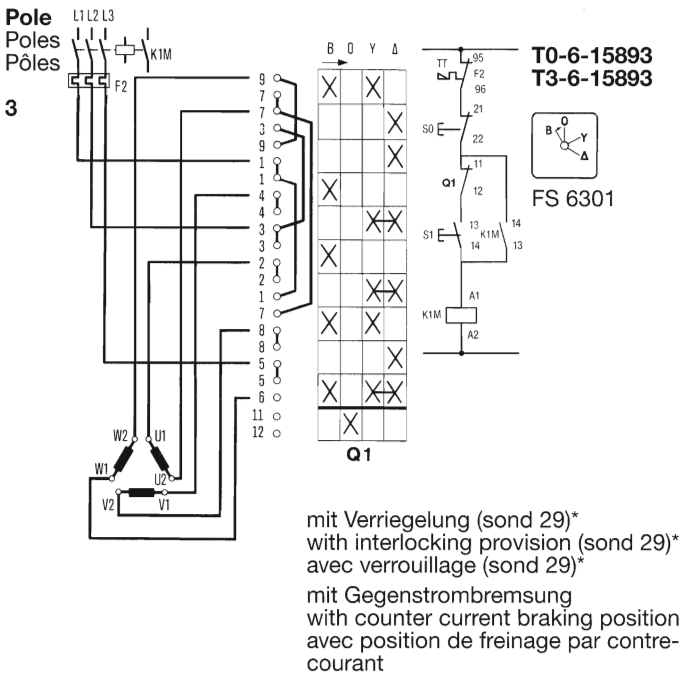
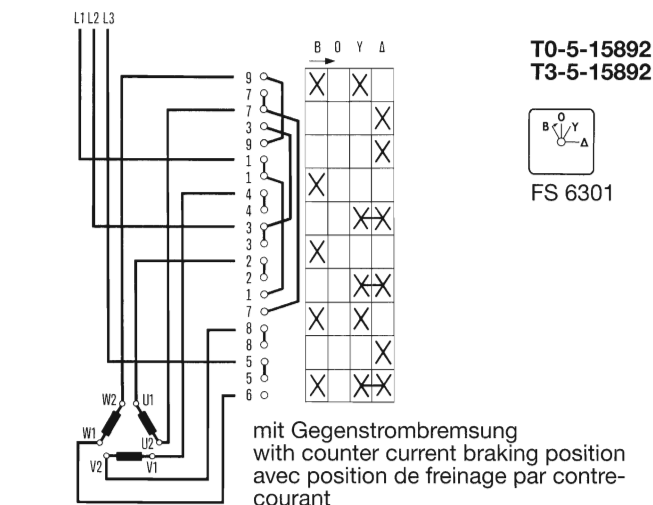
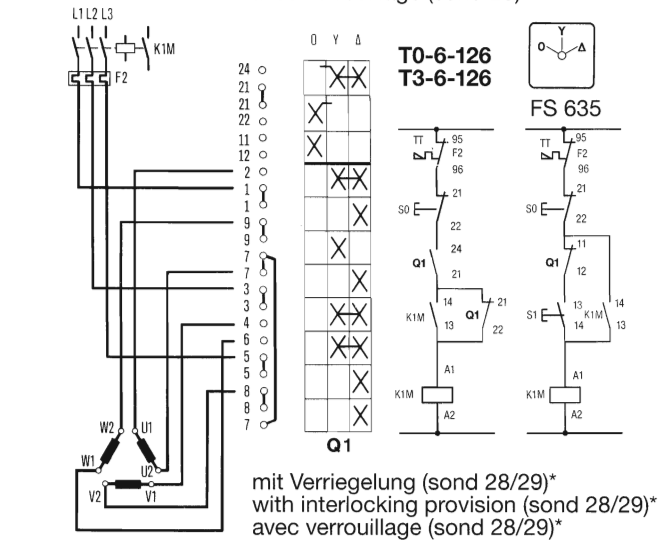
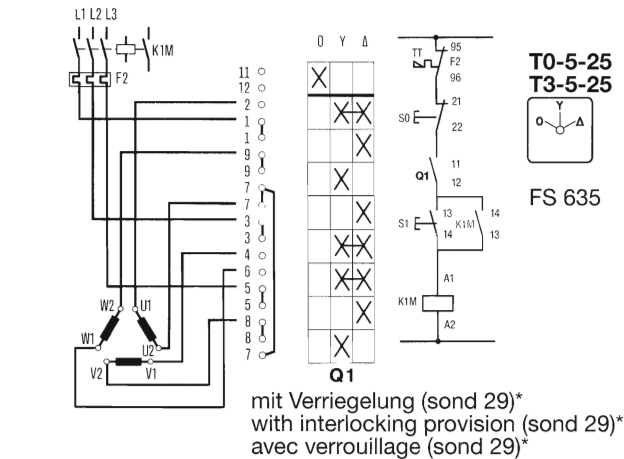
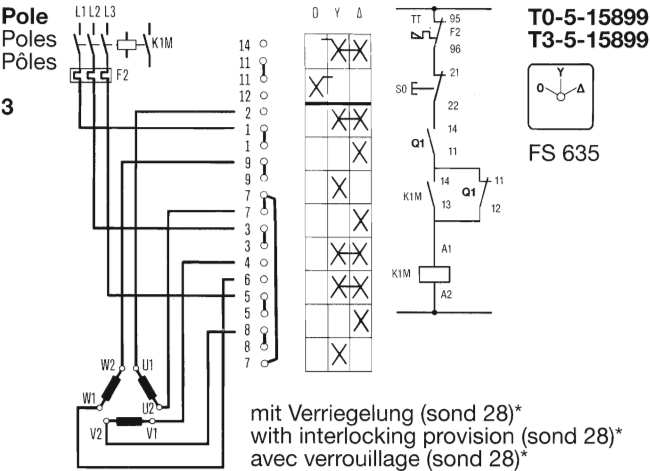
**T0-4-24
T3-4-24**



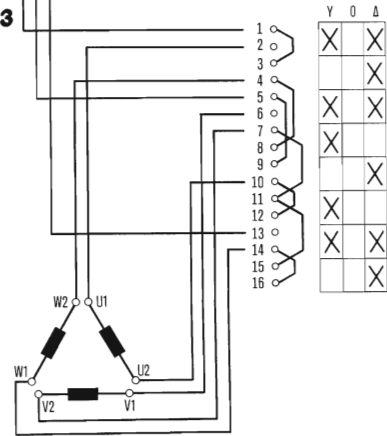
FS 635

mit Verriegelung (sond 27)*
with interlocking provision (sond 27)*
avec verrouillage (sond 27)*

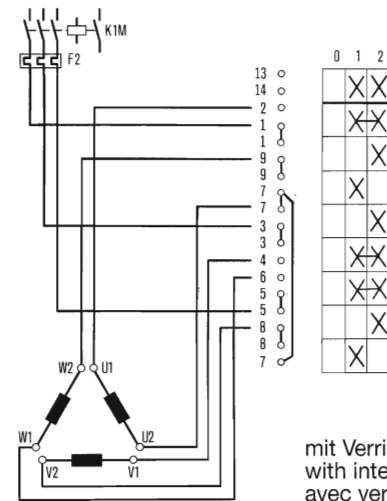
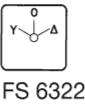
* Seite/Page 3/66 & AWA



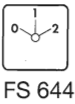
Pole
Poles
Pôles



T0-4-8417
T3-4-8417



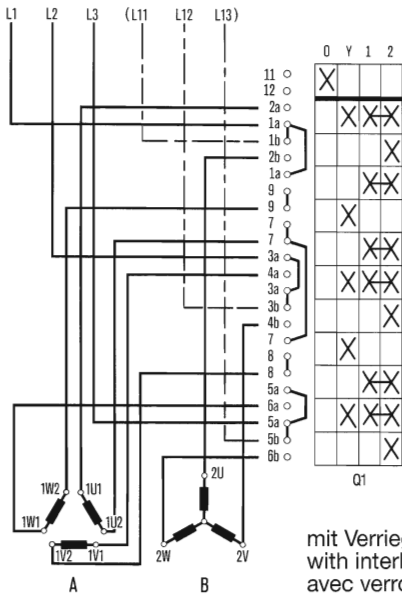
T0-5-15900
T3-5-15900



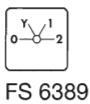
mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

Motor A:
Stern-Dreieck-Anlauf Star-delta starting Démarrage étoile-triangle

Motor B:
Direkt-Anlauf Direct-on-line starting Démarrage direct

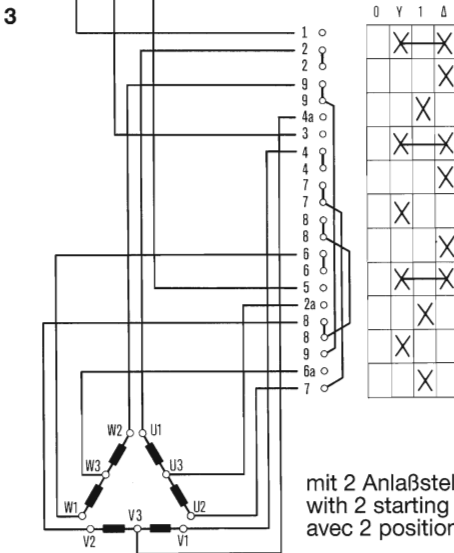


T0-6-15080
T3-6-15080

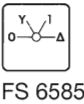


mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

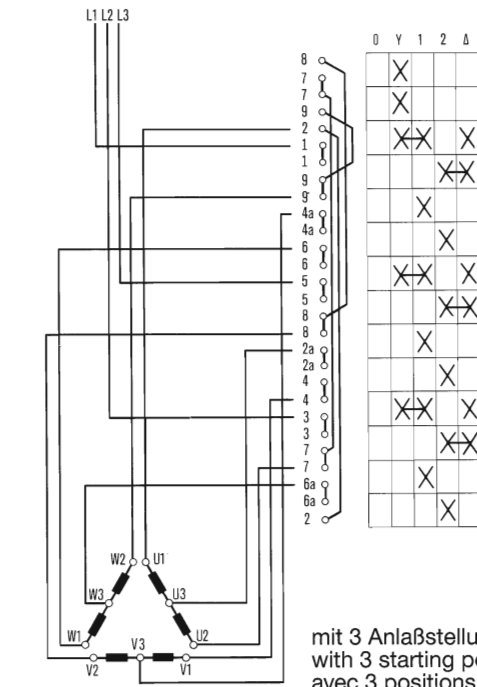
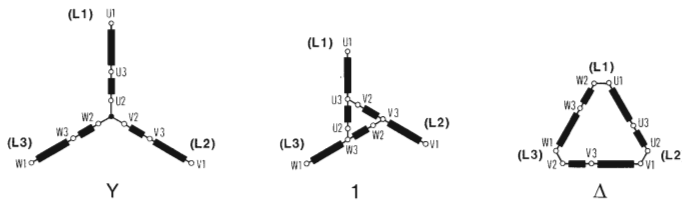
Pole
Poles
Pôles



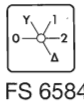
T0-6-15083
T3-6-15083



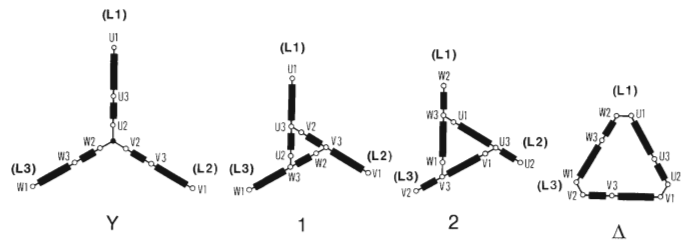
mit 2 Anlaßstellungen
with 2 starting positions
avec 2 positions de démarrage



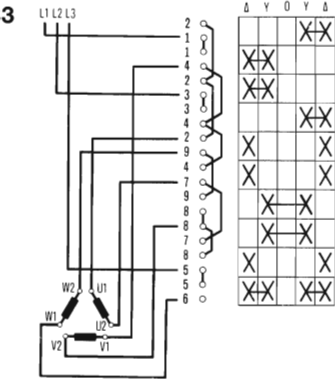
T0-8-15092
T3-8-15092



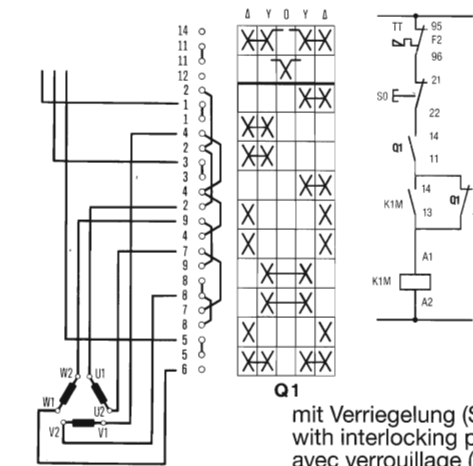
mit 3 Anlaßstellungen
with 3 starting positions
avec 3 positions de démarrage



Pole
Poles
Pôles



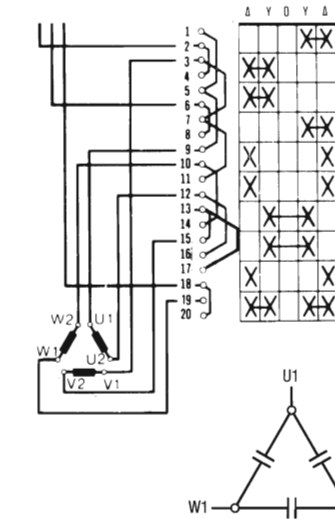
T0-5-15896
T3-5-15896



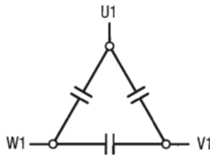
T0-6-15897
T3-6-15897



mit Verriegelung (SOND 28)*
with interlocking provision (SOND 28)*
avec verrouillage (SOND 28)*

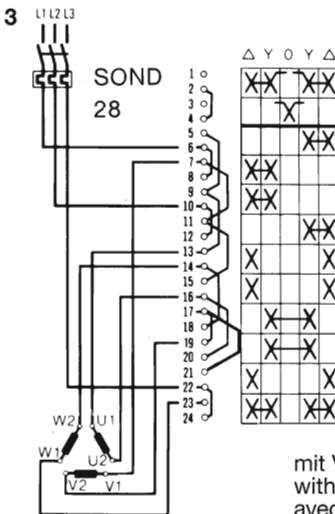


T0-5-15876
T3-5-15876

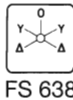


für einzelkompensierte Motoren
for individually compensated motors
pour moteurs individuellement compensés

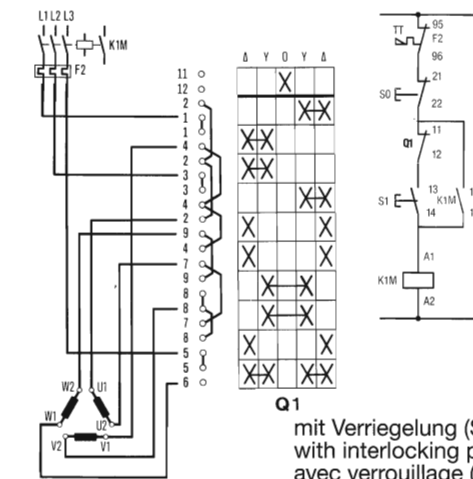
Pole
Poles
Pôles



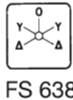
T0-6-15877
T3-6-15877



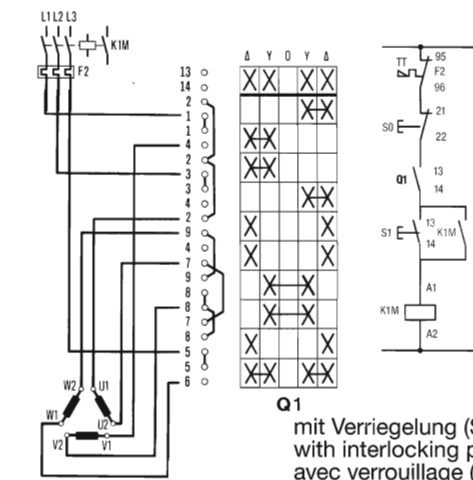
mit Verriegelung (SOND 28)*
with interlocking provision (SOND 28)*
avec verrouillage (SOND 28)*



T0-6-15898
T3-6-15898



mit Verriegelung (SOND 29)*
with interlocking provision (SOND 29)*
avec verrouillage (SOND 29)*

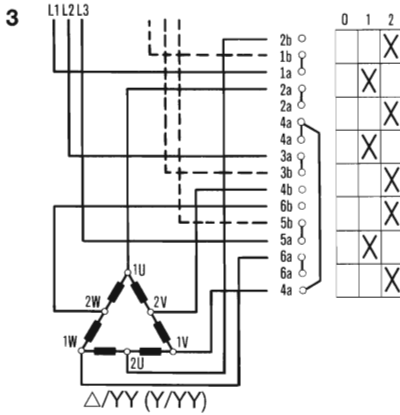


T0-6-15901
T3-6-15901

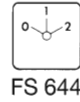


mit Verriegelung (SOND 30)*
with interlocking provision (SOND 30)*
avec verrouillage (SOND 30)*

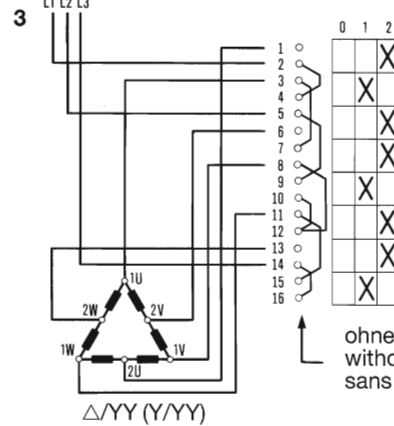
Pole
Poles
Pôles



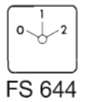
**T0-4-4
T3-4-4**



Pole
Poles
Pôles

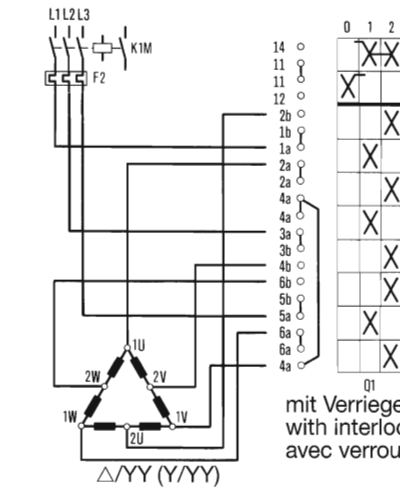


**T0-4-8440
T3-4-8440**

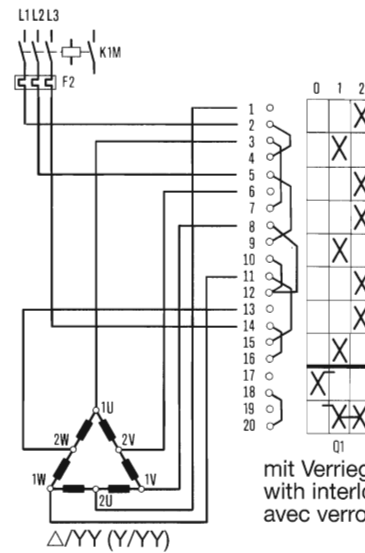
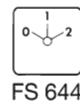


ohne Verbindungen
without links
sans connexions

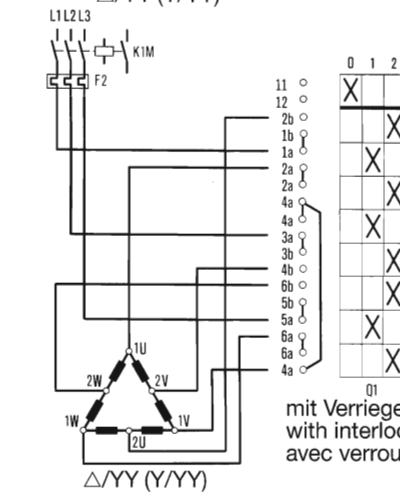
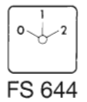
**T0-4-8439
T3-4-8439**



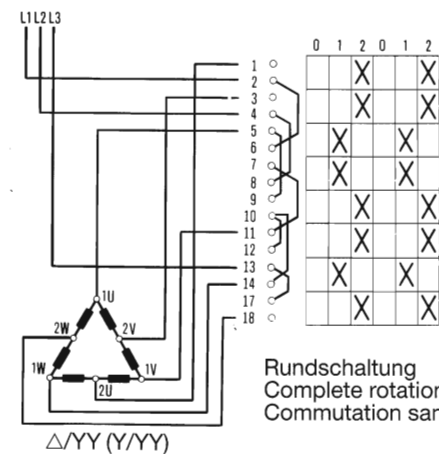
**T0-5-29
T3-5-29**



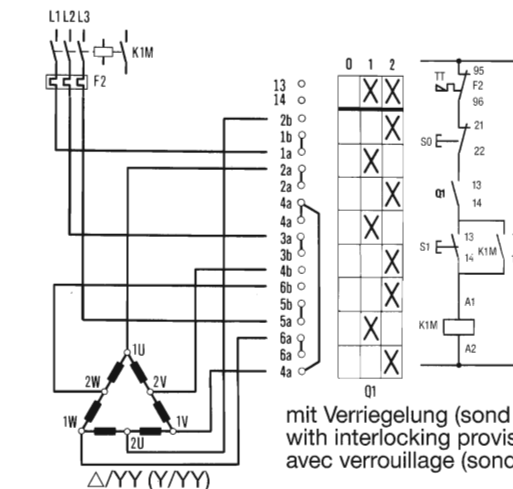
**T0-5-8444
T3-5-8444**



**T0-5-30
T3-5-30**



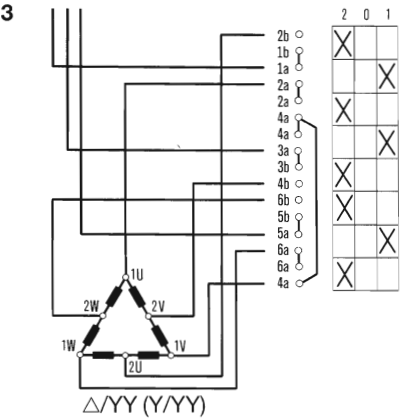
**T0-4-8443
T3-4-8443**



**T0-5-31
T3-5-31**



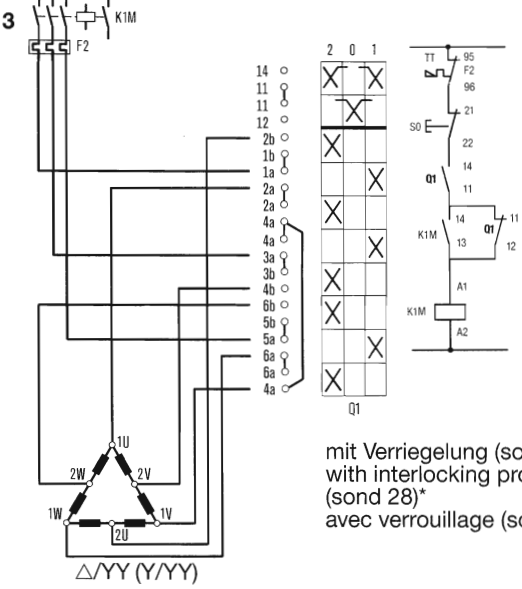
Pole
 Poles
 Pôles



T0-4-5
T3-4-5

 FS 621

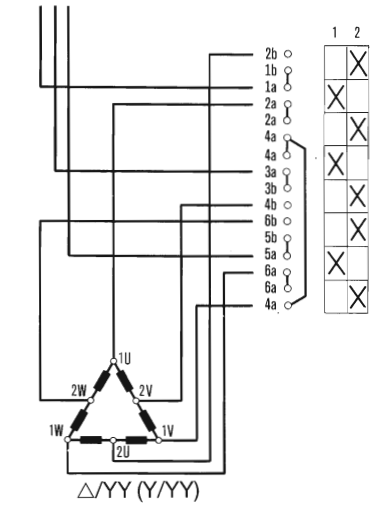
Pole
 Poles
 Pôles



T0-5-32
T3-5-32

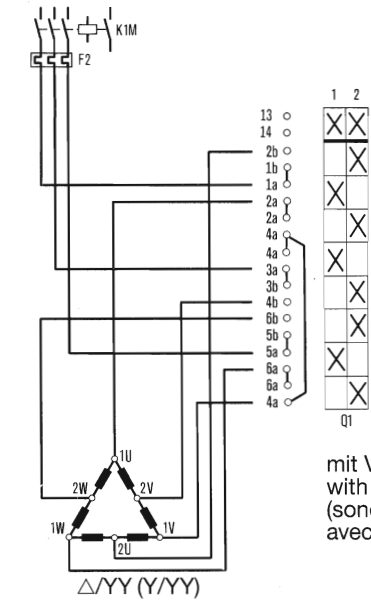
 FS 621

mit Verriegelung (sond 28)*
 with interlocking provision
 (sond 28)*
 avec verrouillage (sond 28)*



T0-4-11
T3-4-11

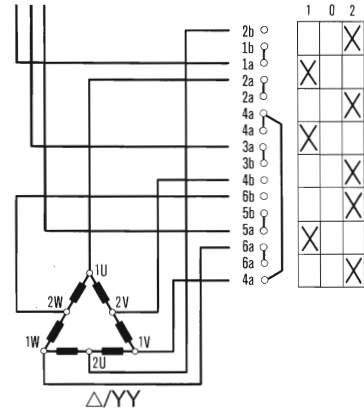
 FS 943



T0-5-119
T3-5-119

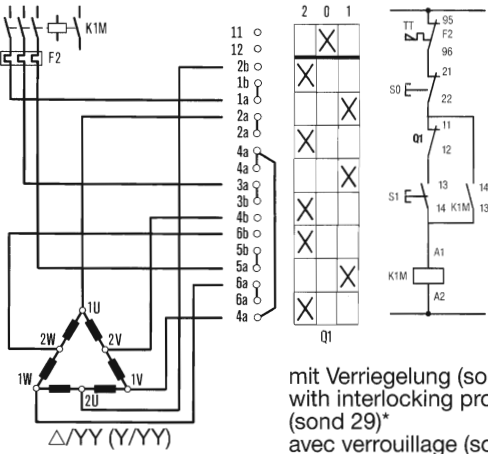
 FS 601

mit Verriegelung (sond 30)*
 with interlocking provision
 (sond 30)*
 avec verrouillage (sond 30)*



T0-4-65
T3-4-65

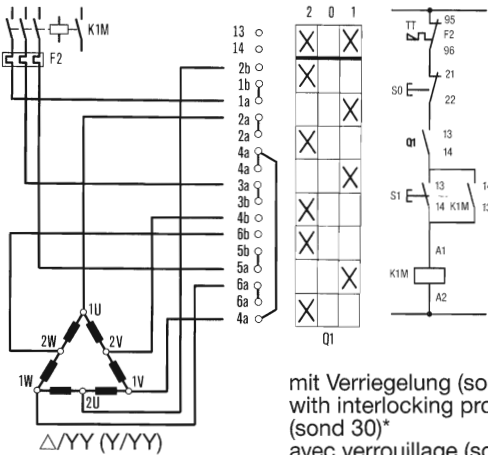
 FS 684



T0-5-33
T3-5-33

 FS 621

mit Verriegelung (sond 29)*
 with interlocking provision
 (sond 29)*
 avec verrouillage (sond 29)*



T0-5-124
T3-5-124

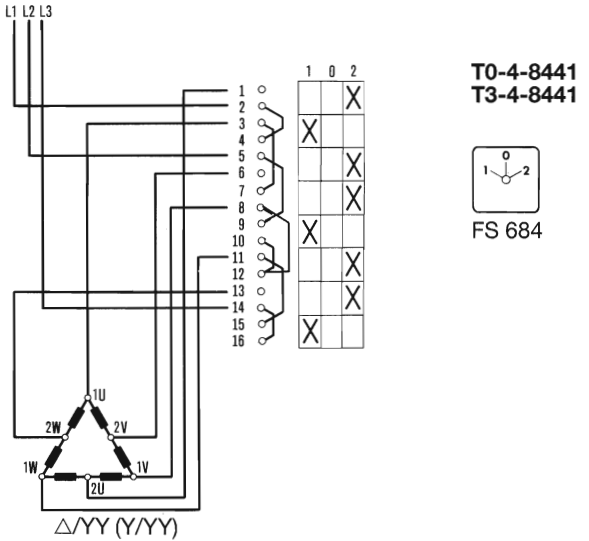
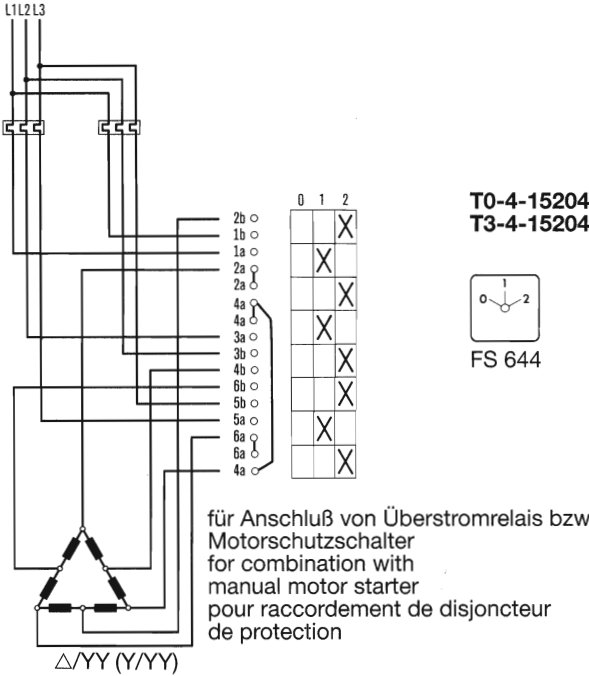
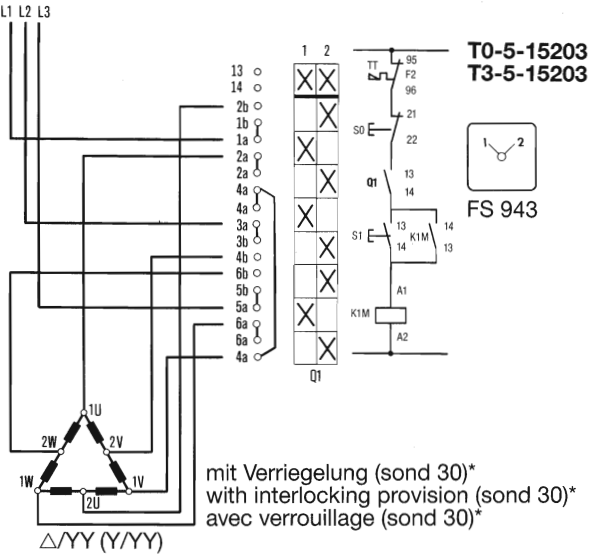
 FS 621

mit Verriegelung (sond 30)*
 with interlocking provision
 (sond 30)*
 avec verrouillage (sond 30)*

* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

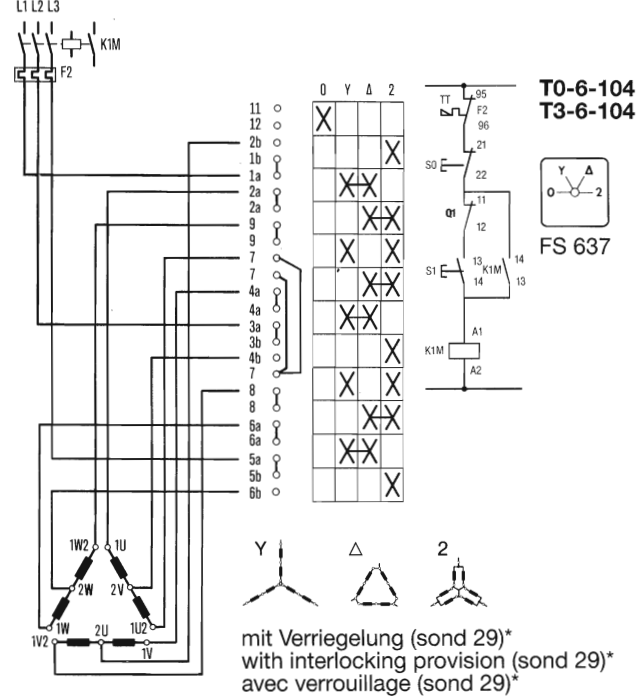
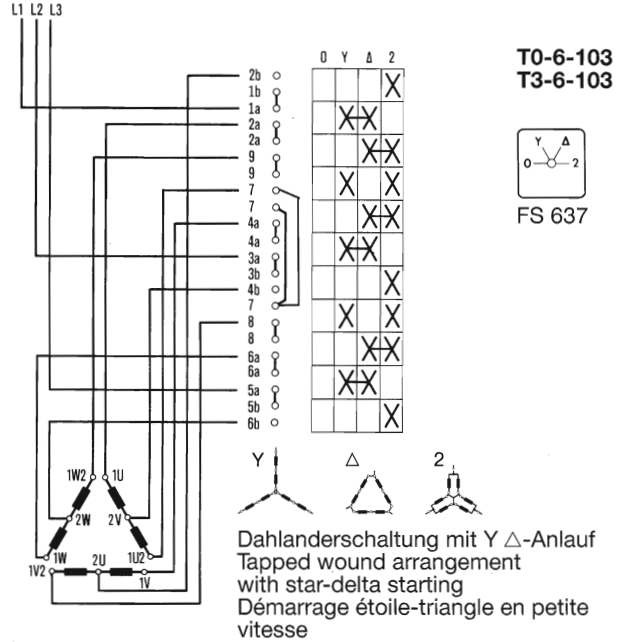
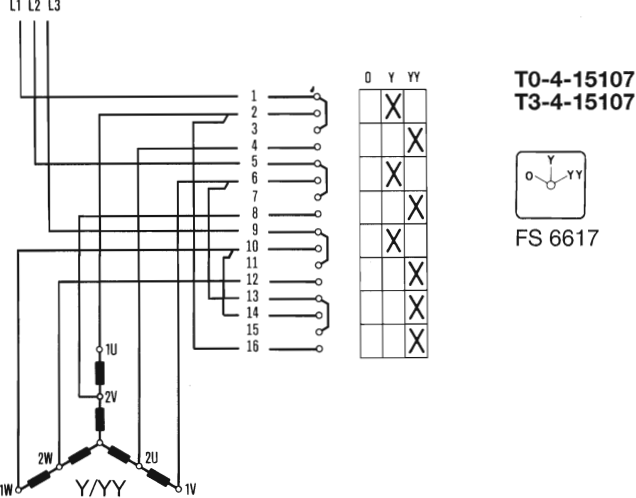
3



* Seite/Page 3/66 & AWA

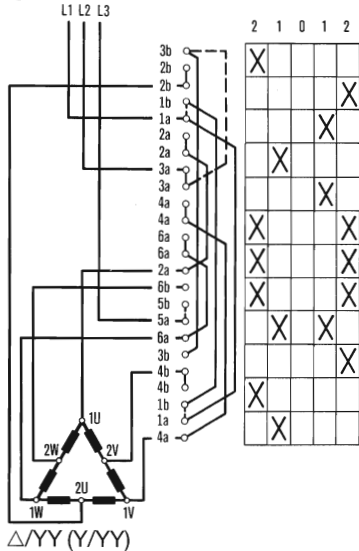
Pole
Poles
Pôles

3



Pole
Poles
Pôles

3

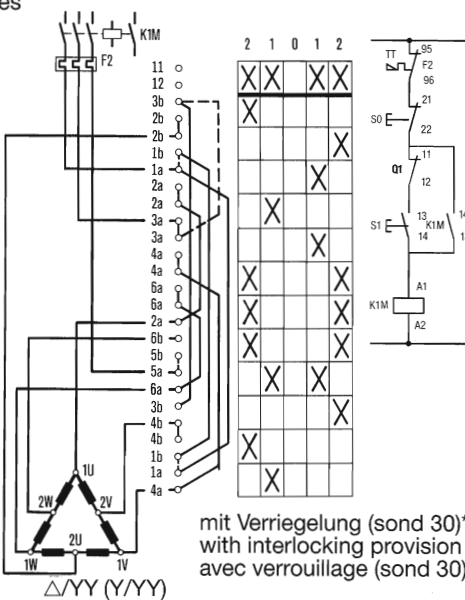


T0-6-66
T3-6-66



Pole
Poles
Pôles

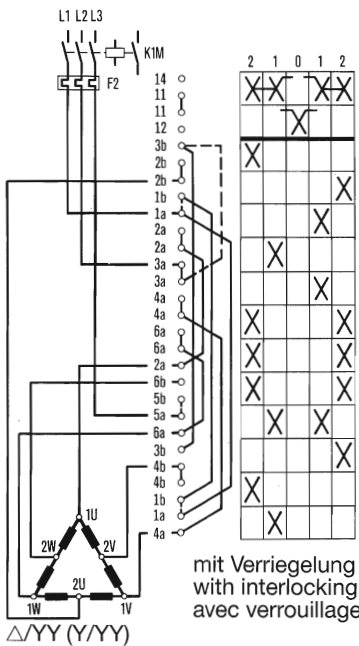
3



T0-7-69
T3-7-69



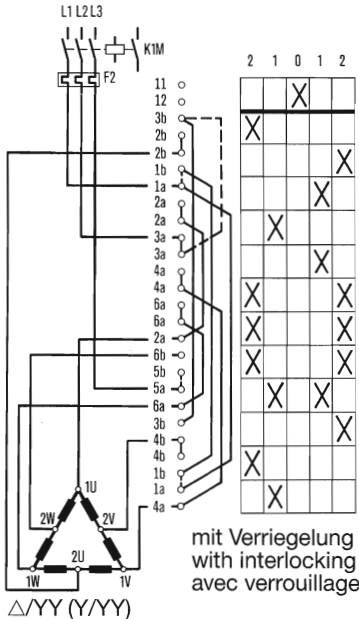
mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



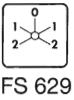
T0-7-67
T3-7-67



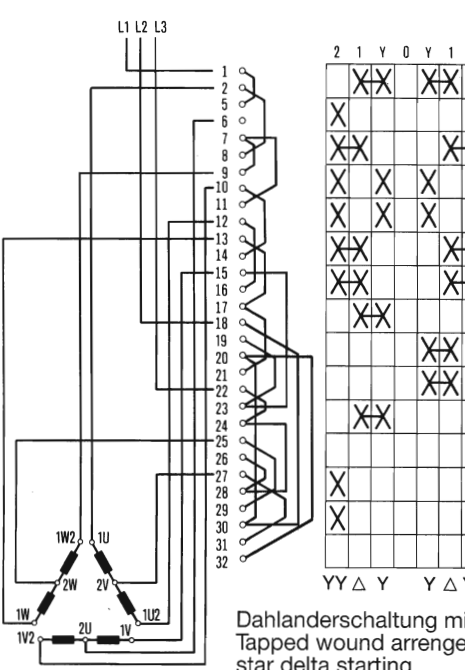
mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*



T0-7-68
T3-7-68



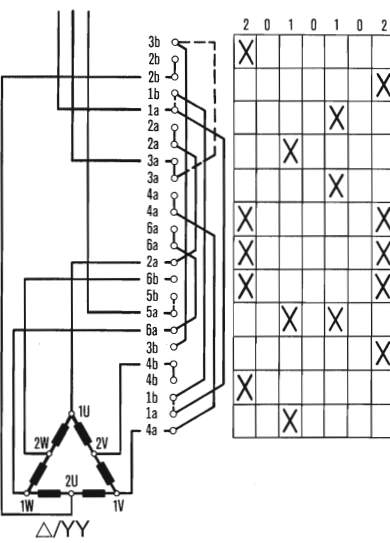
mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*



T0-8-8446
T3-8-8446



Dahlanderschaltung mit Y Δ-Anlauf
Tapped wound arrangement with
star delta starting
Démarage étoile-triangle en petite
vitesse

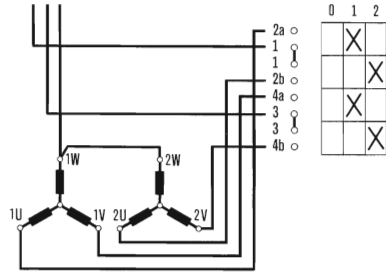


T0-6-15105
T3-6-15105



Pole
Poles
Pôles

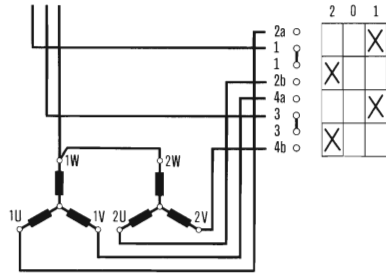
2



T0-2-35
T3-2-35



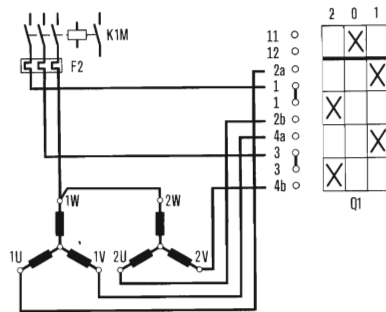
FS 644



T0-2-37
T3-2-37



FS 621

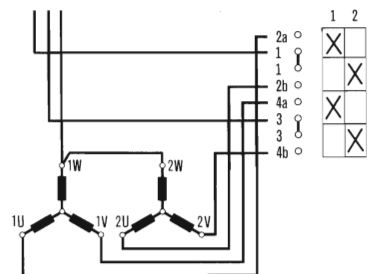


T0-3-38
T3-3-38



FS 621

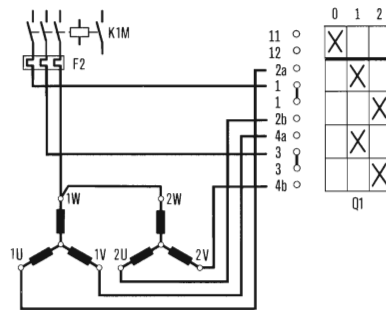
mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*



T0-2-39
T3-2-39



FS 943



T0-3-36
T3-3-36

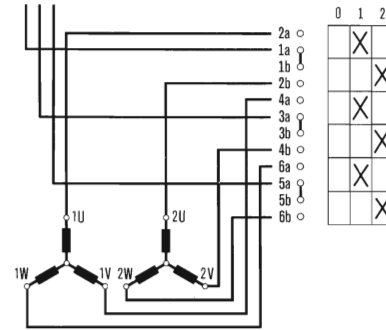


FS 644

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

Pole
Poles
Pôles

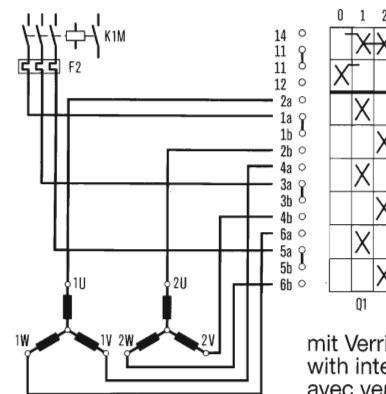
3



T0-3-6
T3-3-6



FS 644

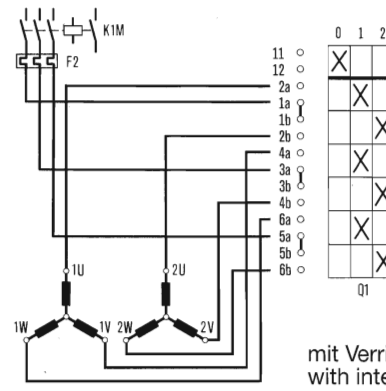


T0-4-46
T3-4-46



FS 644

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*

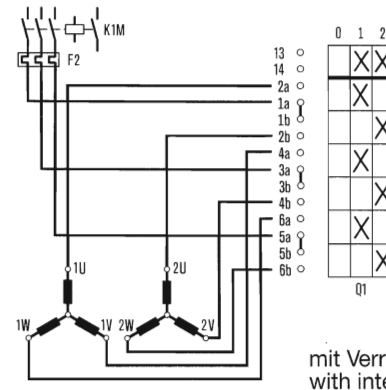


T0-4-47
T3-4-47



FS 644

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*



T0-4-135
T3-4-135

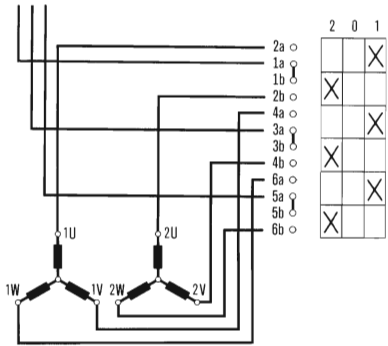


FS 644

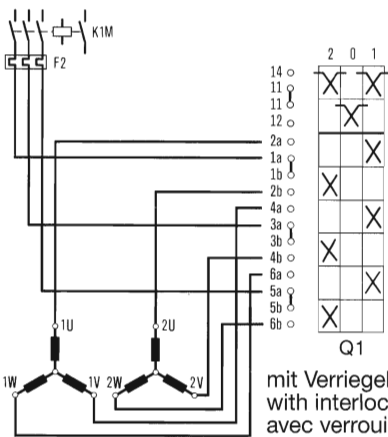
mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

Pole
Poles
Pôles

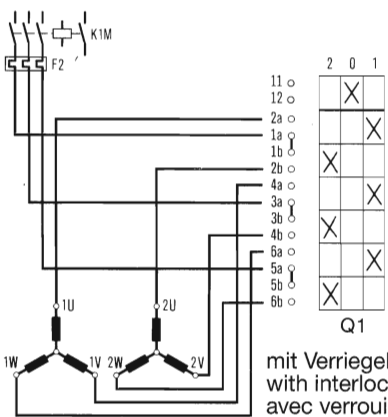
3



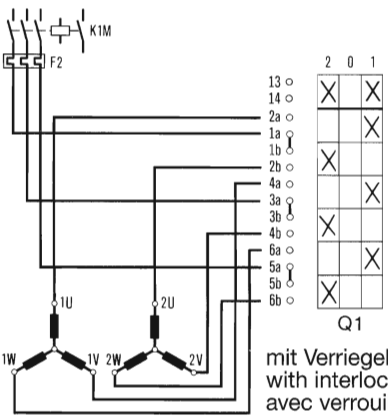
T0-3-7
T3-3-7



T0-4-49
T3-4-49



T0-4-48
T3-4-48

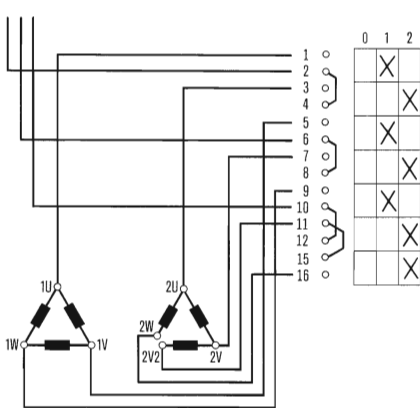


T0-4-106
T3-4-106

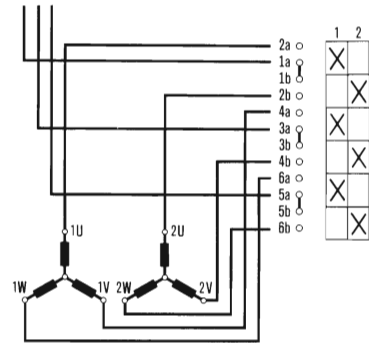


Pole
Poles
Pôles

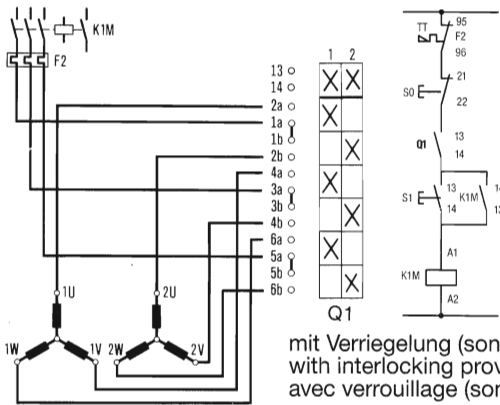
3



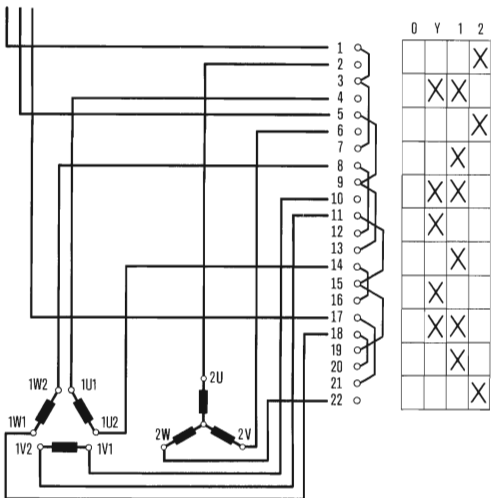
T0-4-8450
T3-4-8450



T0-3-50
T3-3-50



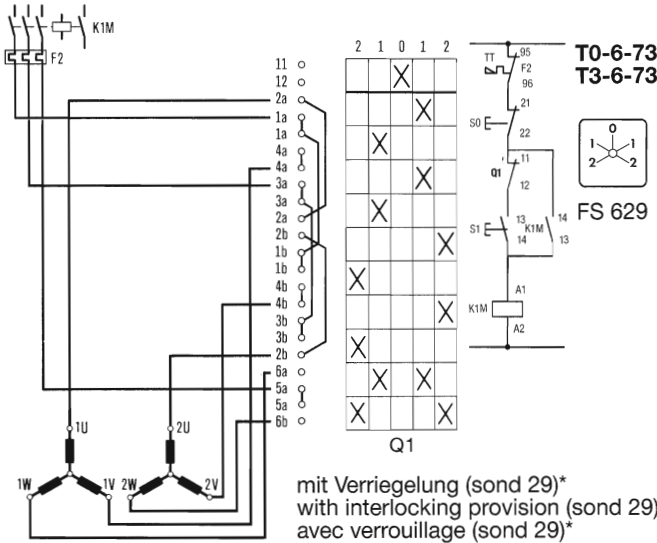
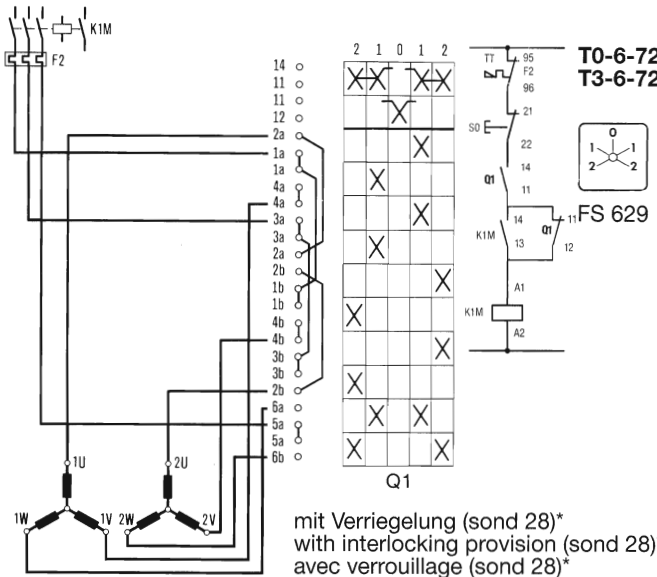
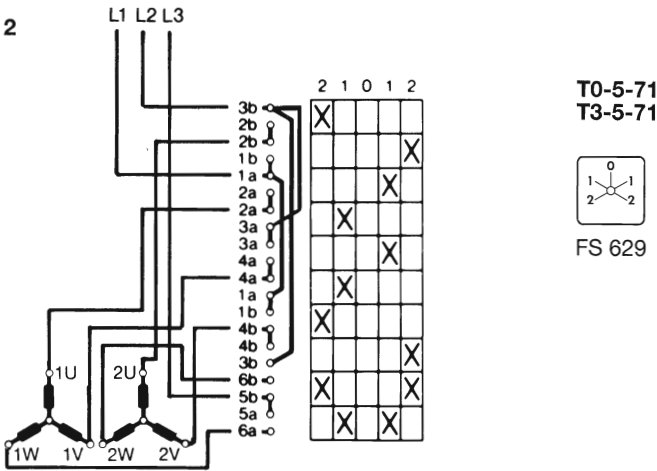
T0-4-45
T3-4-45



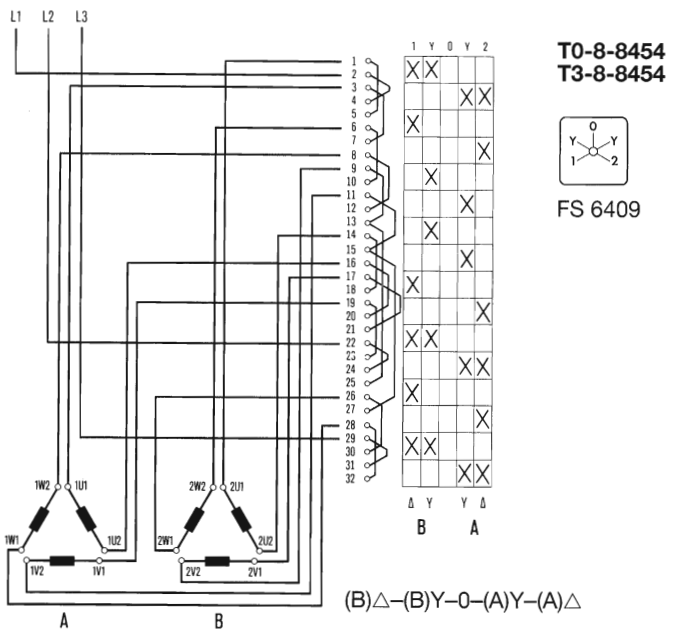
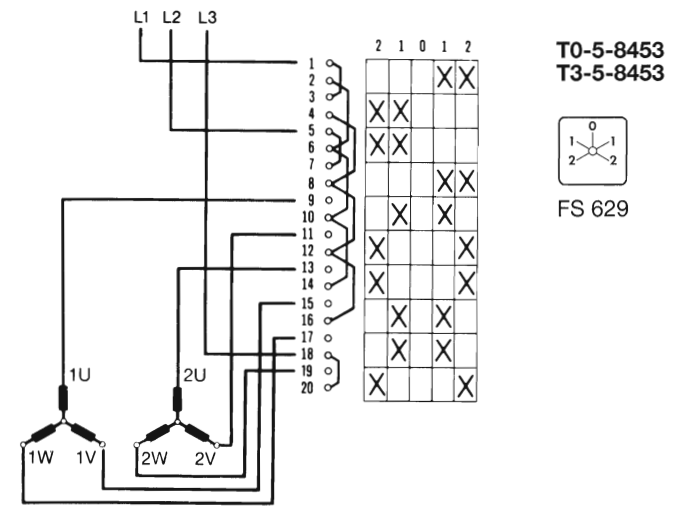
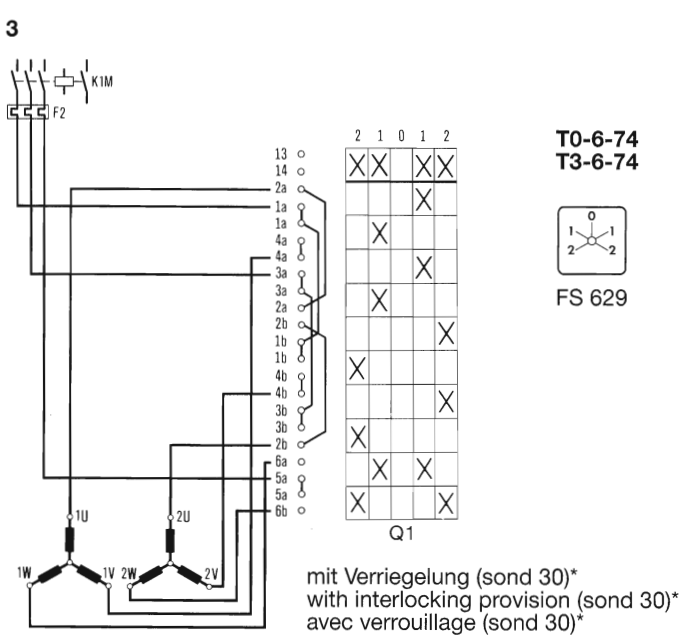
T0-6-8449
T3-6-8449



Pole
Poles
Pôles



Pole
Poles
Pôles



Polumschalter

3 Drehzahlen, 2 getrennte Wicklungen

Einfache Wicklung bei Drehzahl I

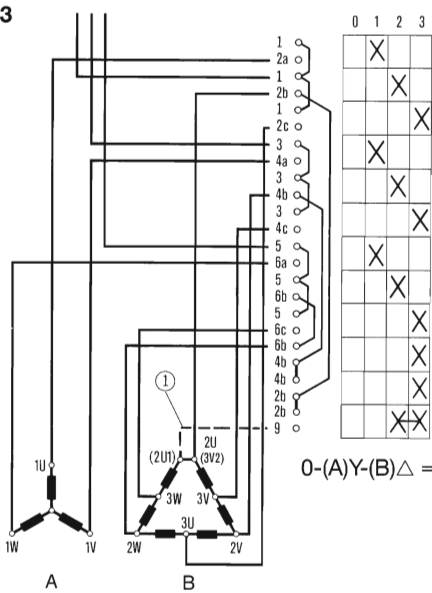
Three-speed switches, two separate windings/Single winding at speed I

Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/enroulement simple en vitesse I

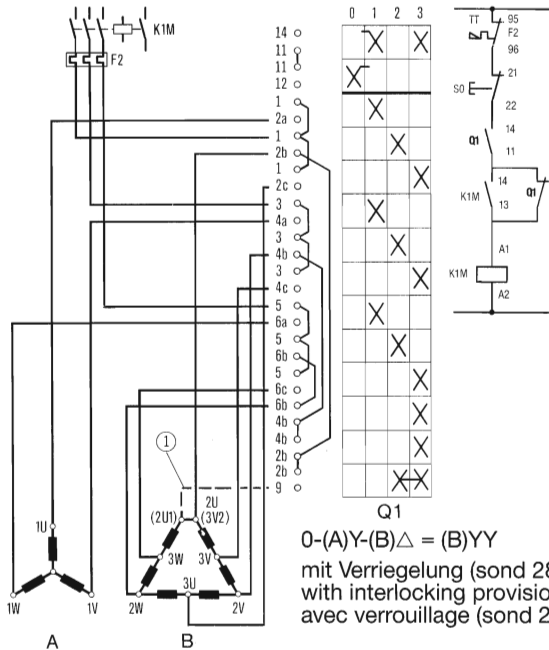
Pole

Poles

Pôles



0-(A)Y-(B)Δ = (B)YY

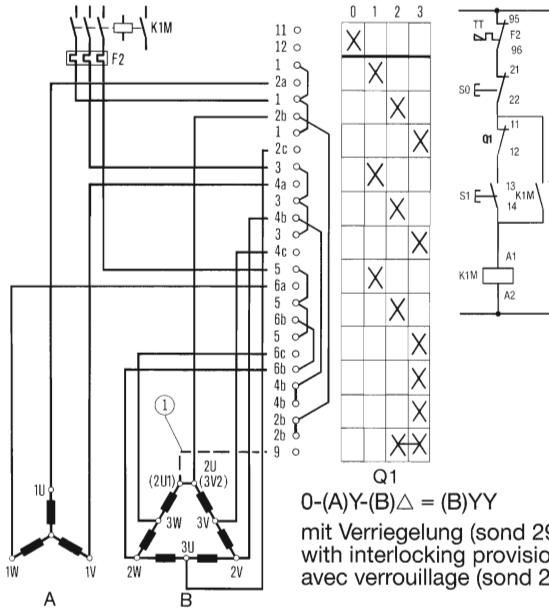


0-(A)Y-(B)Δ = (B)YY

mit Verriegelung (sond 28)*

with interlocking provision (sond 28)*

avec verrouillage (sond 28)*



0-(A)Y-(B)Δ = (B)YY

mit Verriegelung (sond 29)*

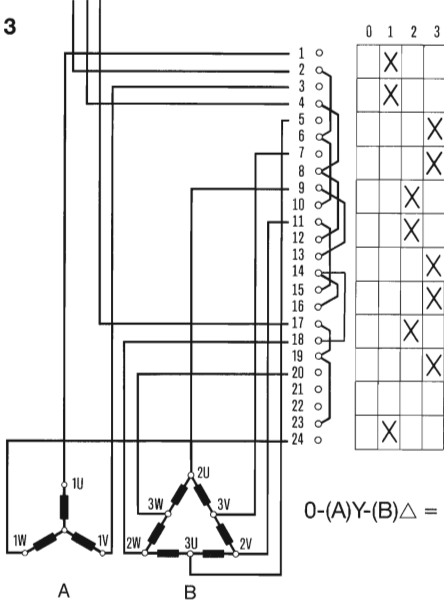
with interlocking provision (sond 29)*

avec verrouillage (sond 29)*

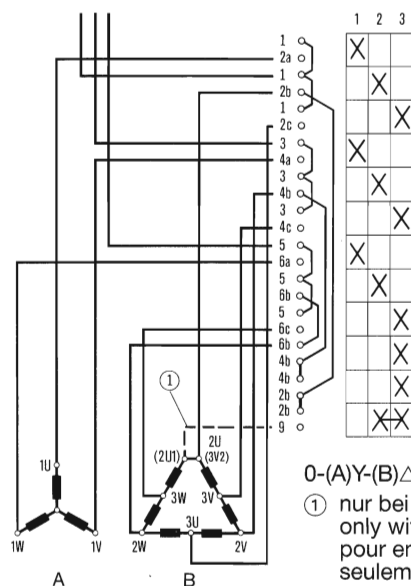
Pole

Poles

Pôles



0-(A)Y-(B)Δ = (B)YY



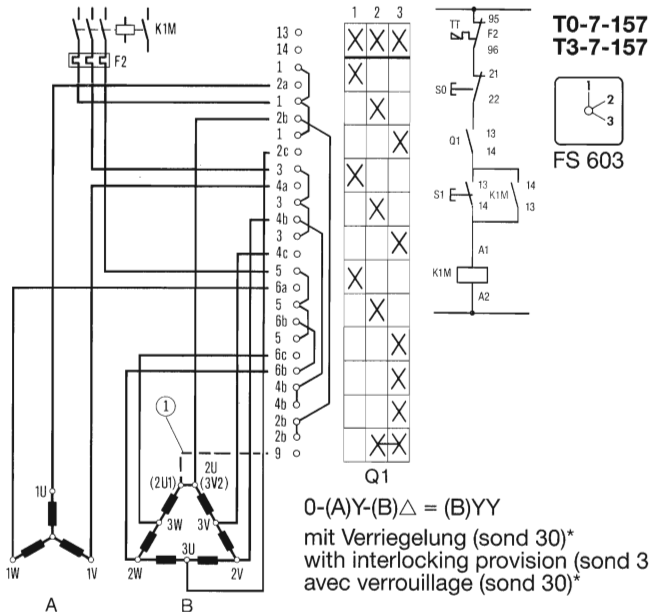
0-(A)Y-(B)Δ = (B)YY

① nur bei offener Δ-Wicklung

only with open Δ-winding

pour enroulement Δ ouvert

seulement



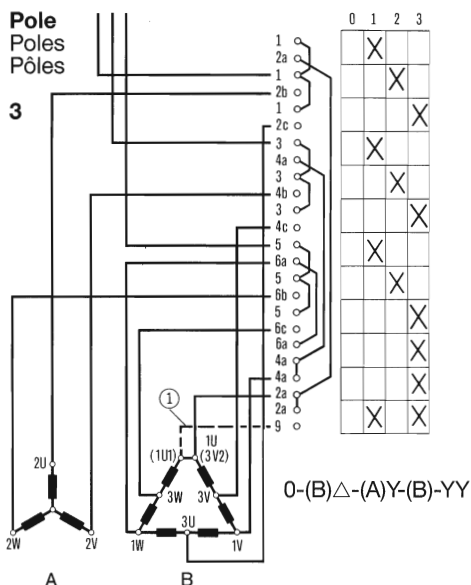
0-(A)Y-(B)Δ = (B)YY

mit Verriegelung (sond 30)*

with interlocking provision (sond 30)*

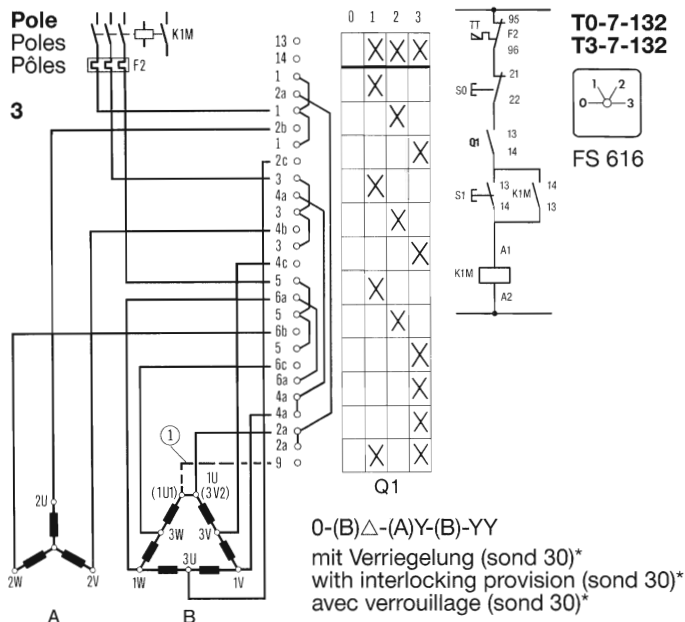
avec verrouillage (sond 30)*

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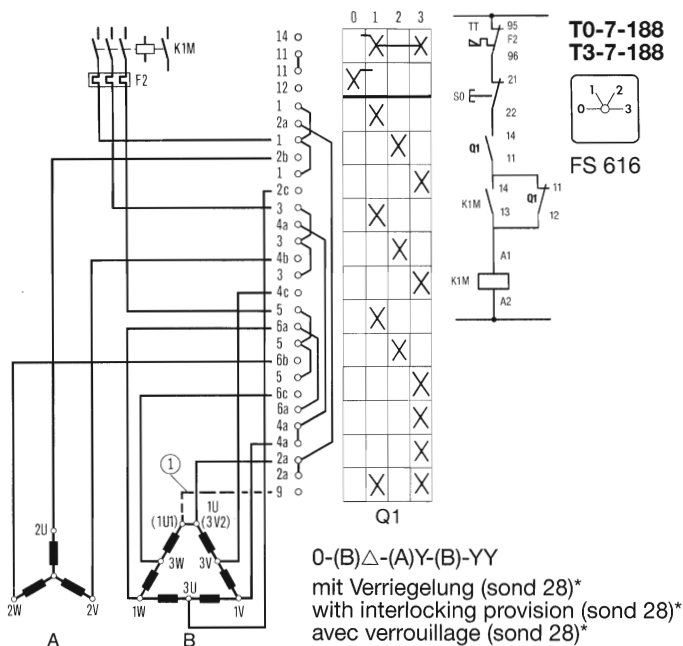
T0-6-158
T3-6-158

FS 616



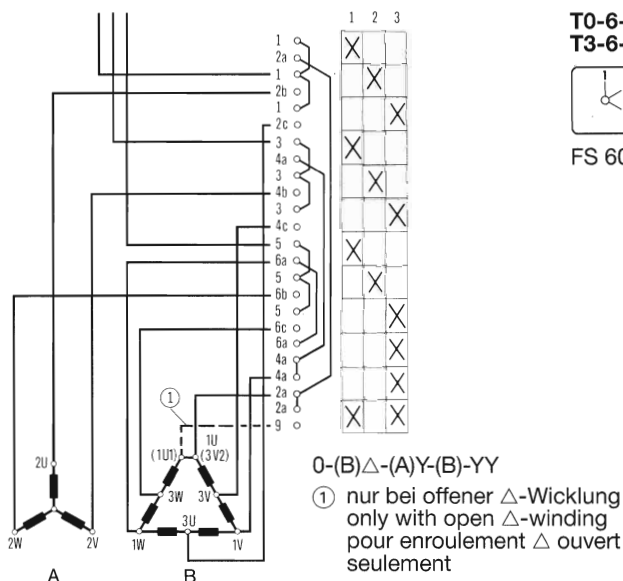
T0-7-132
T3-7-132

FS 616



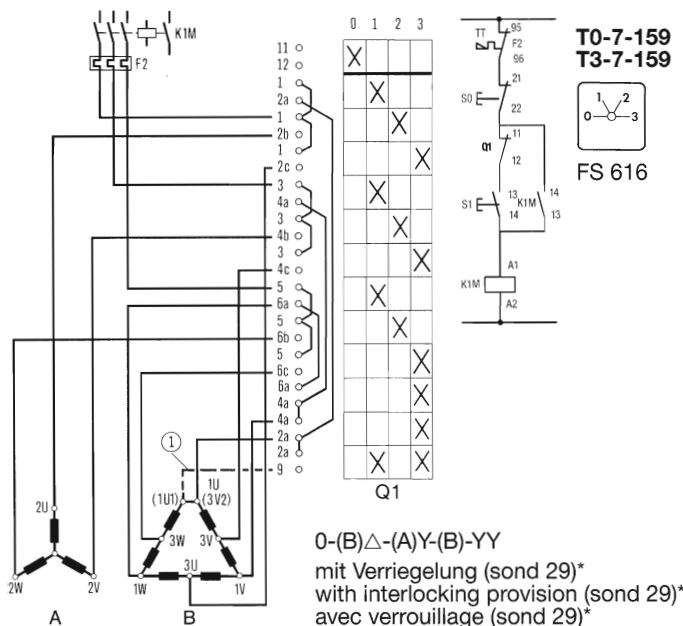
T0-7-188
T3-7-188

FS 616



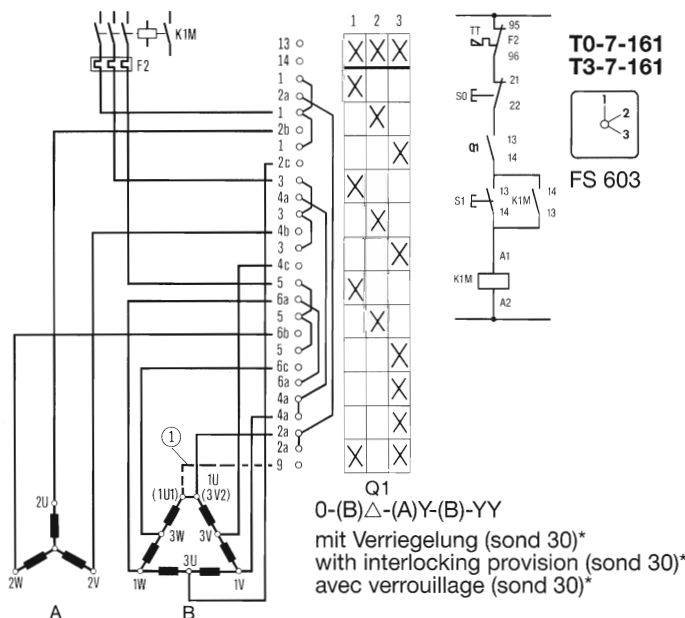
T0-6-160
T3-6-160

FS 603



T0-7-159
T3-7-159

FS 616

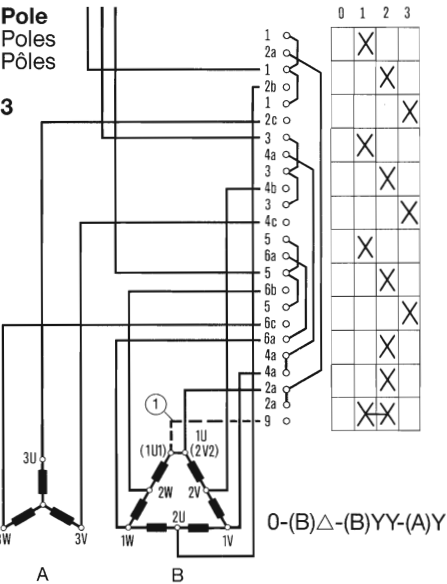


T0-7-161
T3-7-161

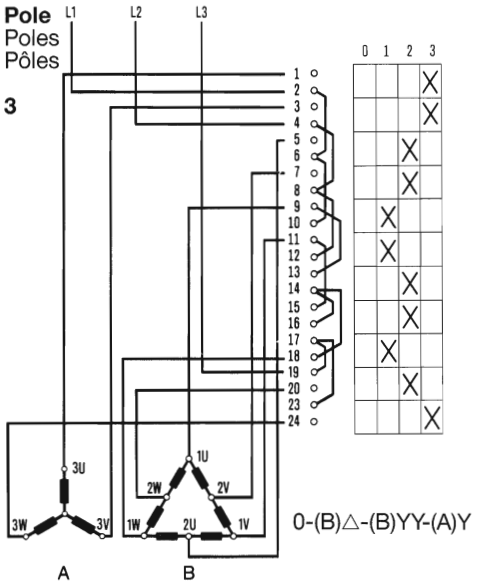
FS 603

Polumschalter 3 Drehzahlen, 2 getrennte Wicklungen Einfache Wicklung bei Drehzahl III

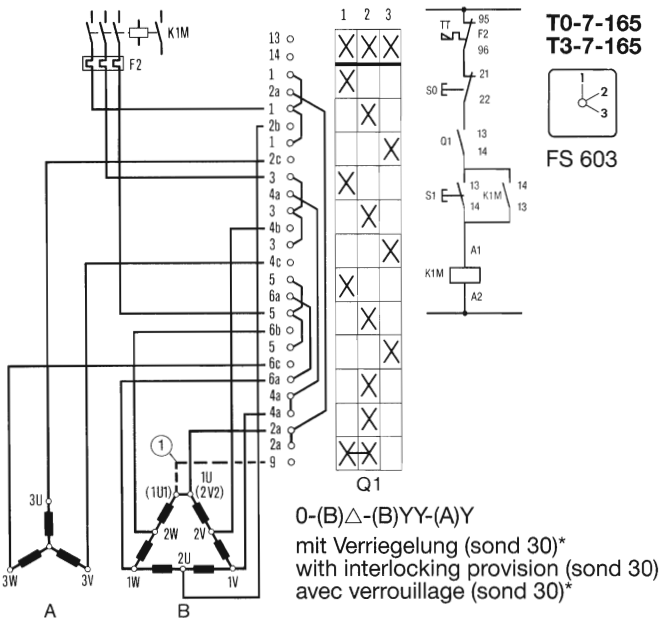
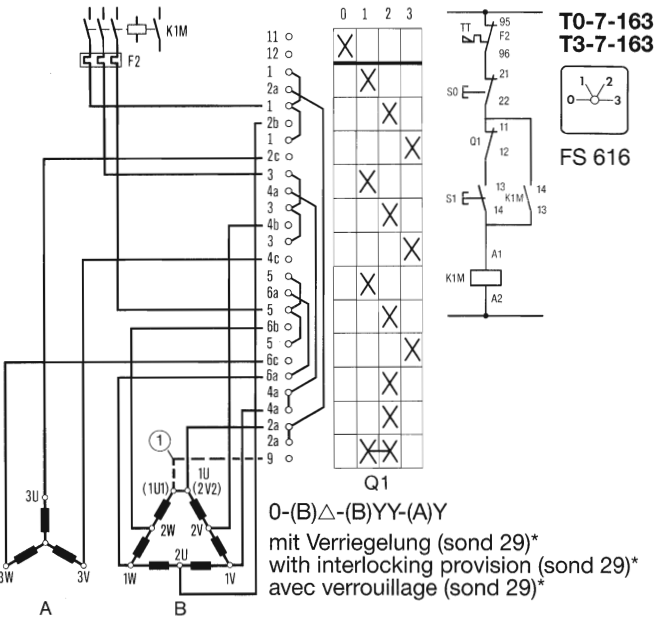
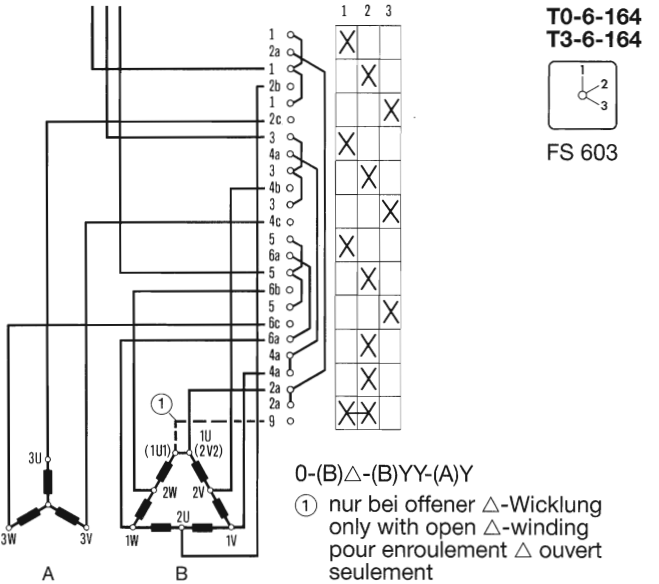
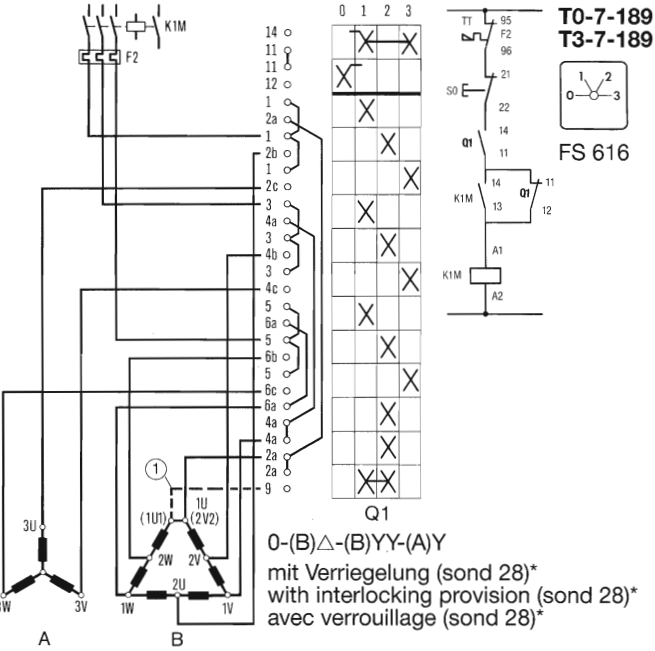
Three-speed switches, two separate windings/Single winding at speed III
 Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/enroulement simple en vitesse III



T0-6-162
T3-6-162
 FS 616

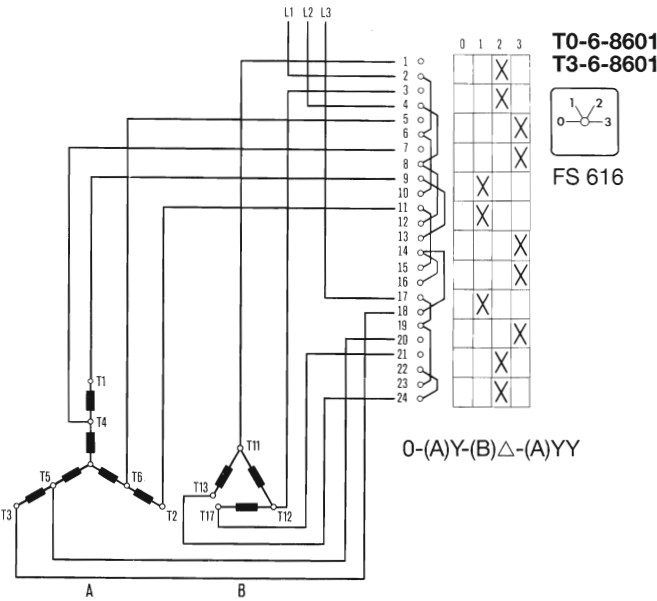


T0-6-8459
T3-6-8459
 FS 616



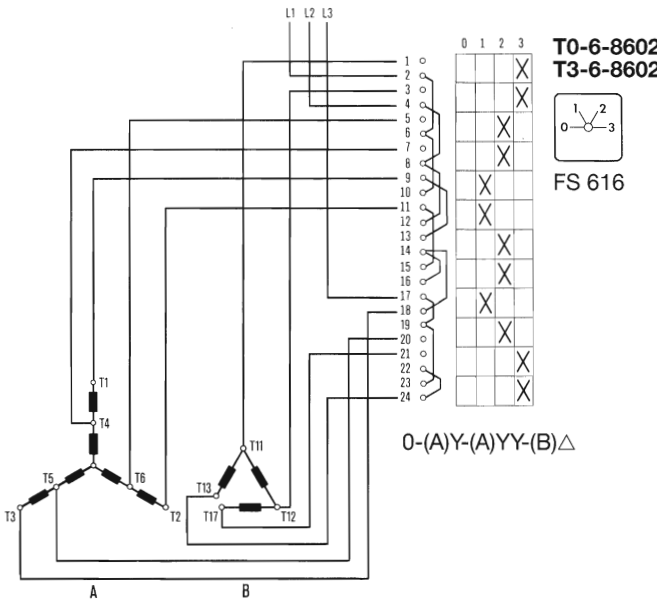
Pole
Poles
Pôles

3



0-(A)Y-(B)Δ-(A)YY

T1 Δ 1U
T2 Δ 1V
T3 Δ 1W
T4 Δ 3W
T5 Δ 3U
T6 Δ 3V
T11 Δ 2U
T12 Δ 2V
T13 Δ 2W
T17 Δ 2W

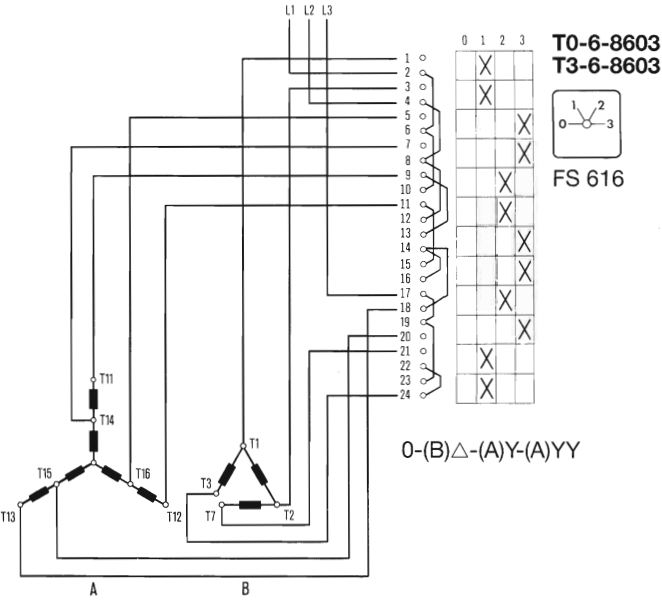


0-(A)Y-(A)YY-(B)Δ

T1 Δ 1U
T2 Δ 1V
T3 Δ 1W
T4 Δ 2W
T5 Δ 2U
T6 Δ 2V
T11 Δ 3U
T12 Δ 3V
T13 Δ 3W
T17 Δ 3W

Pole
Poles
Pôles

3



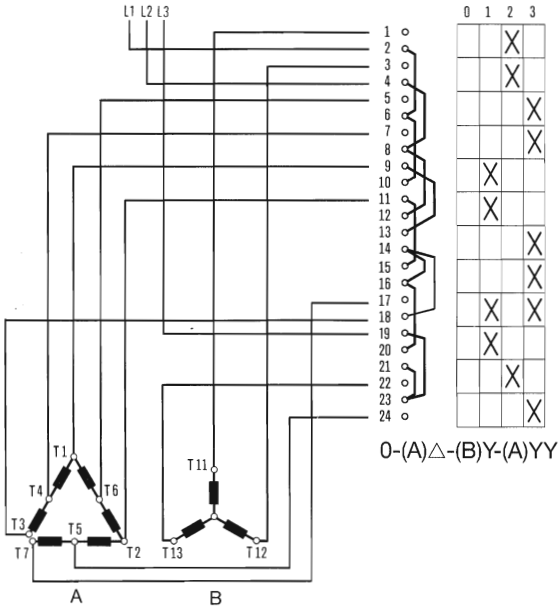
0-(B)Δ-(A)Y-(A)YY

T1 Δ 1U
T2 Δ 1V
T3 Δ 1W
T7 Δ 1W
T11 Δ 2U
T12 Δ 2V
T13 Δ 2W
T14 Δ 3U
T15 Δ 3V
T16 Δ 3W

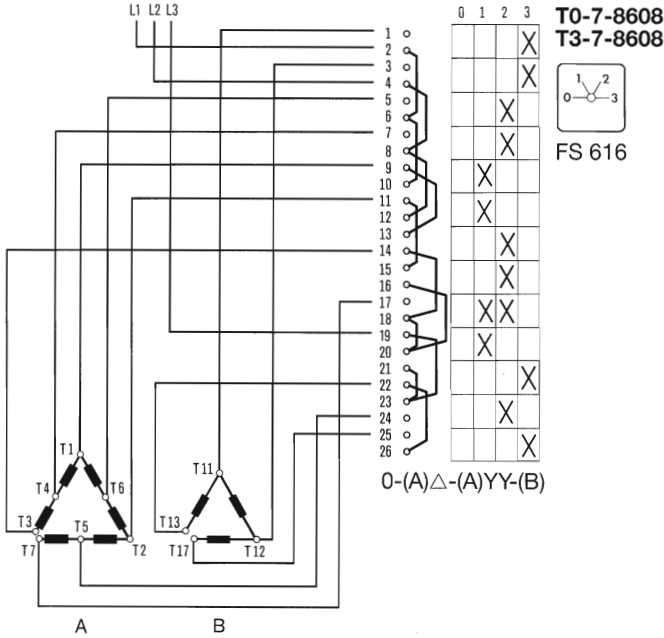
Polumschalter

3 Drehzahlen, 2 getrennte Wicklungen
Für Antriebe mit konstantem Drehmoment

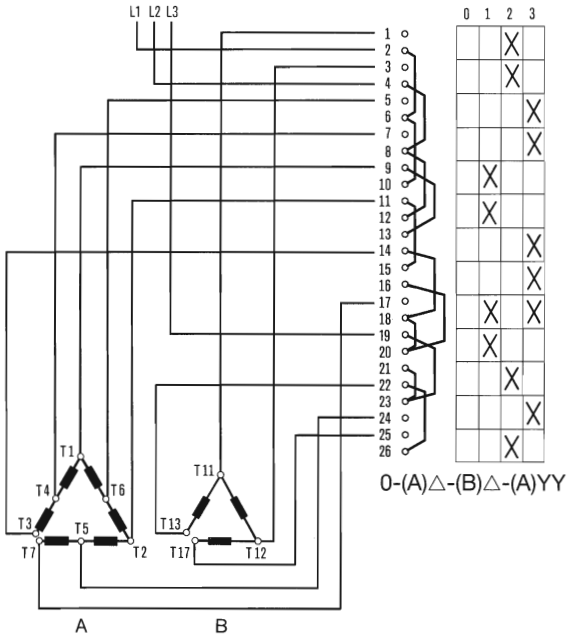
Three-speed switches, two separate windings/For drive motors with constant torque
Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/Pour moteurs d'entraînement à couple constant



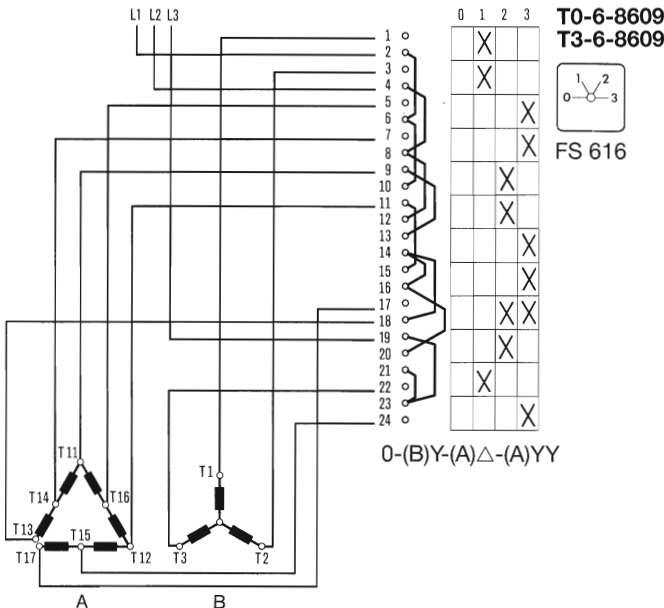
T0-6-8605
T3-6-8605
FS 616



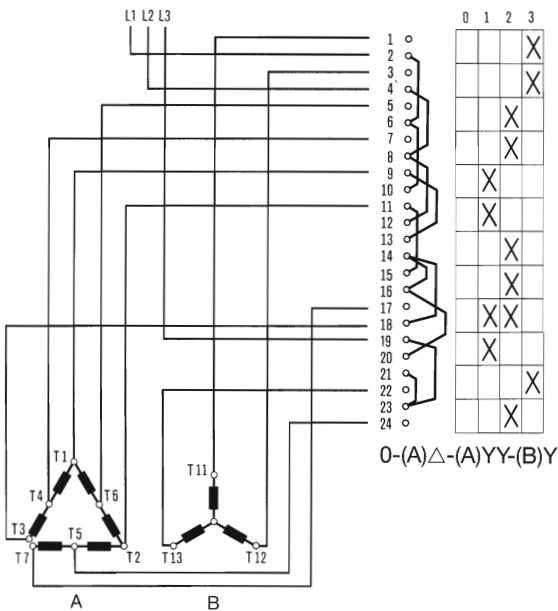
T0-7-8608
T3-7-8608
FS 616



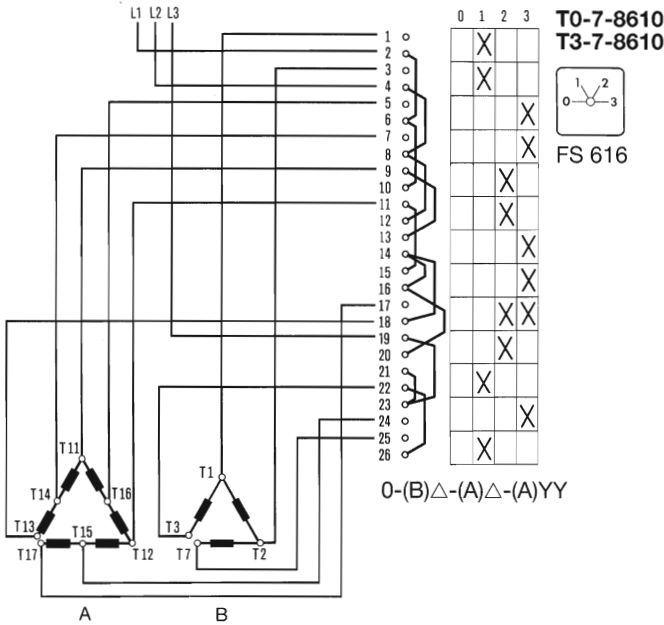
T0-7-8606
T3-7-8606
FS 616



T0-6-8609
T3-6-8609
FS 616

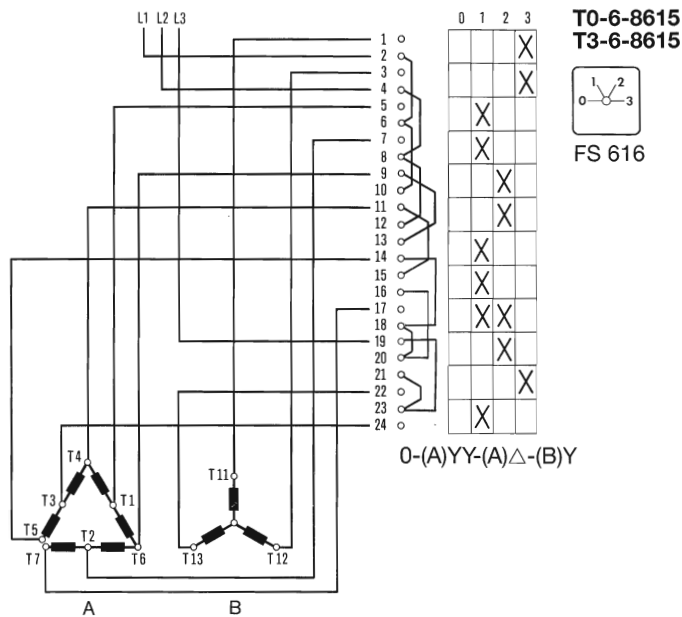
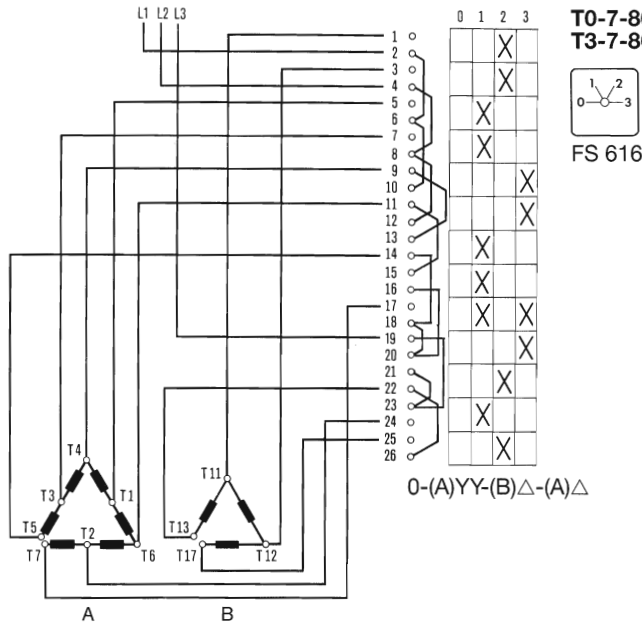
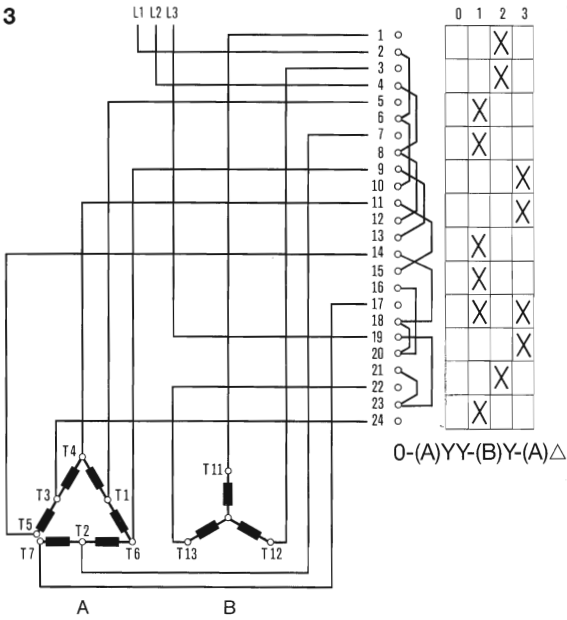


T0-6-8607
T3-6-8607
FS 616

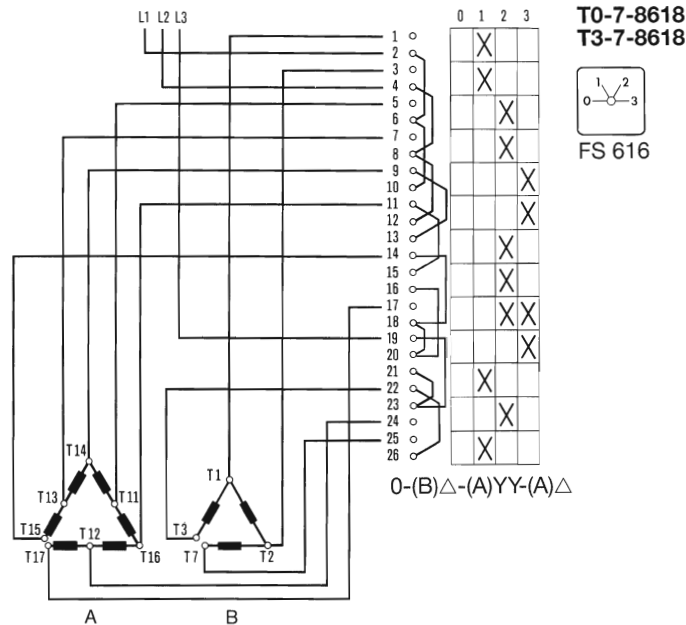
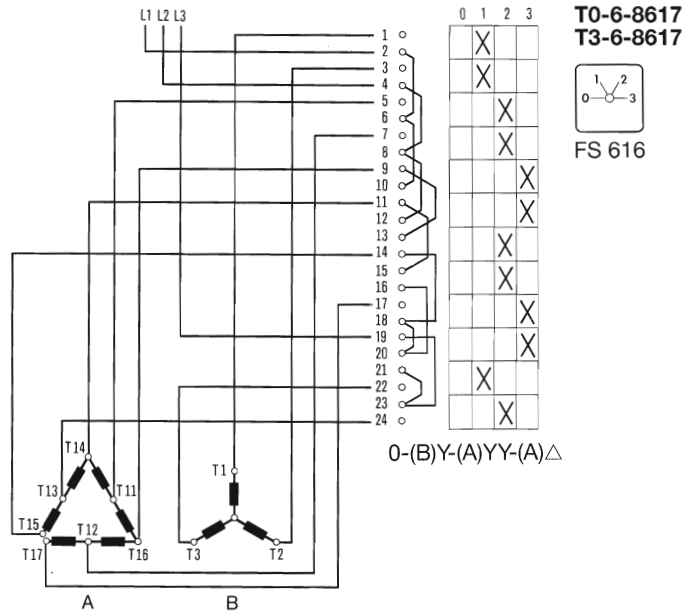
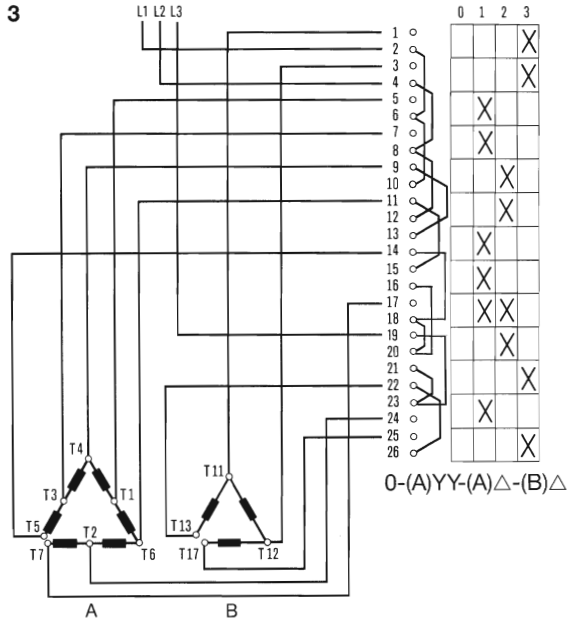


T0-7-8610
T3-7-8610
FS 616

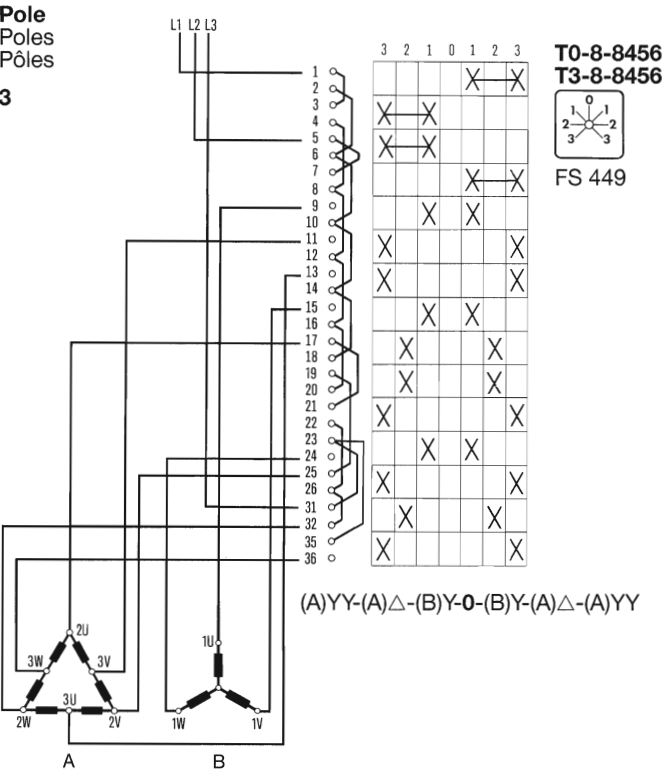
Pole
Poles
Pôles



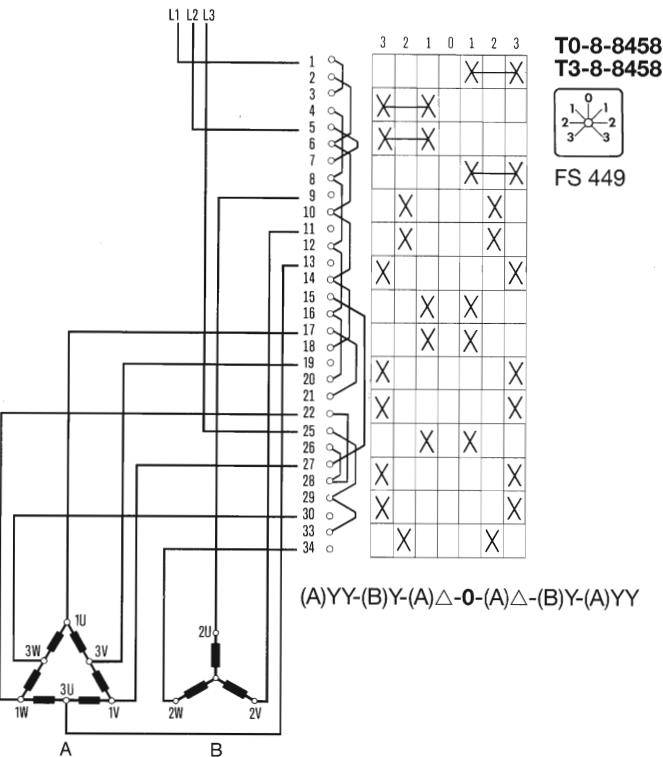
Pole
Poles
Pôles



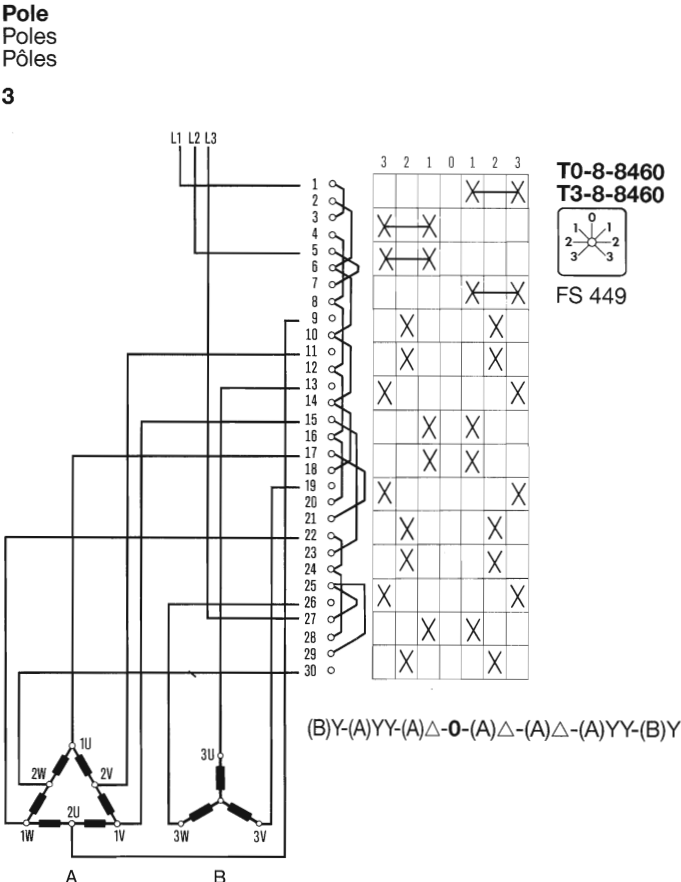
Wende-Polumschalter
3 Drehzahlen, 2 getrennte Wicklungen
Three-speed reversing switches, two separate windings
inverseurs-commutateurs de pôles,
3 vitesse, 2 enroulements séparés
Einfache Wicklung bei Drehzahl I
Single winding at speed I
enroulement simple en vitesse I



Einfache Wicklung bei Drehzahl II
Single winding at speed II
enroulement simple en vitesse II



Einfache Wicklung bei Drehzahl III
Single winding at speed III
enroulement simple en vitesse III

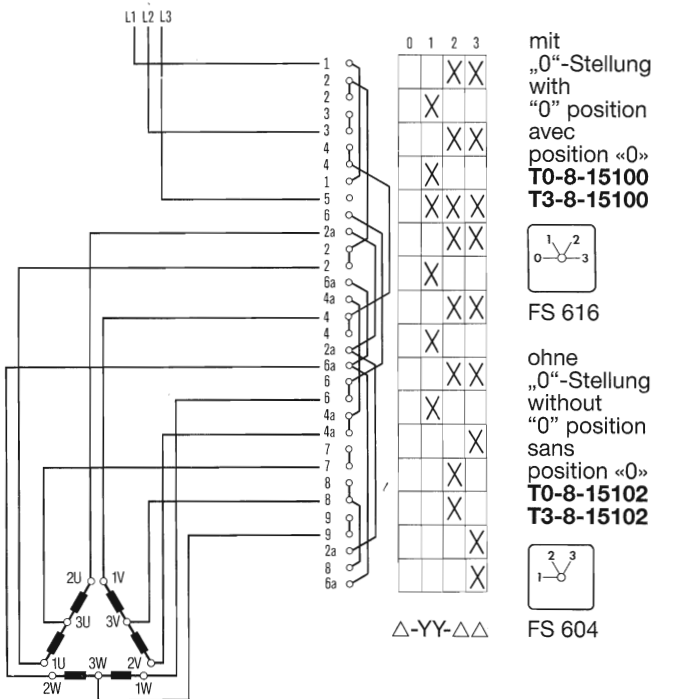


Polumschalter
3 Drehzahlen, 1 Drehrichtung,
1 Wicklung

Three-speed switches
non reversing, one winding

Commutateurs de pôles
3 vitesses, 1 sens de marche,
1 enroulement

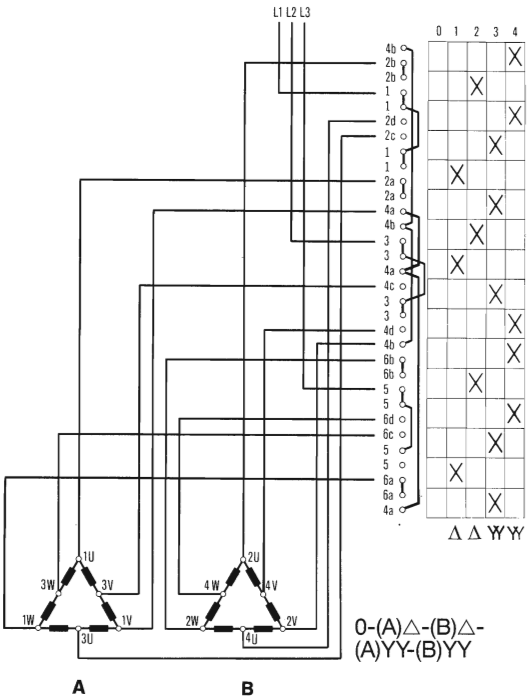
Drehzahl, speed, vitesse:



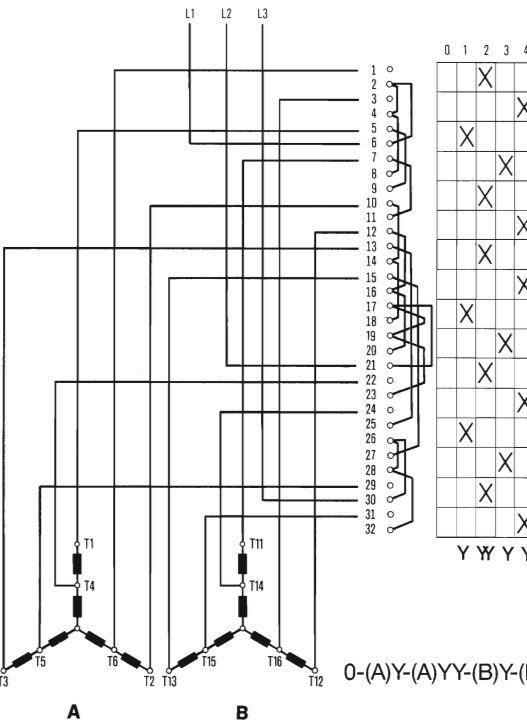
Pole
Poles
Pôles

3

Beim Schalten einer
Wicklung bleibt die andere
geschlossen
When one winding is brought
in, the other one remains
closed
Lors de l'enclenchement d'un
enroulement, l'autre reste
fermé

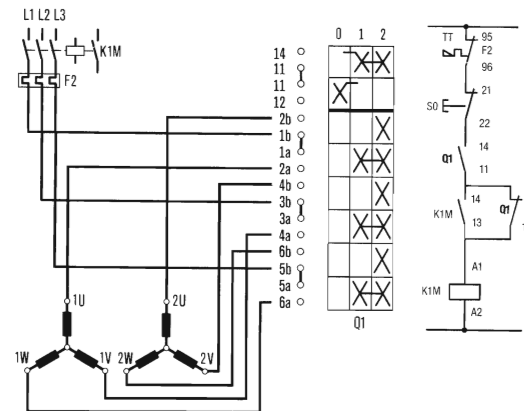
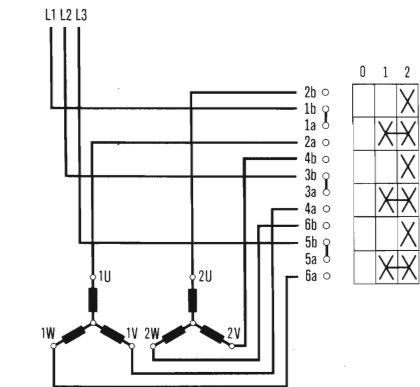


Für Antriebe mit gleitendem
Drehmoment
For drive motors with variable torque
Pour moteurs d'entraînement
à couple glissant

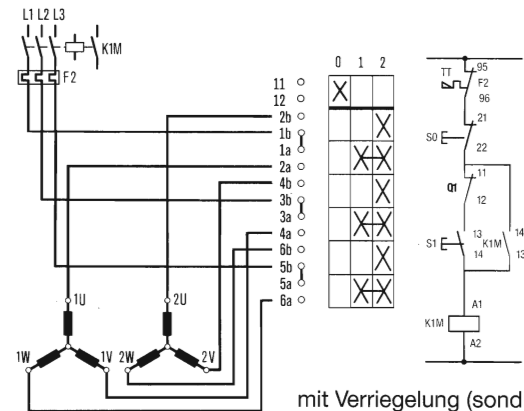


Pole
Poles
Pôles

3



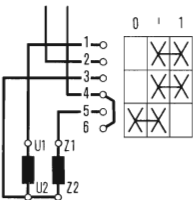
mit Verriegelung (sond 28)*
with interlocking-provision (sond 28)
avec verrouillage (sond 28)



mit Verriegelung (sond 28)*
with interlocking-provision (sond 28)
avec verrouillage (sond 28)

Pole
Poles
Pôles

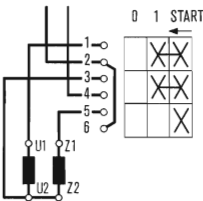
2



T0-2-76
T3-2-76



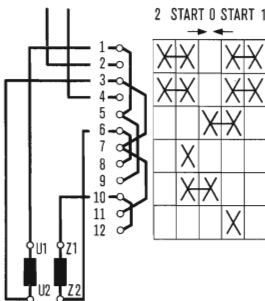
FS 465



T0-2-8425
T3-2-8425



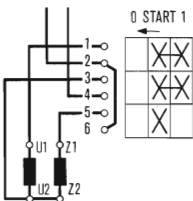
FS 140104



T0-3-8426
T3-3-8426



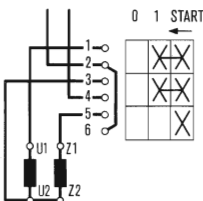
FS 142074



T0-2-15120
T3-2-15120



FS 142010



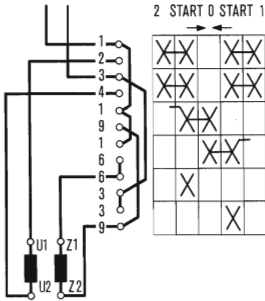
T0-2-15121
T3-2-15121



FS 164222

Pole
Poles
Pôles

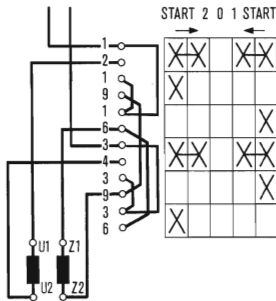
2



T0-3-15122
T3-3-15122



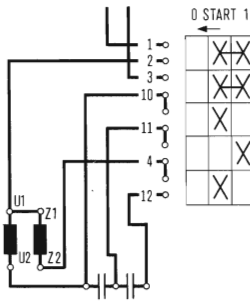
FS 142074



T0-3-15123
T3-3-15123



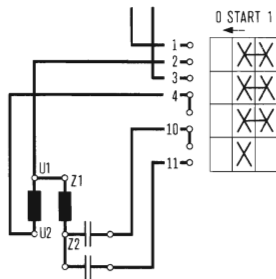
FS 1409



T0-3-15124
T3-3-15124



FS 142010



T0-2-15125
T3-2-15125

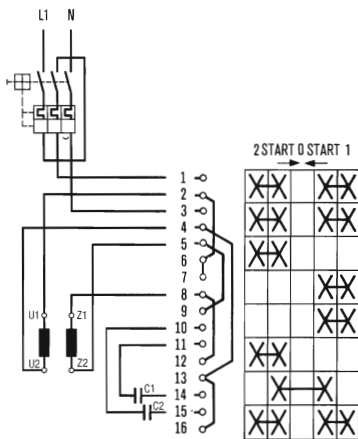


FS 142010

Einphasen-Motor-Schalter
mit Anlaufkondensator
mit/ohne Betriebskondensator

Single-phase motor switch
with starting capacitor
with/without running capacitor

Commutateur de moteurs monophasés
avec condensateur de démarrage
avec/sans condensateur de service



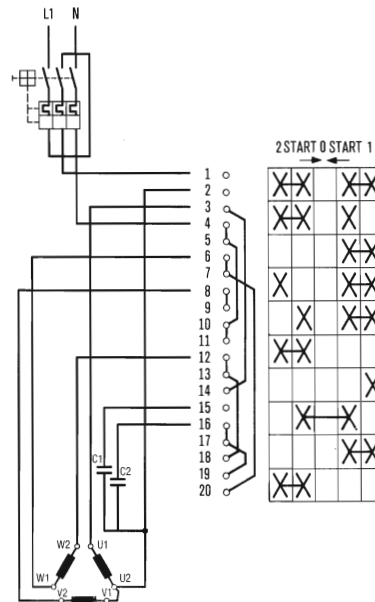
T0-4-15126
T3-4-15126



FS 142074

- U1-U2: Hauptwicklung
Main winding
Enroulement principal
- Z1-Z2: Hilfswicklung
Auxiliary winding
Enroulement auxiliaire
- C1: Anlaufkondensator
Starting capacitor
Condensateur de démarrage
- C2: Betriebskondensator
Running capacitor
Condensateur de service
- ohne C2: Klemmen 10 + 15 freilassen
without C2: Leave terminals 10 + 15 free
sans C2: bornes 10 + 15 à laisser libre

Einphasen-Anschluß von Drehstrommotoren
Single-phase connection of three-phase motors
Raccordement monophasé de moteurs triphasés



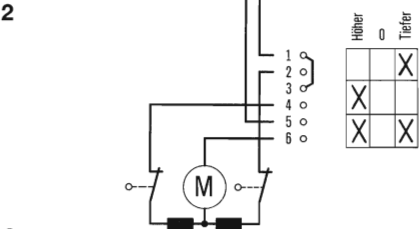
T0-6-15127
T3-6-15127



FS 142074

- C1: Anlaufkondensator
Starting capacitor
Condensateur de démarrage
- C2: Betriebskondensator
Running capacitor
Condensateur de service

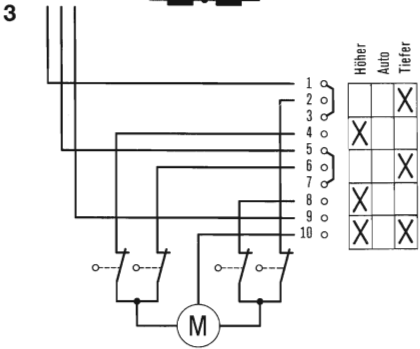
Pole
 Poles
 Pôles



	Höher	Tiefer
1		X
2		X
3		X
4		X
5		X
6		X

T0-2-8150
T3-2-8150

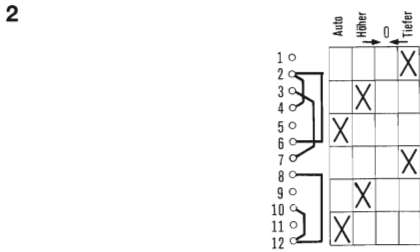
 FS 141583



	Höher	Auto	Tiefer
1			X
2			X
3			X
4			X
5			X
6			X
7			X
8			X
9			X
10			X

T0-3-8151
T3-3-8151

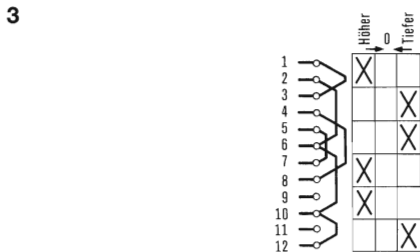
 FS 142339



	Auto	Höher	Tiefer
1			X
2			X
3			X
4			X
5			X
6			X
7			X
8			X
9			X
10			X
11			X
12			X

T0-3-8152
T3-3-8152

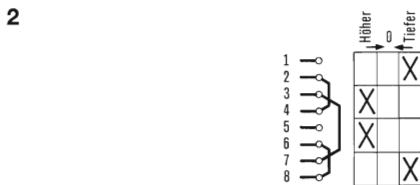
 FS 141750



	Höher	Auto	Tiefer
1			X
2			X
3			X
4			X
5			X
6			X
7			X
8			X
9			X
10			X
11			X
12			X

T0-3-8157
T3-3-8157

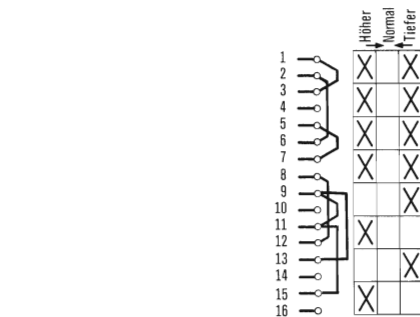
 FS 141598



	Höher	Auto	Tiefer
1			X
2			X
3			X
4			X
5			X
6			X
7			X
8			X

T0-2-8159
T3-2-8159

 FS 141598



	Höher	Normal	Tiefer
1			X
2			X
3			X
4			X
5			X
6			X
7			X
8			X
9			X
10			X
11			X
12			X
13			X
14			X
15			X
16			X

T0-4-8184
T3-4-8184

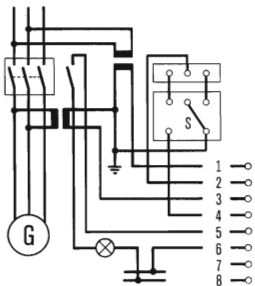
 FS 141141



	Höher	Normal	Tiefer
1			X
2			X
3			X
4			X

T0-1-8185
T3-1-8185

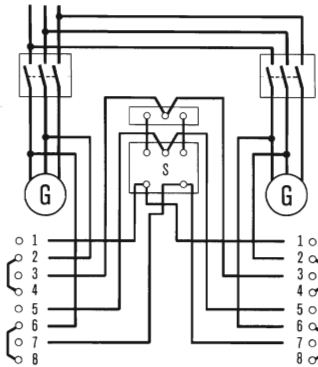
 FS 141141



Rundschaltung möglich
 Complete rotation
 possible
 Commutation sans
 butée possible

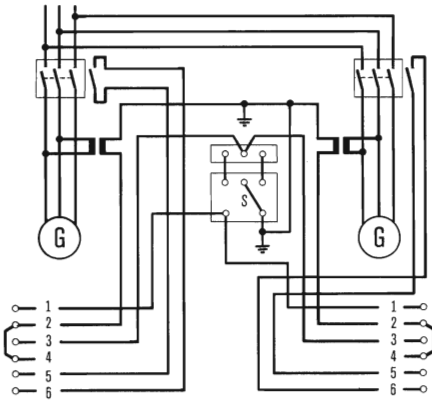
T0-2-8060
T3-2-8060

 FS 926



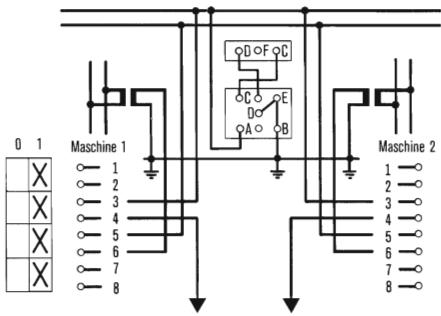
T0-2-8062
T3-2-8062

 FS 160831

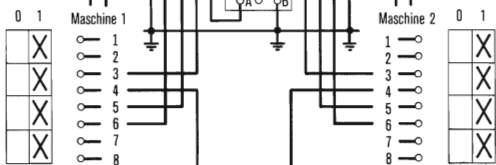


T0-2-8061
T3-2-8061

 FS 142601



Synchronisierschiene
 Synchronizing bar
 Barre de synchroni-
 sation



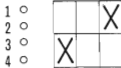
T0-2-8064
T3-2-8064

 FS 907

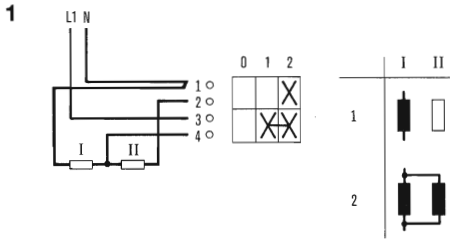
zur gleichen Phase wie Spannungswandler
 to the same phase as voltage transformer
 à la même phase que le transformateur
 de tension

T0-1-8516
T3-1-8516

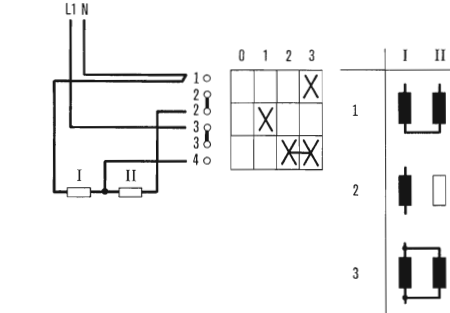
 FS 19801

T0-2-8517
T3-2-8517

 FS 19801

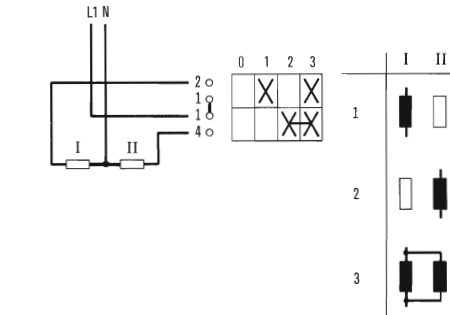
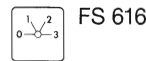
Pole
 Poles
 Pôles



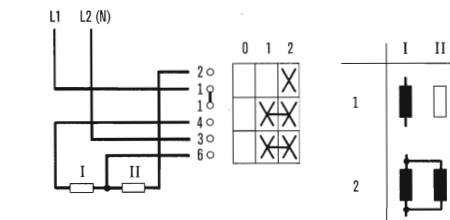
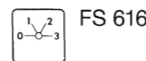
T0-1-91
T3-1-91



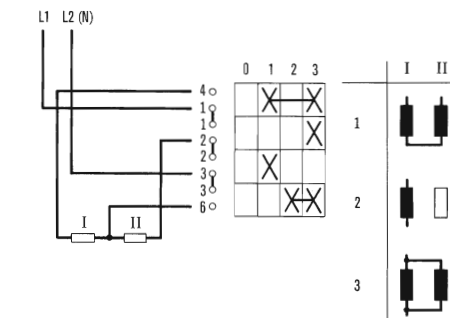
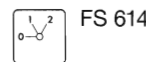
T0-2-92
T3-2-92



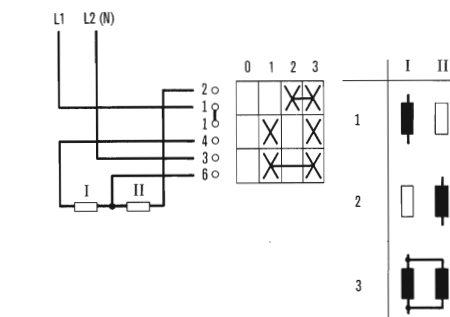
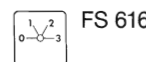
T0-1-93
T3-1-93



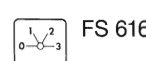
T0-2-94
T3-2-94



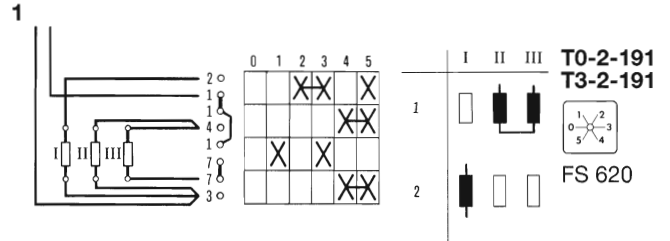
T0-2-95
T3-2-95



T0-2-96
T3-2-96



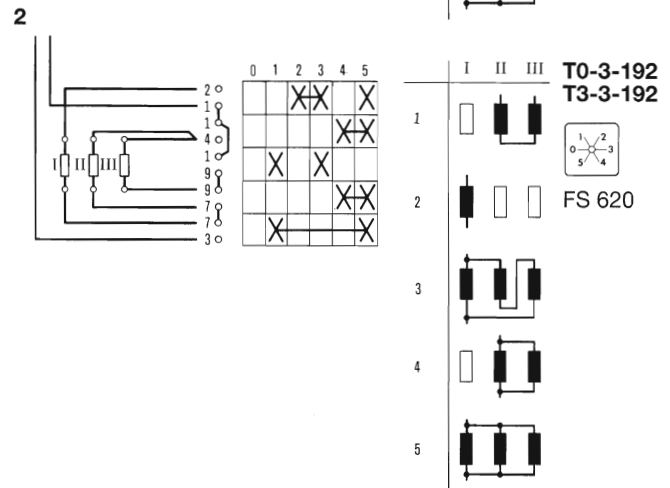
Pole
 Poles
 Pôles



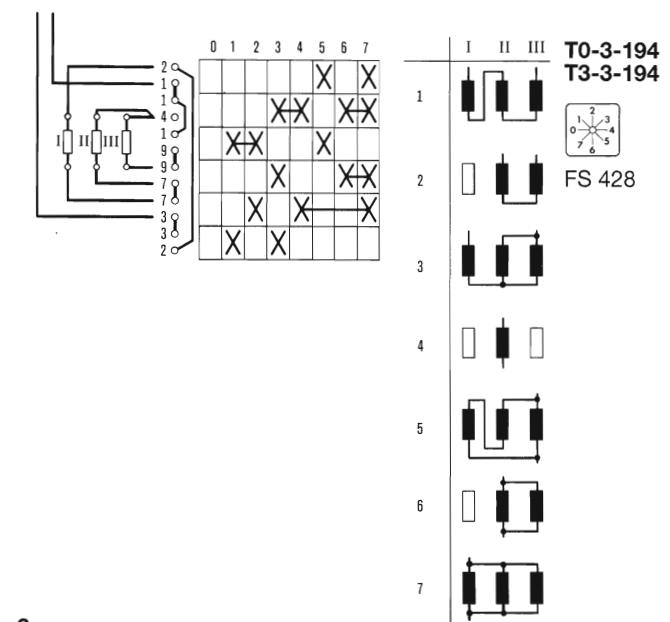
T0-2-191
T3-2-191



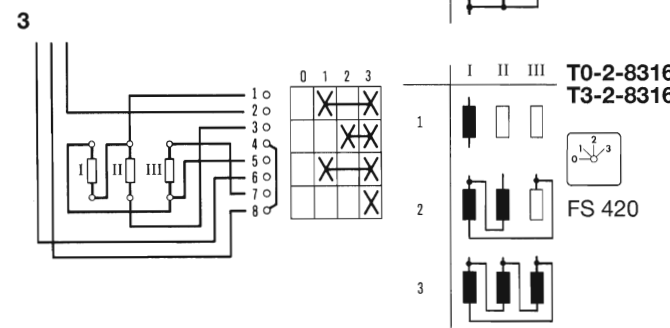
T0-3-192
T3-3-192



T0-3-194
T3-3-194

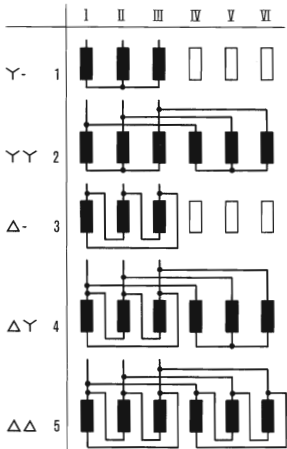
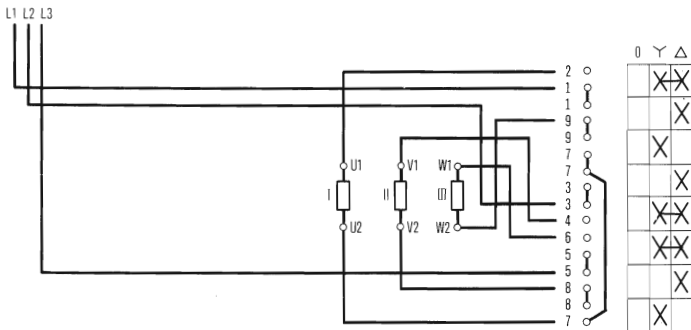
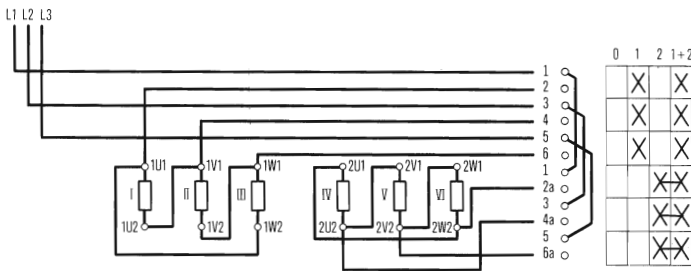
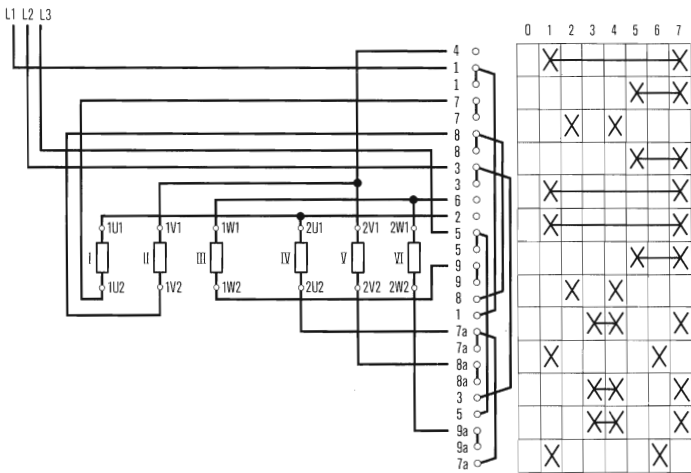
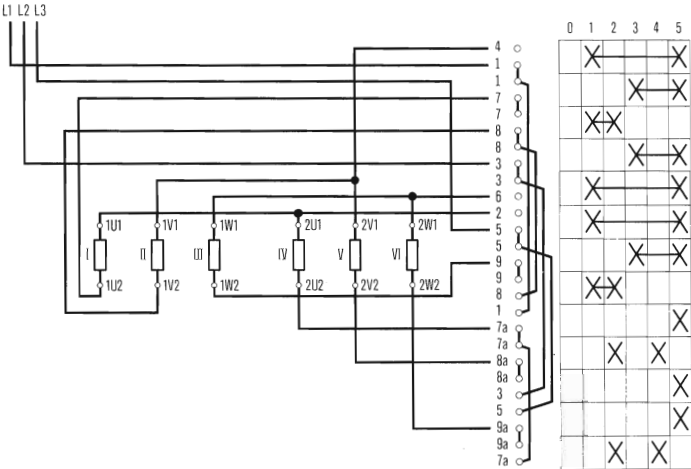


T0-2-8316
T3-2-8316



Pole
Poles
Pôles

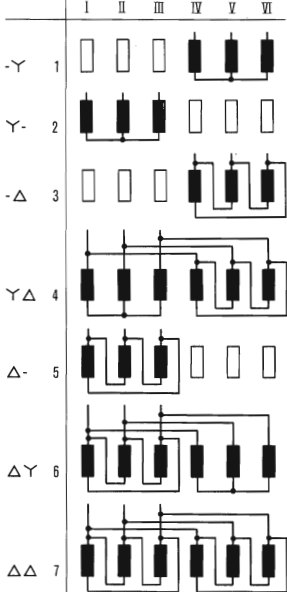
3



T0-7-195
T3-7-195



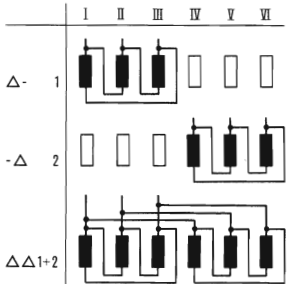
FS 620



T0-7-196
T3-7-196



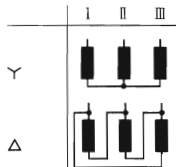
FS 428



T0-3-197
T3-3-197



FS 6233



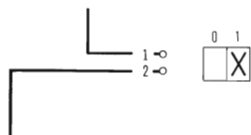
T0-4-3
T3-4-3



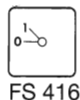
FS 635

Pole
Poles
Pôles

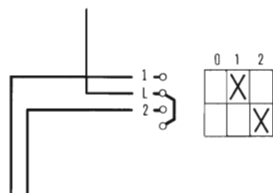
1



T0-1-140
T3-1-140



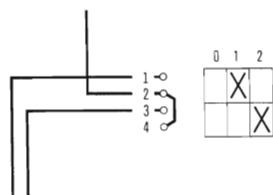
FS 416



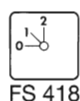
T0-1-141
T3-1-141



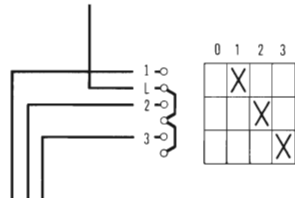
FS 418



T0-1-8240
T3-1-8240



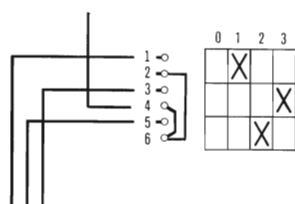
FS 418



T0-2-142
T3-2-142



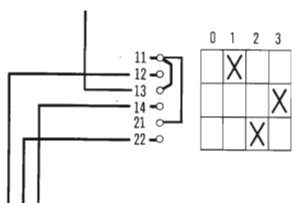
FS 420



T0-2-8241
T3-2-8241



FS 420

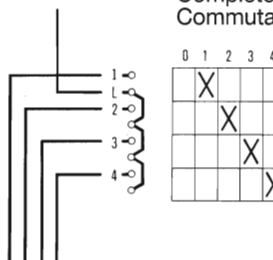


T0-2-15052
T3-2-15052



FS 912

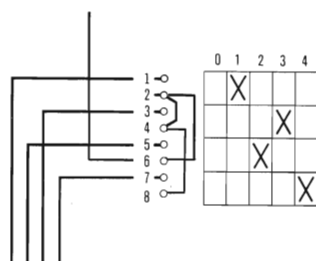
mit Rundschtaltung
Complete rotation
Commutation sans butée



T0-2-143
T3-2-143



FS 422



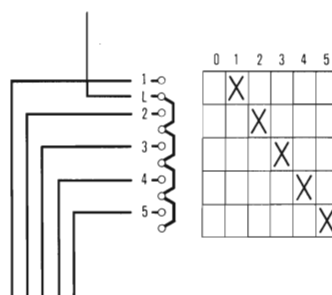
T0-2-8242
T3-2-8242



FS 422

Pole
Poles
Pôles

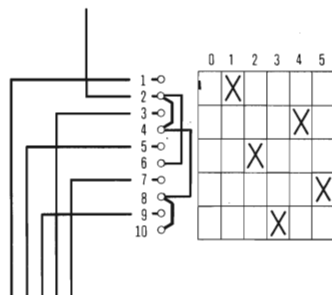
1



T0-3-144
T3-3-144



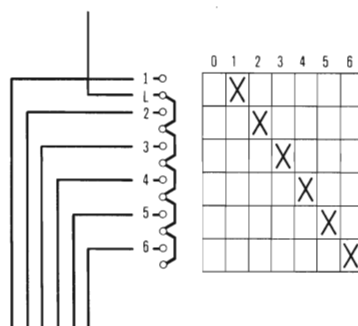
FS 424



T0-3-8243
T3-3-8243



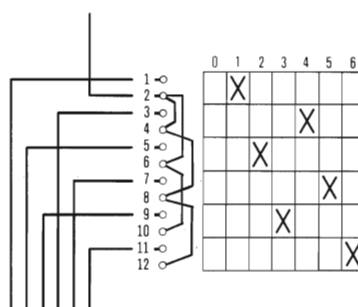
FS 424



T0-3-145
T3-3-145



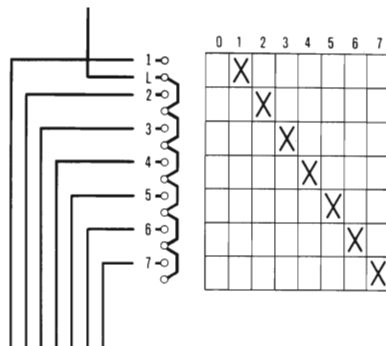
FS 426



T0-3-8244
T3-3-8244



FS 426

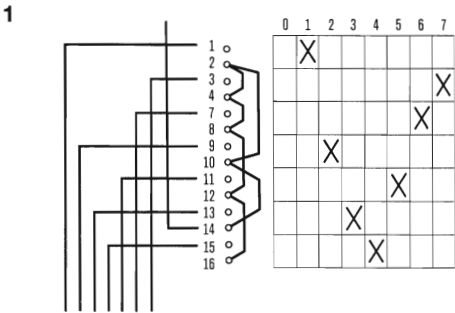


T0-4-146
T3-4-146

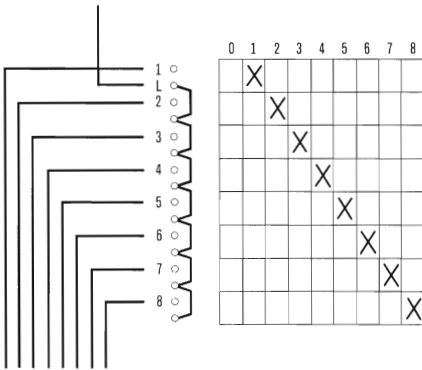


FS 428

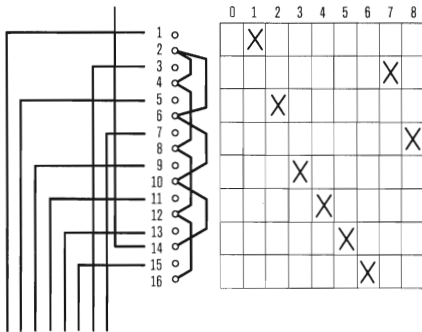
Pole
Poles
Pôles



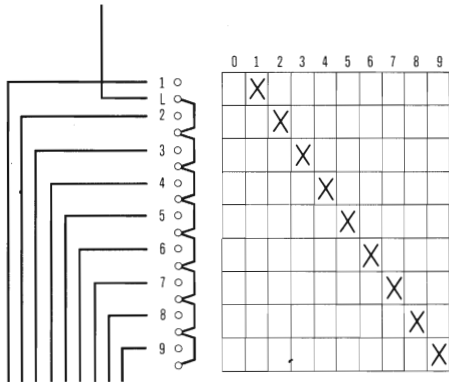
T0-4-8245
T3-4-8245



T0-4-15246
T3-4-15246



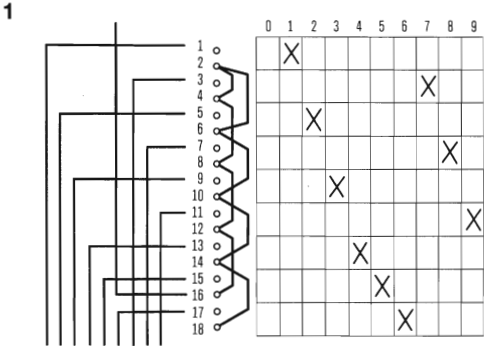
T0-4-8246
T3-4-8246



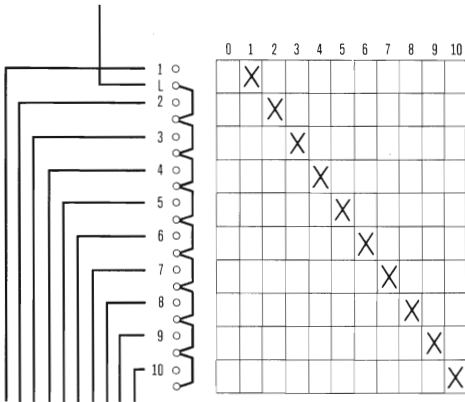
T0-5-15247
T3-5-15247



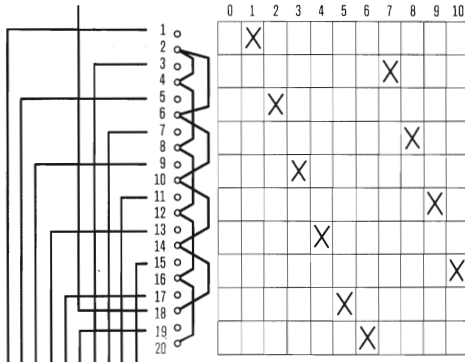
Pole
Poles
Pôles



T0-5-8247
T3-5-8247



T0-5-15248
T3-5-15248

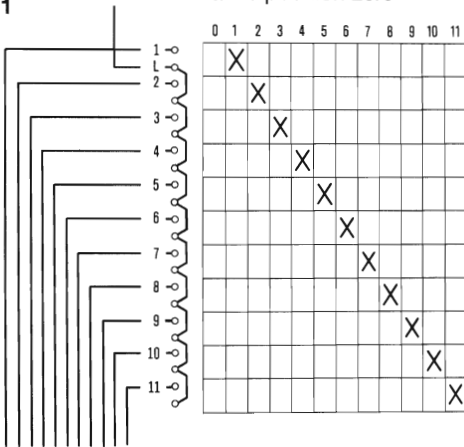


T0-5-8248
T3-5-8248



Pole
Poles
Pôles

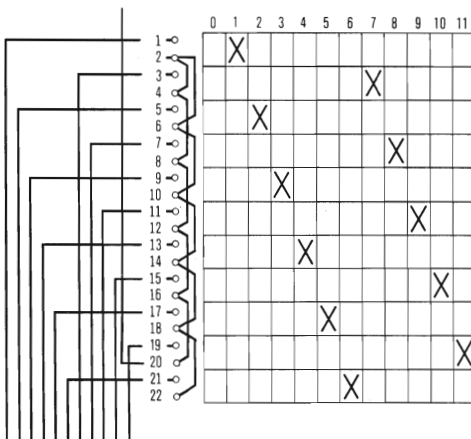
1



T0-6-15249
T3-6-15249



FS 310

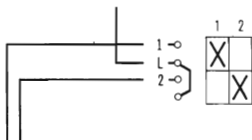


T0-6-8249
T3-6-8249



FS 310

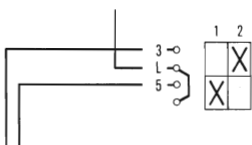
ohne Nullstellung
without "OFF" position
sans position zéro



T0-1-147
T3-1-147



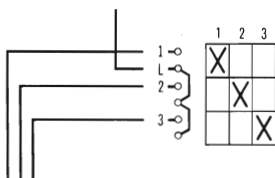
FS 402



T0-1-15075
T3-1-15075



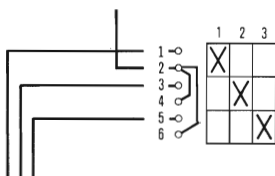
FS 401



T0-2-148
T3-2-148



FS 404



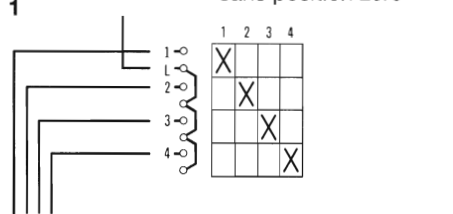
T0-2-8230
T3-2-8230



FS 404

Pole
Poles
Pôles

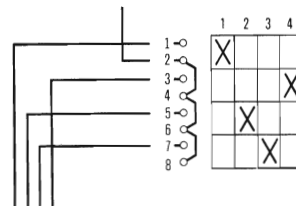
1



T0-2-149
T3-2-149



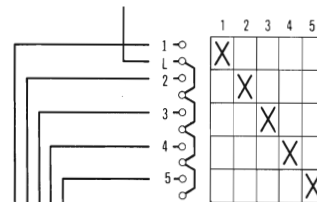
FS 406



T0-2-8231
T3-2-8231



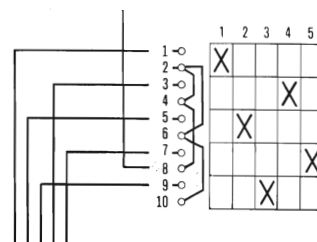
FS 606



T0-3-150
T3-3-150



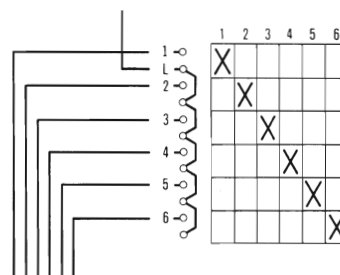
FS 408



T0-3-8232
T3-3-8232



FS 408



T0-3-151
T3-3-151



FS 410

Stufenschalter

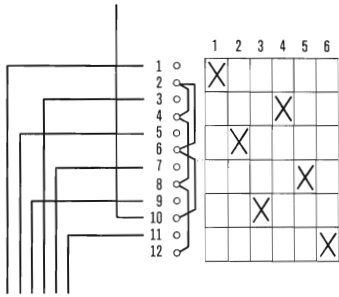
Step switches
Commutateurs à gradins

ohne Nullstellung
without "OFF" position
sans position zéro

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Pole
Poles
Pôles

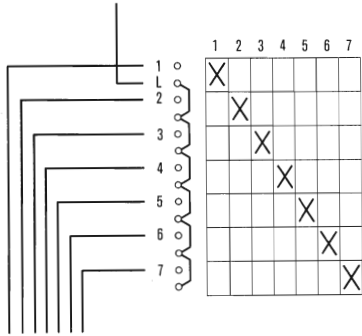
1



T0-3-8233
T3-3-8233



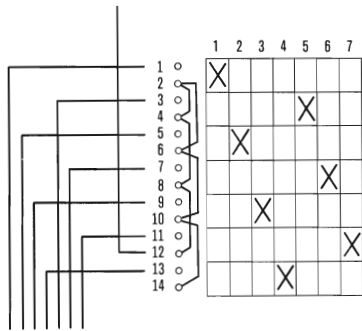
FS 410



T0-4-152
T3-4-152



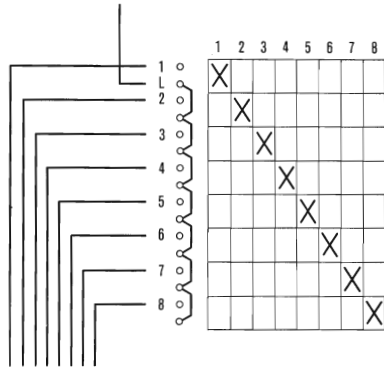
FS 412



T0-4-8234
T3-4-8234



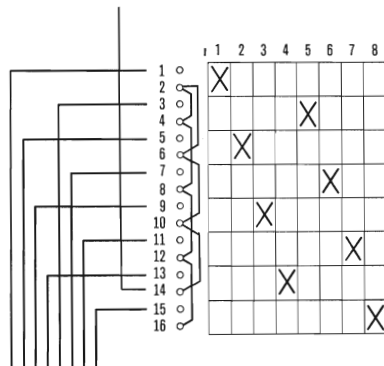
FS 412



T0-4-153
T3-4-153



FS 414



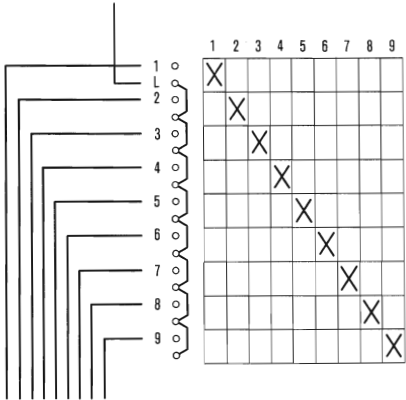
T0-4-8235
T3-4-8235



FS 414

Pole
Poles
Pôles

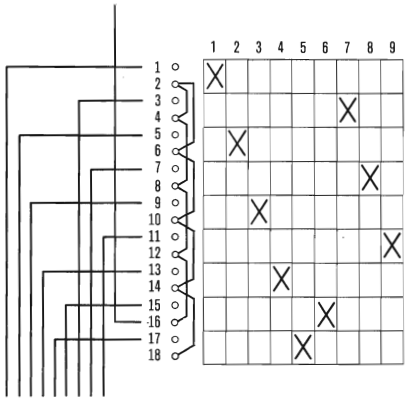
1



T0-5-15250
T3-5-15250



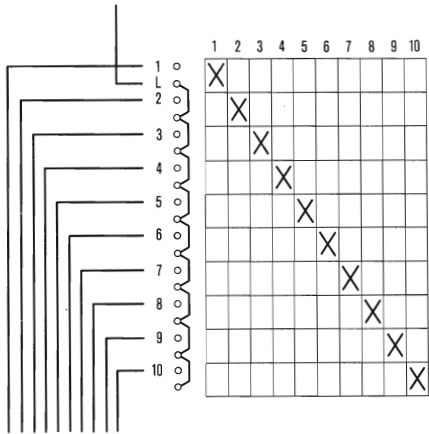
FS 304



T0-5-8236
T3-5-8236



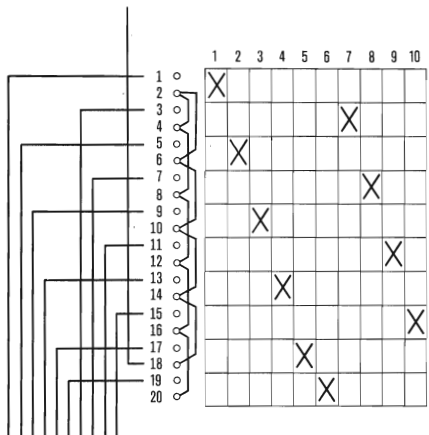
FS 304



T0-5-15251
T3-5-15251



FS 303



T0-5-8237
T3-5-8237

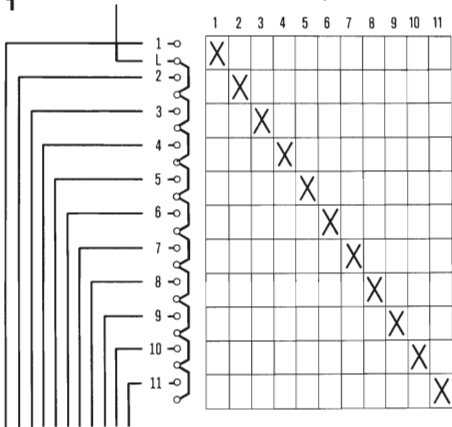


FS 303

Pole
Poles
Pôles

1

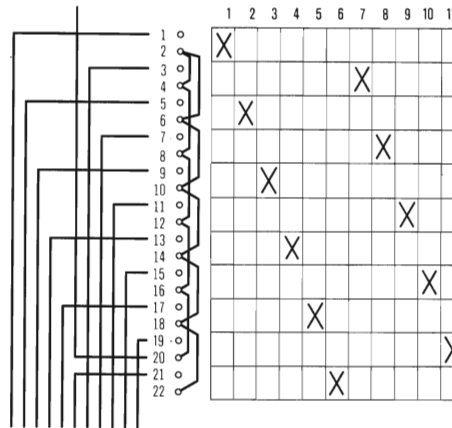
ohne Nullstellung
without "OFF" position
sans position zéro



T0-6-15252
T3-6-15252



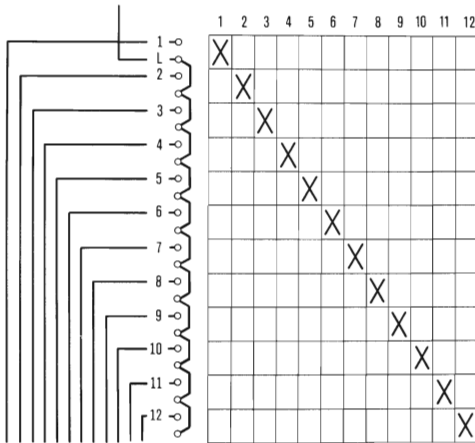
FS 302



T0-6-8238
T3-6-8238



FS 302

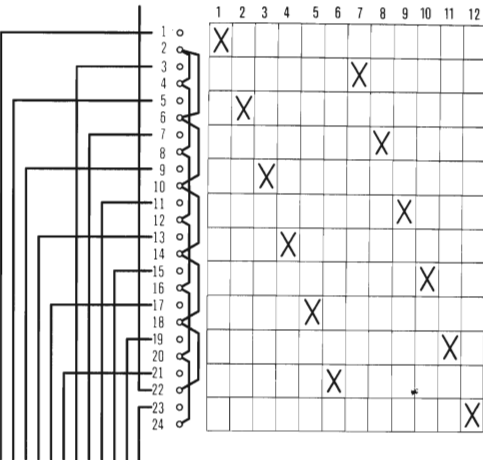


T0-6-15253
T3-6-15253



FS 301

mit Rund-
schaltung
Complete
rotation
Commutation
sans butée



T0-6-8239
T3-6-8239



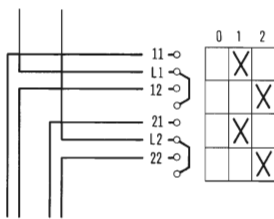
FS 301

mit Rund-
schaltung
Complete
rotation
Commutation
sans butée

Pole
Poles
Pôles

2

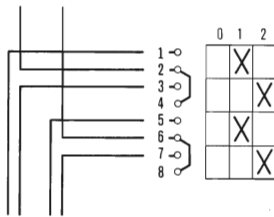
mit Nullstellung
with "OFF" position
avec position zéro



T0-2-15130
T3-2-15130



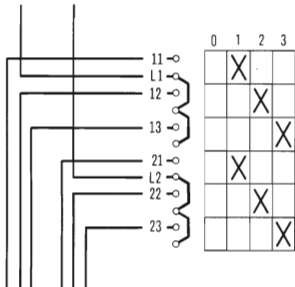
FS 418



T0-2-8260
T3-2-8260



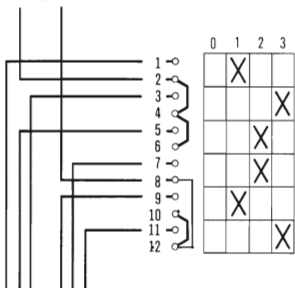
FS 418



T0-3-15131
T3-3-15131



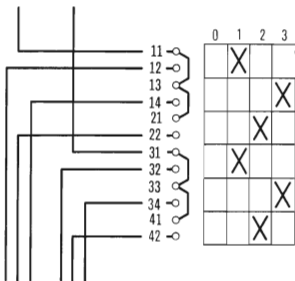
FS 420



T0-3-8261
T3-3-8261



FS 420



T0-3-15053
T3-3-15053

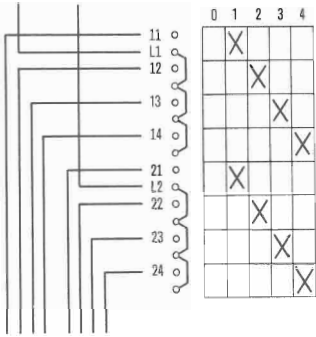


FS 912

mit Rund-
schaltung
Complete rotation
Commutation sans butée

Pole
Poles
Pôles

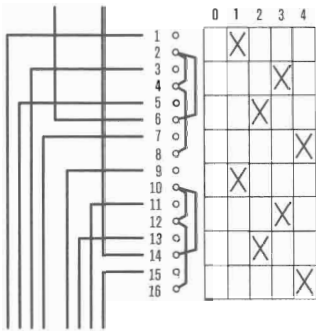
2



T0-4-15132
T3-4-15132



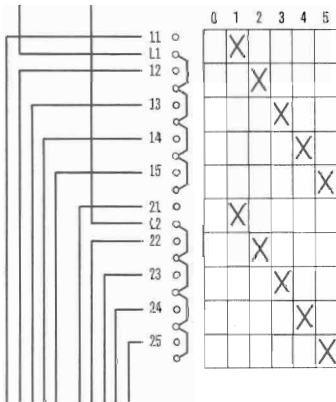
FS 422



T0-4-8262
T3-4-8262



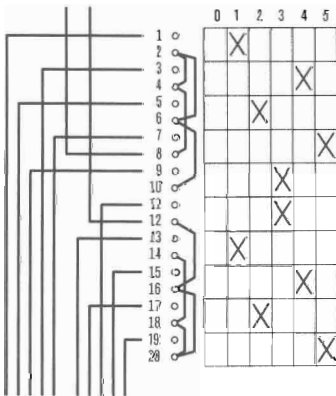
FS 422



T0-5-15133
T3-5-15133



FS 424



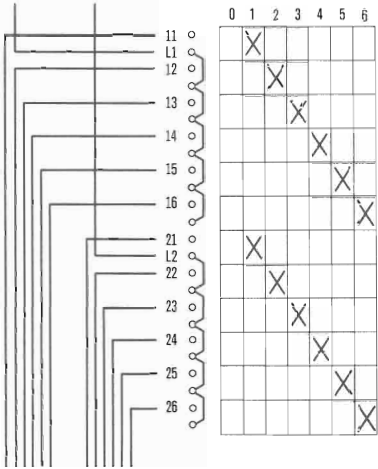
T0-5-8263
T3-5-8263



FS 424

Pole
Poles
Pôles

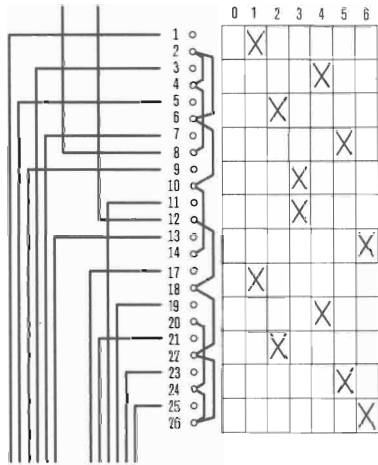
2



T0-6-15134
T3-6-15134



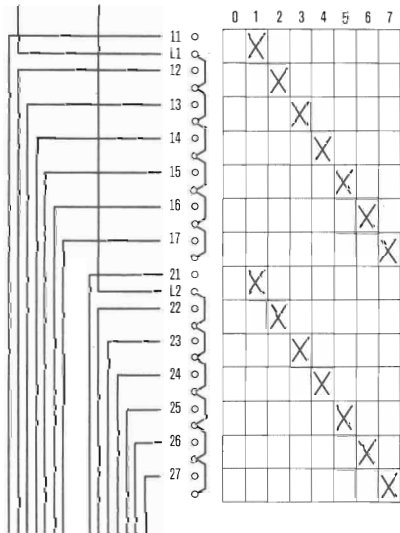
FS 426



T0-6-8264
T3-6-8264



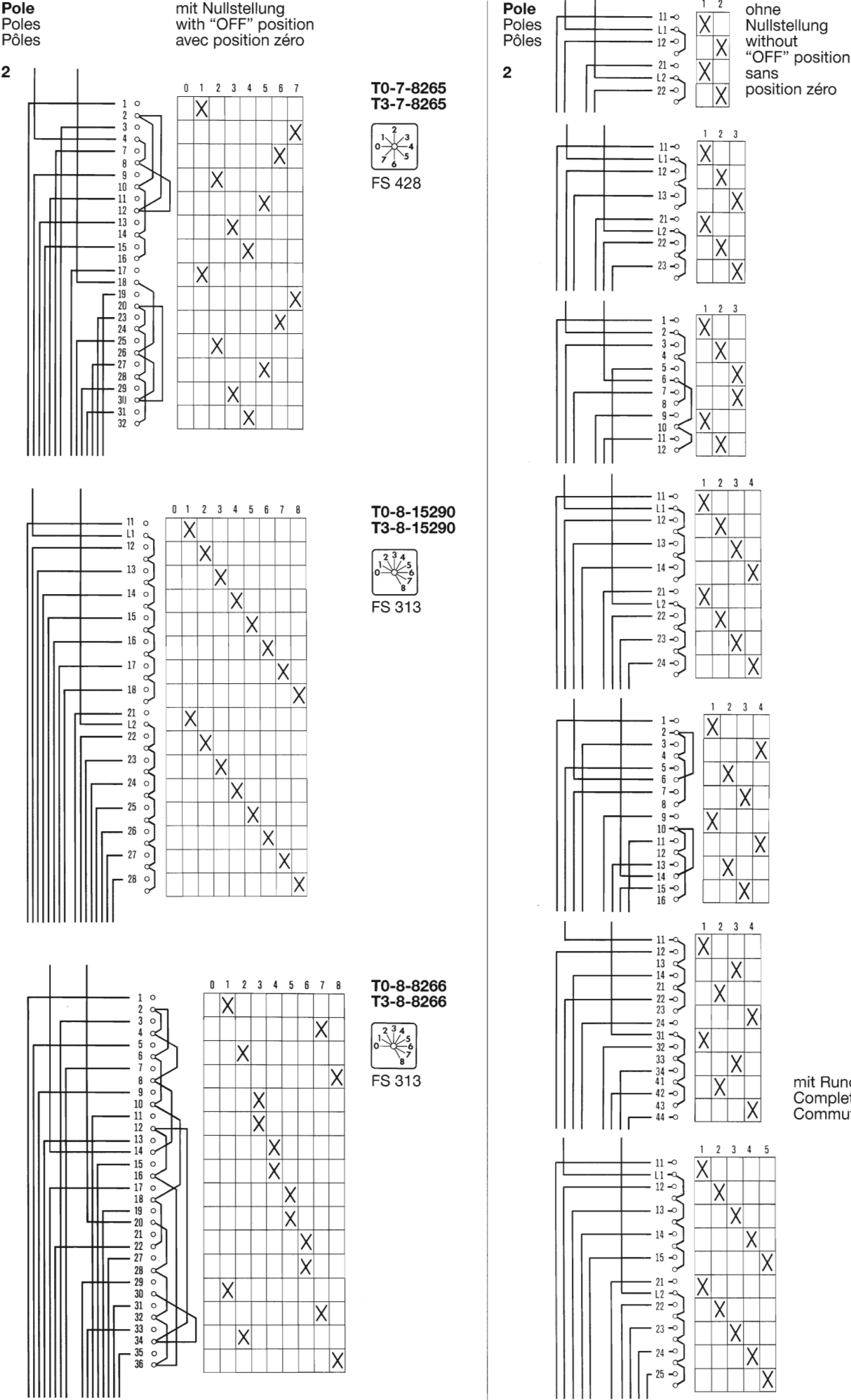
FS 426



T0-7-15135
T3-7-15135

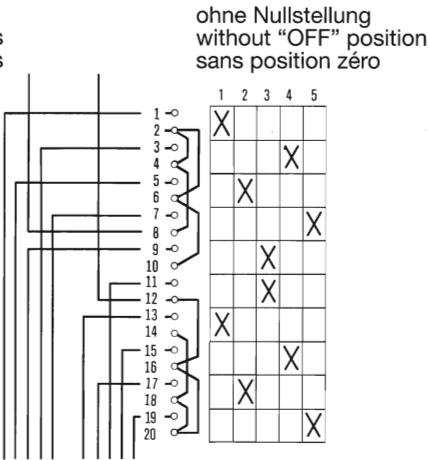


FS 428



Pole
Poles
Pôles

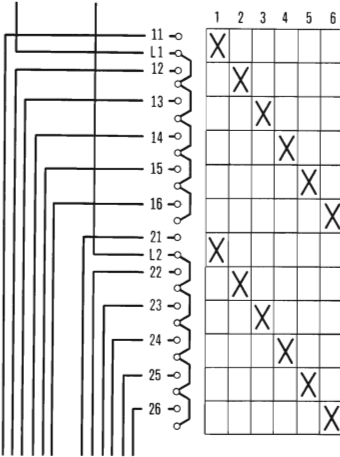
2



T0-5-8252
T3-5-8252



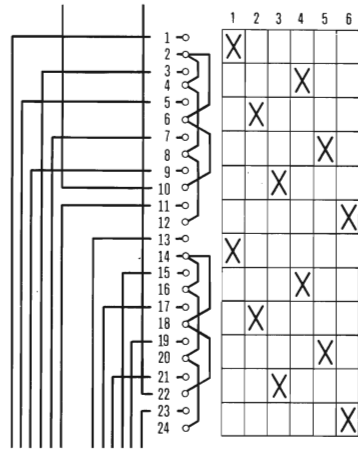
FS 408



T0-6-15140
T3-6-15140



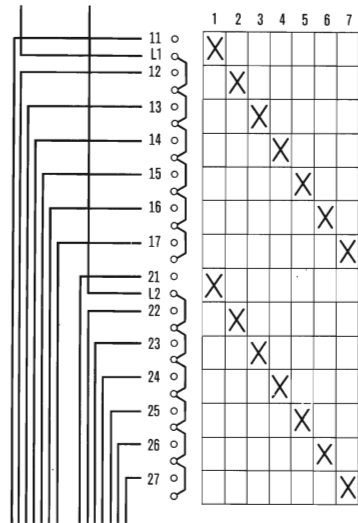
FS 410



T0-6-8253
T3-6-8253



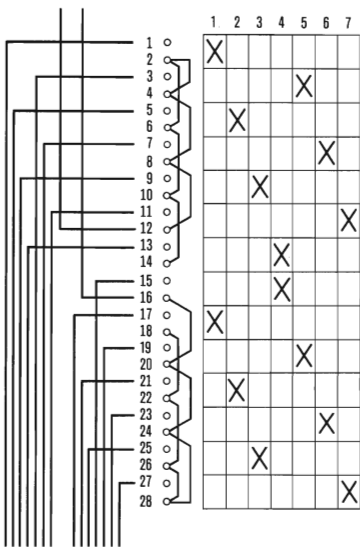
FS 410



T0-7-15141
T3-7-15141



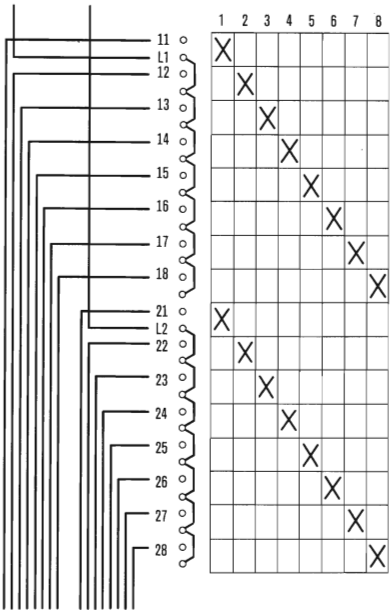
FS 412



T0-7-8254
T3-7-8254



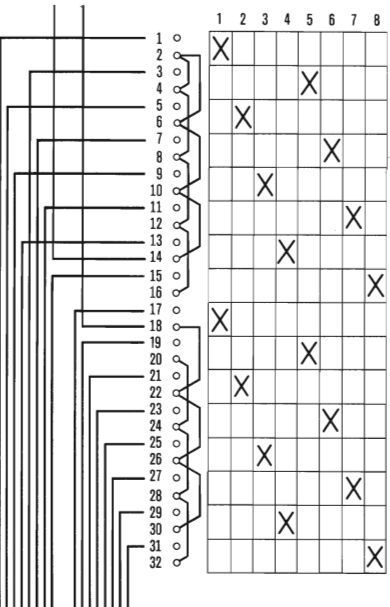
FS 412



T0-8-15142
T3-8-15142



FS 414



T0-8-8255
T3-8-8255

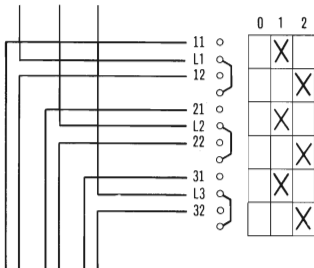


FS 414

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

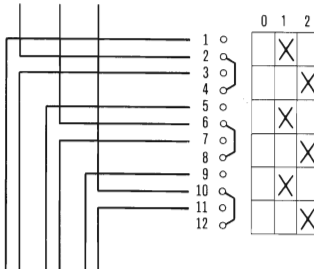
3



T0-3-15143
T3-3-15143



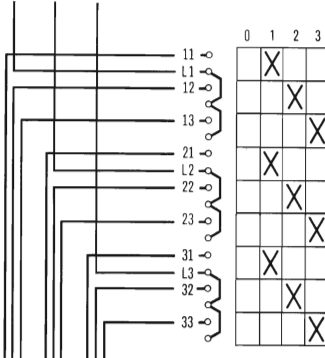
FS 418



T0-3-8280
T3-3-8280



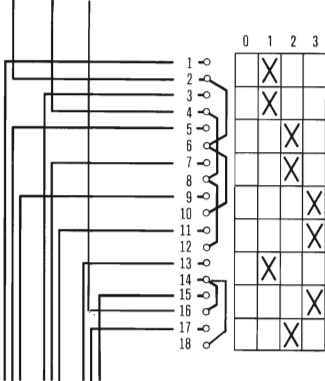
FS 418



T0-5-15144
T3-5-15144



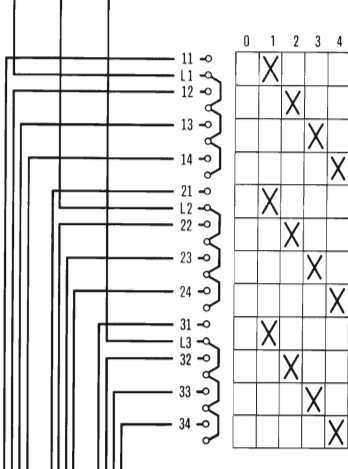
FS 420



T0-5-8281
T3-5-8281



FS 420



T0-6-15145
T3-6-15145

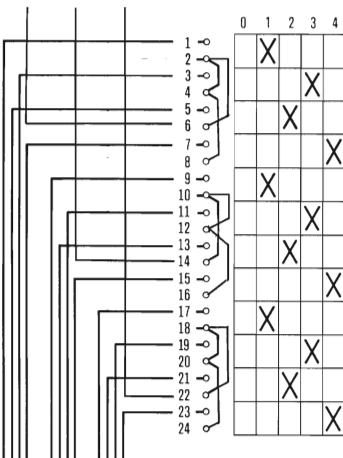


FS 422

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

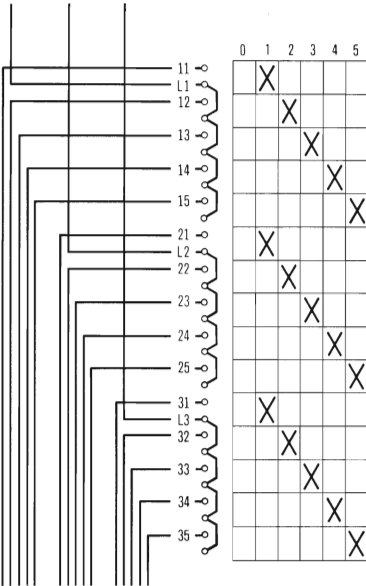
3



T0-6-8282
T3-6-8282



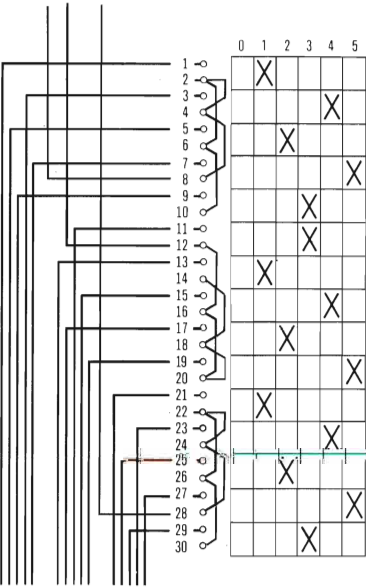
FS 422



T0-8-15146
T3-8-15146



FS 424



T0-8-8283
T3-8-8283

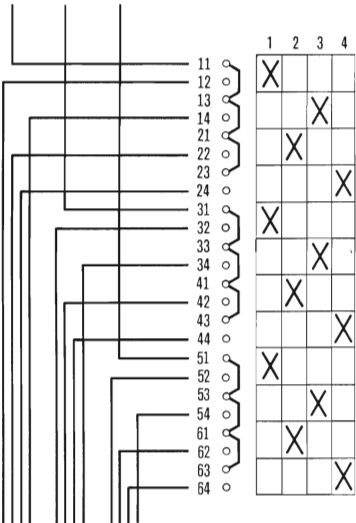


FS 424

Pole
Poles
Pôles

3

ohne Nullstellung
without "OFF" position
sans position zéro

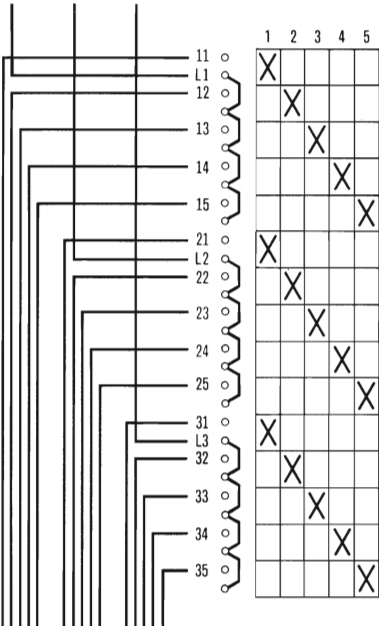


T0-6-15057
T3-6-15057



FS 906

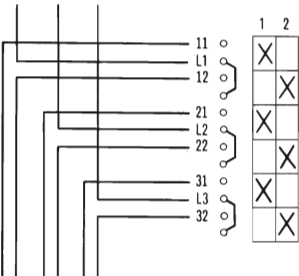
Rundschaltung
Complete rotation
Commutation sans butée



T0-8-15152
T3-8-15152



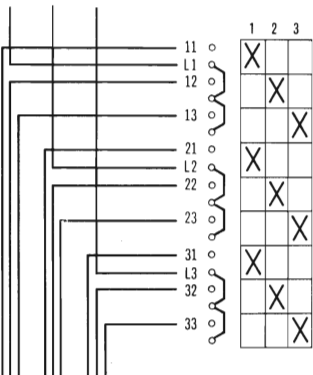
FS 408



T0-3-15149
T3-3-15149



FS 402



T0-5-15150
T3-5-15150

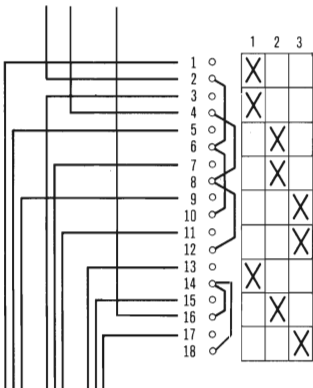


FS 404

Pole
Poles
Pôles

3

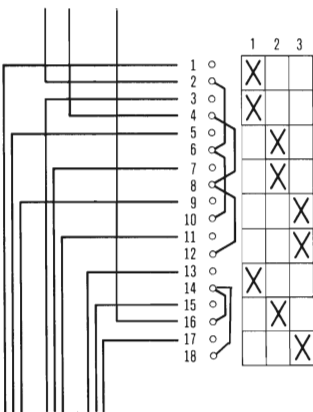
ohne Nullstellung
without "OFF" position
sans position zéro



T0-5-15270
T3-5-15270



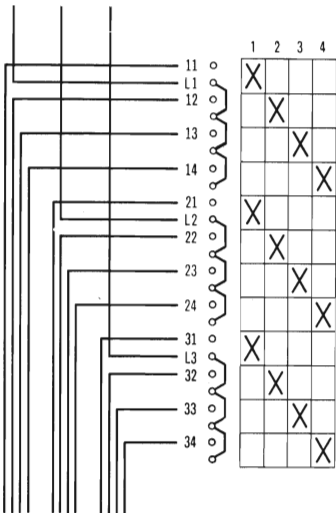
FS 603



T0-5-8270
T3-5-8270



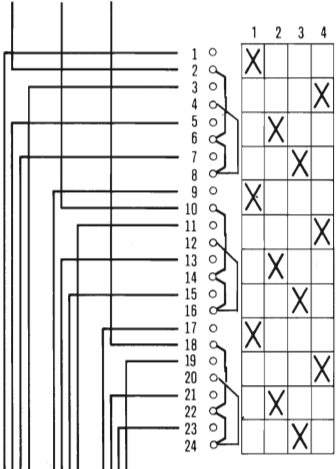
FS 404



T0-6-15151
T3-6-15151



FS 406



T0-6-8271
T3-6-8271

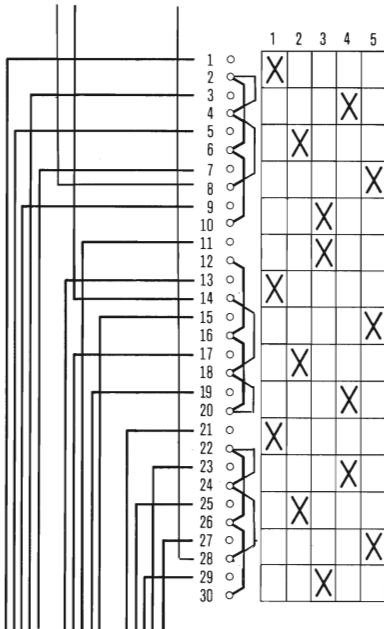


FS 406

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

3



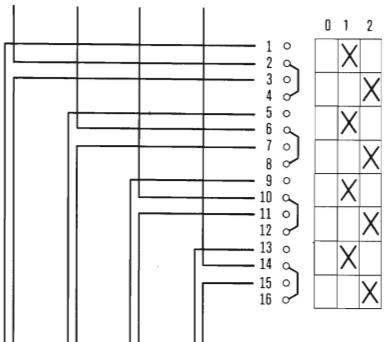
T0-8-8272
T3-8-8272



FS 408

mit Nullstellung
with "OFF" position
avec position zéro

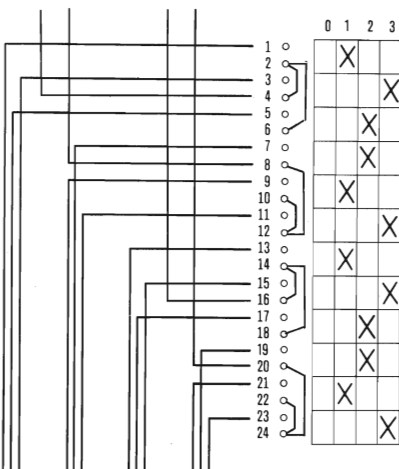
4



T0-4-8480
T3-4-8480



FS 644



T0-6-8481
T3-6-8481

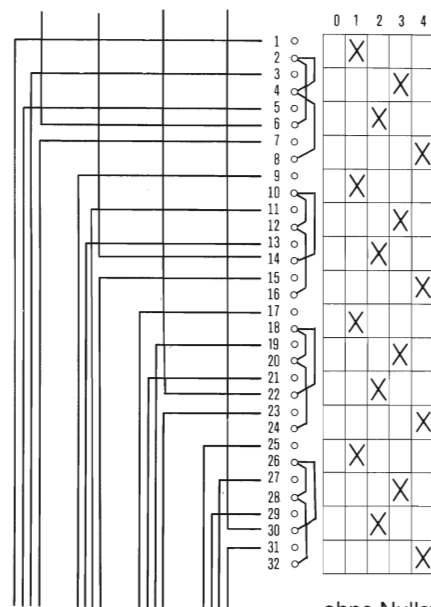


FS 420

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

4



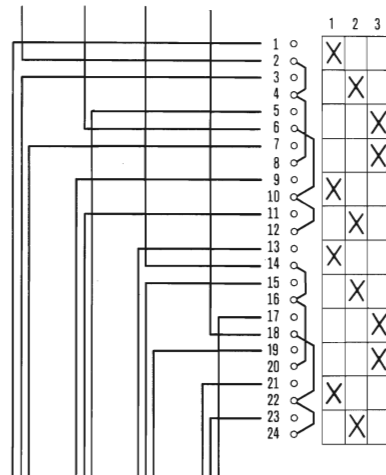
T0-8-8482
T3-8-8482



FS 422

ohne Nullstellung
without "OFF" position
sans position zéro

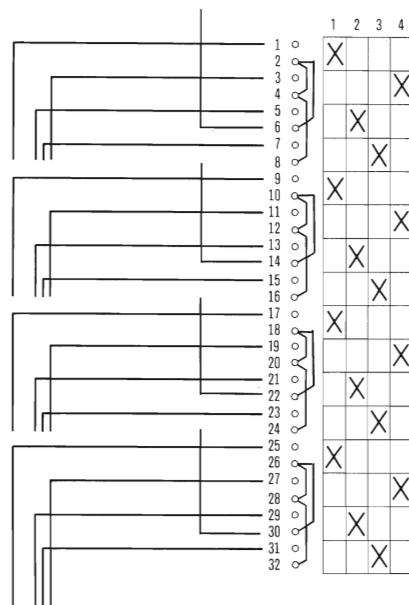
4



T0-6-8476
T3-6-8476



FS 604



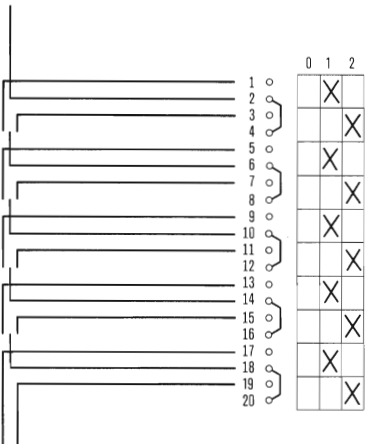
T0-8-8477
T3-8-8477



FS 406

Pole
Poles
Pôles

4



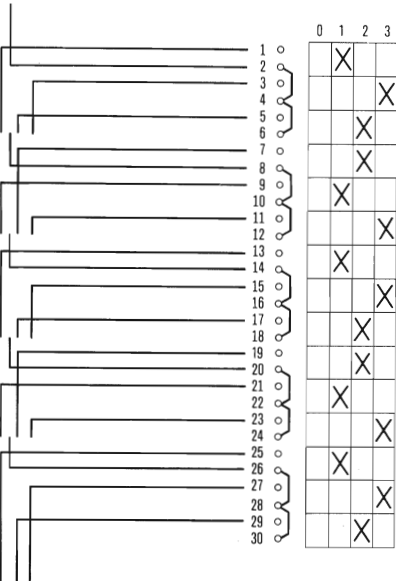
mit Nullstellung
with "OFF" position
avec position zéro

T0-5-8486
T3-5-8486



FS 418

5

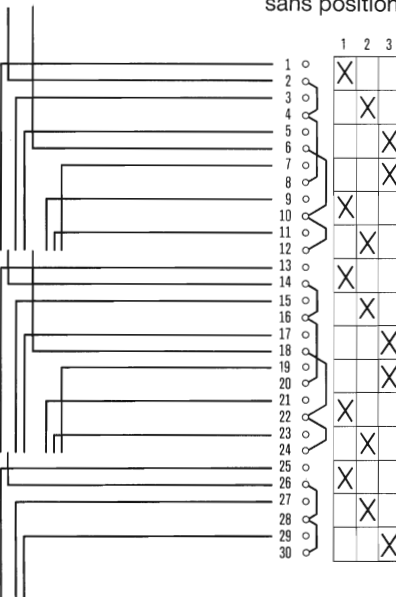


T0-8-8487
T3-8-8487



FS 420

5



ohne Nullstellung
without "OFF" position
sans position zéro

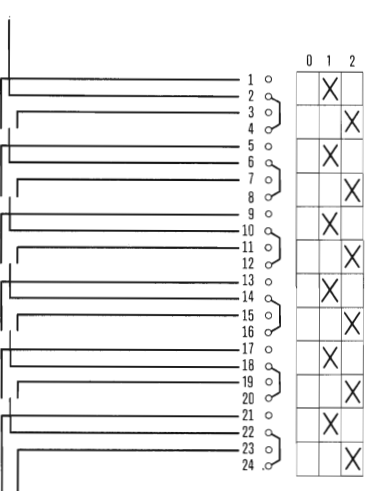
T0-8-8484
T3-8-8484



FS 604

Pole
Poles
Pôles

6



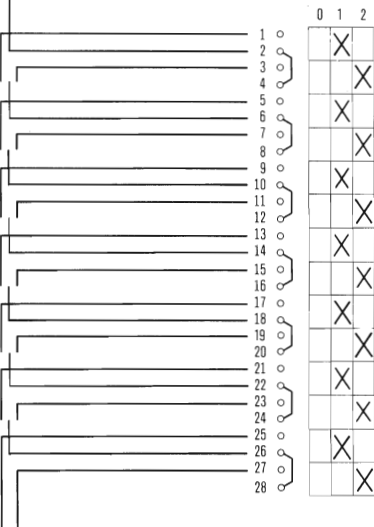
mit Nullstellung
with "OFF" position
avec position zéro

T0-6-8491
T3-6-8491



FS 614

7

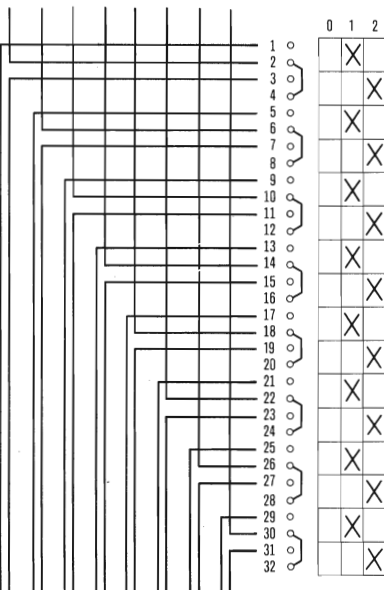


T0-7-8495
T3-7-8495



FS 614

8



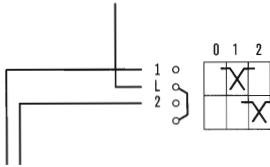
T0-8-8498
T3-8-8498



FS 644

Pole
Poles
Pôles

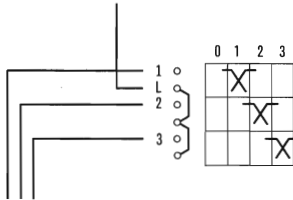
1



T0-1-15023
T3-1-15023



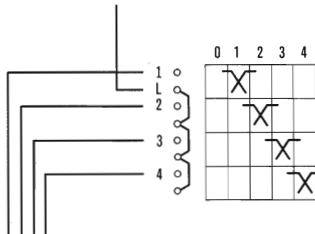
FS 418



T0-2-15024
T3-2-15024



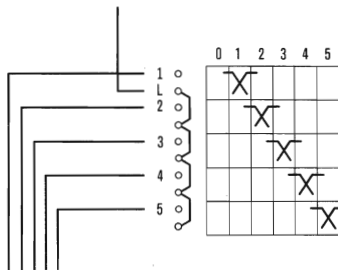
FS 420



T0-2-15025
T3-2-15025



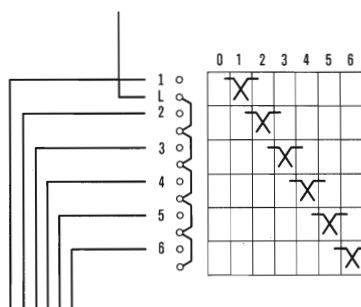
FS 422



T0-3-15026
T3-3-15026



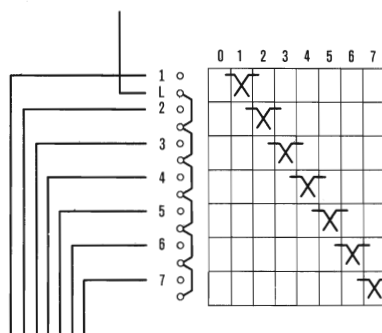
FS 424



T0-3-15027
T3-3-15027



FS 426



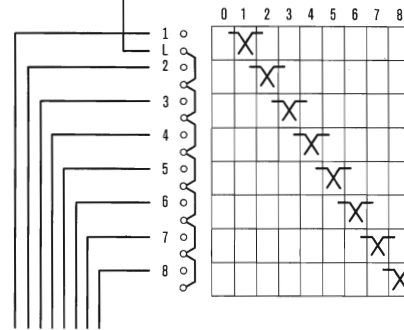
T0-4-15028
T3-4-15028



FS 428

Pole
Poles
Pôles

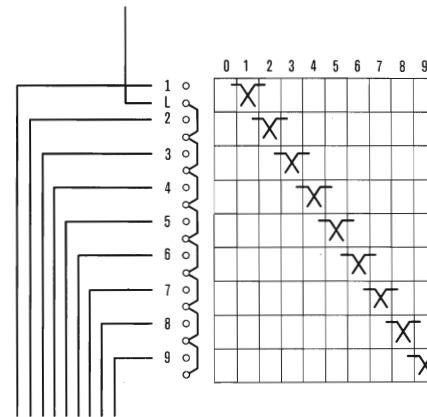
1



T0-4-15223
T3-4-15223



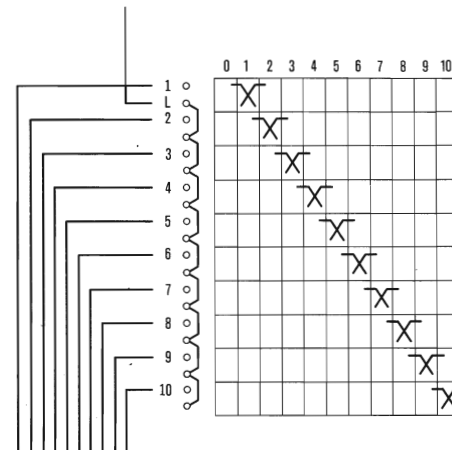
FS 313



T0-5-15224
T3-5-15224



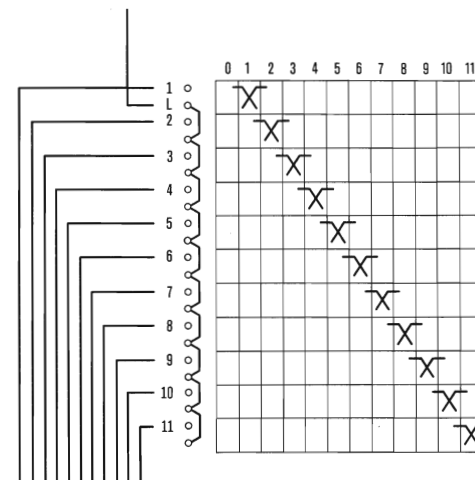
FS 312



T0-5-15225
T3-5-15225



FS 311



T0-6-15226
T3-6-15226



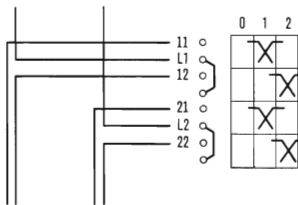
FS 310

Rundschaltung
Complete rotation
Commutation
sans butée

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

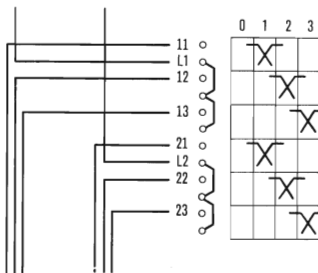
2



T0-2-15029
T3-2-15029



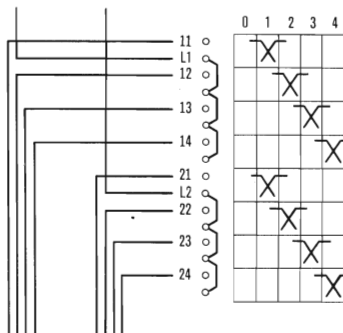
FS 418



T0-3-15030
T3-3-15030



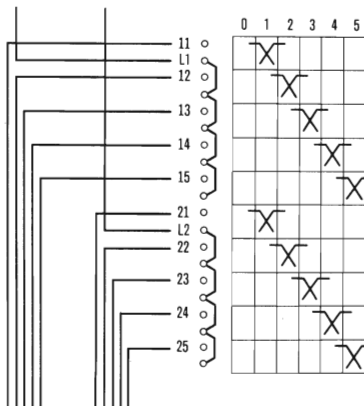
FS 420



T0-4-15031
T3-4-15031



FS 422



T0-5-15032
T3-5-15032

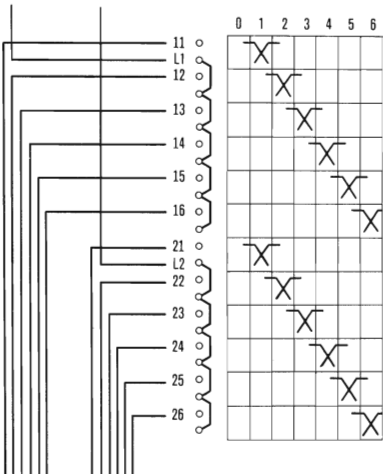


FS 424

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

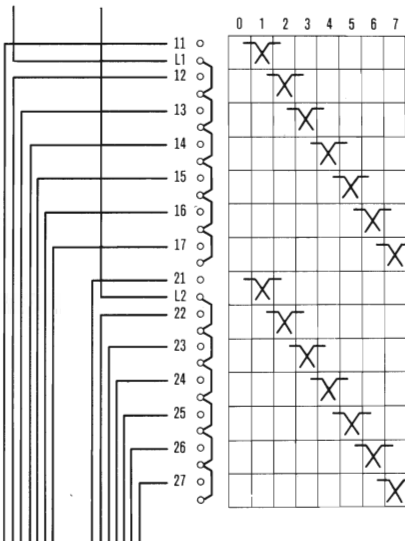
2



T0-6-15033
T3-6-15033



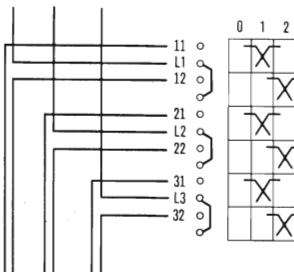
FS 426



T0-7-15034
T3-7-15034



FS 428



T0-3-15035
T3-3-15035



FS 418

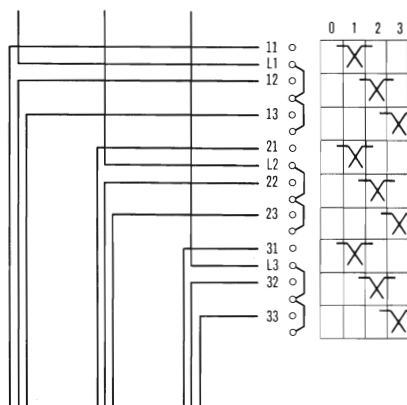
Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

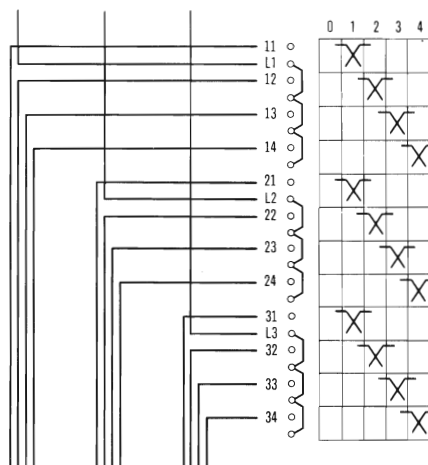
3



T0-5-15036
T3-5-15036



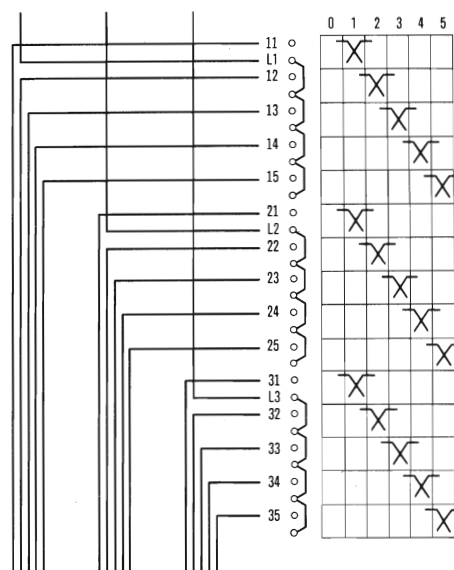
FS 420



T0-6-15037
T3-6-15037



FS 422

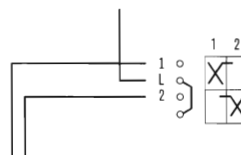


T0-8-15038
T3-8-15038



FS 424

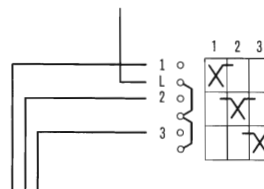
3



T0-1-15002
T3-1-15002



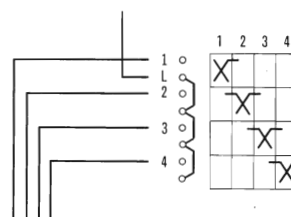
FS 402



T0-2-15003
T3-2-15003



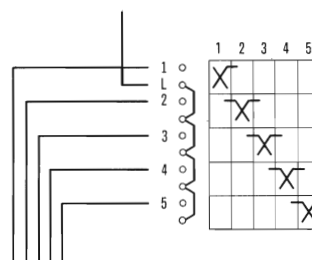
FS 404



T0-2-15004
T3-2-15004



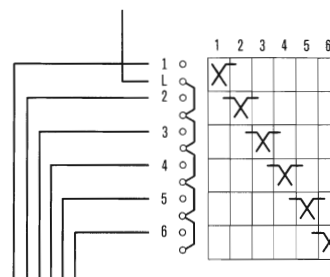
FS 406



T0-3-15005
T3-3-15005



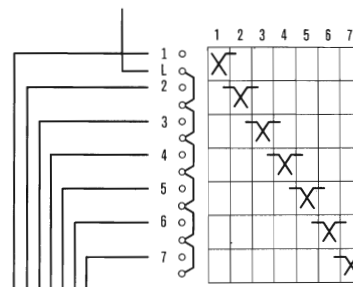
FS 408



T0-3-15006
T3-3-15006



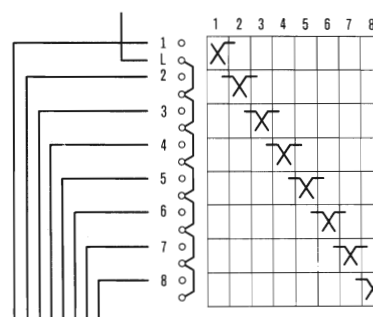
FS 410



T0-4-15007
T3-4-15007



FS 412



T0-4-15008
T3-4-15008



FS 414

Stufenschalter

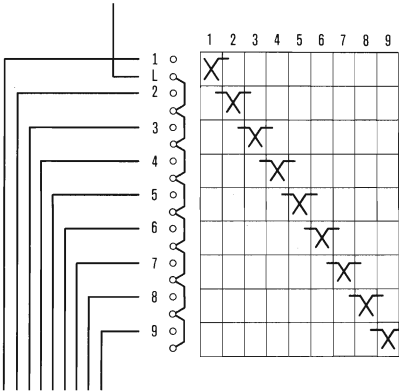
Step switches
Commutateurs à gradins

Unterbrechungslose Umschaltung
With non-interrupted changeover
Sans coupure à la commutation

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

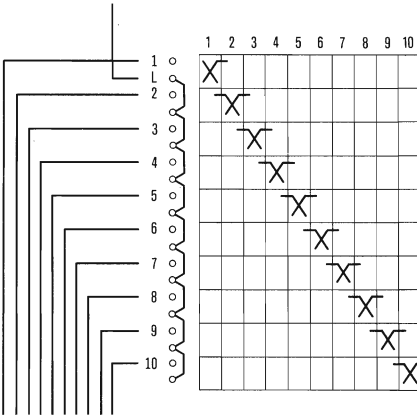
1



T0-5-15227
T3-5-15227



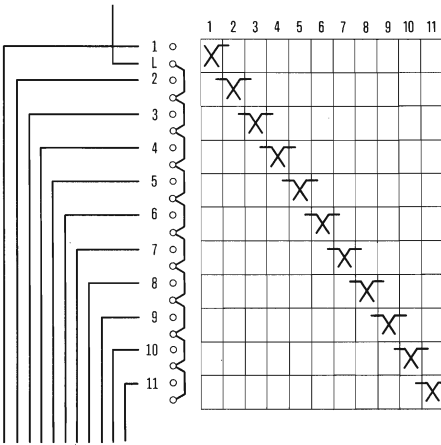
FS 304



T0-5-15228
T3-5-15228



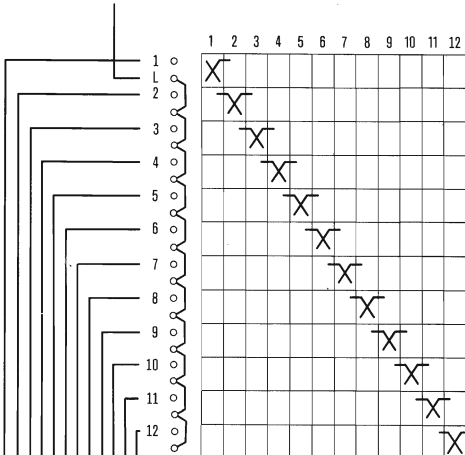
FS 303



T0-6-15229
T3-6-15229



FS 302



T0-6-15230
T3-6-15230



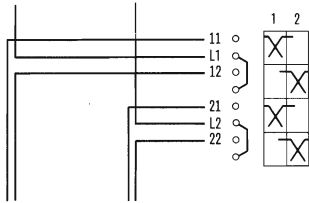
FS 301

Rundschtaltung
Complete rotation
Commutation
sans butée

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

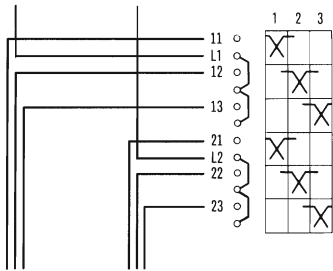
2



T0-2-15009
T3-2-15009



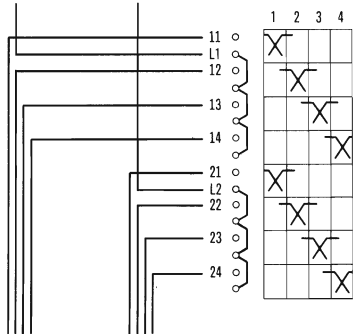
FS 402



T0-3-15010
T3-3-15010



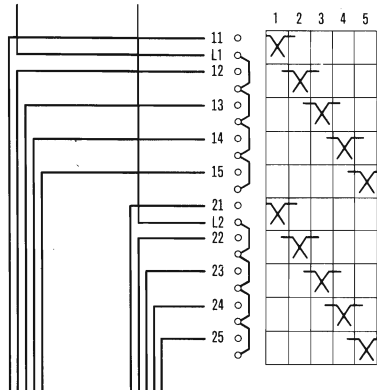
FS 404



T0-4-15011
T3-4-15011



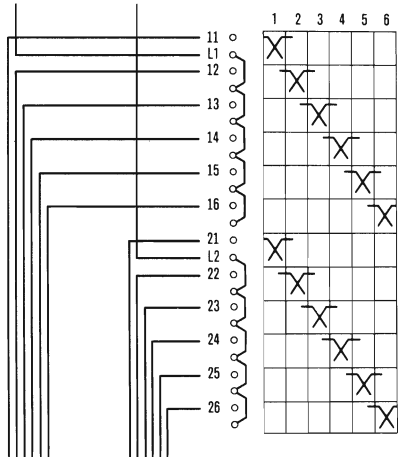
FS 406



T0-5-15012
T3-5-15012



FS 408



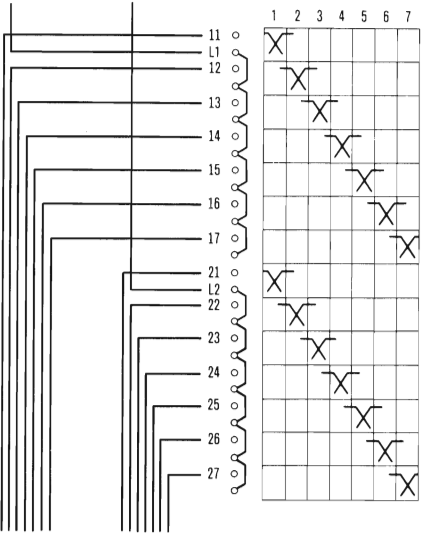
T0-6-15013
T3-6-15013



FS 410

Pole
Poles
Pôles

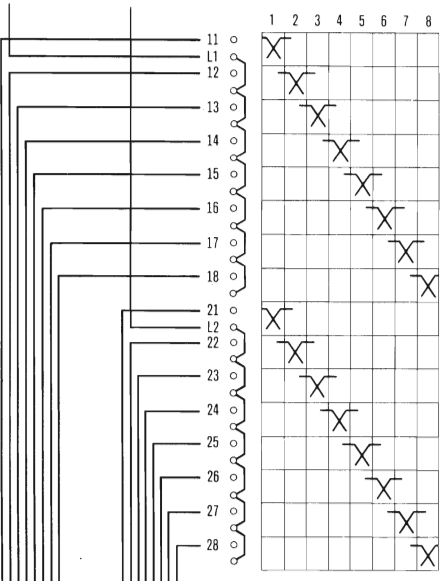
2



T0-7-15014
T3-7-15014



FS 412

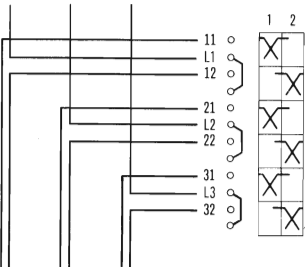


T0-8-15015
T3-8-15015



FS 414

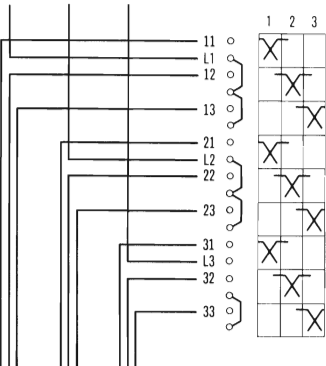
3



T0-3-15016
T3-3-15016



FS 42



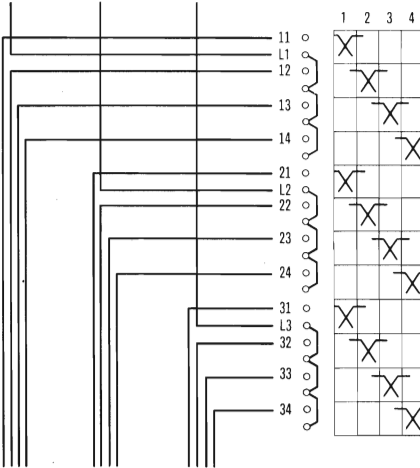
T0-5-15017
T3-5-15017



FS 404

Pole
Poles
Pôles

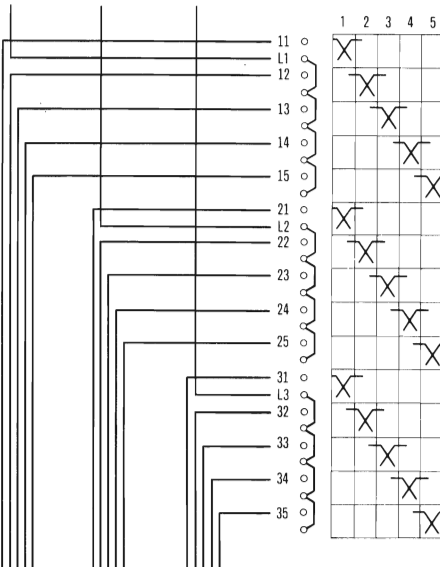
3



T0-6-15018
T3-6-15018



FS 406



T0-8-15019
T3-8-15019



FS 406

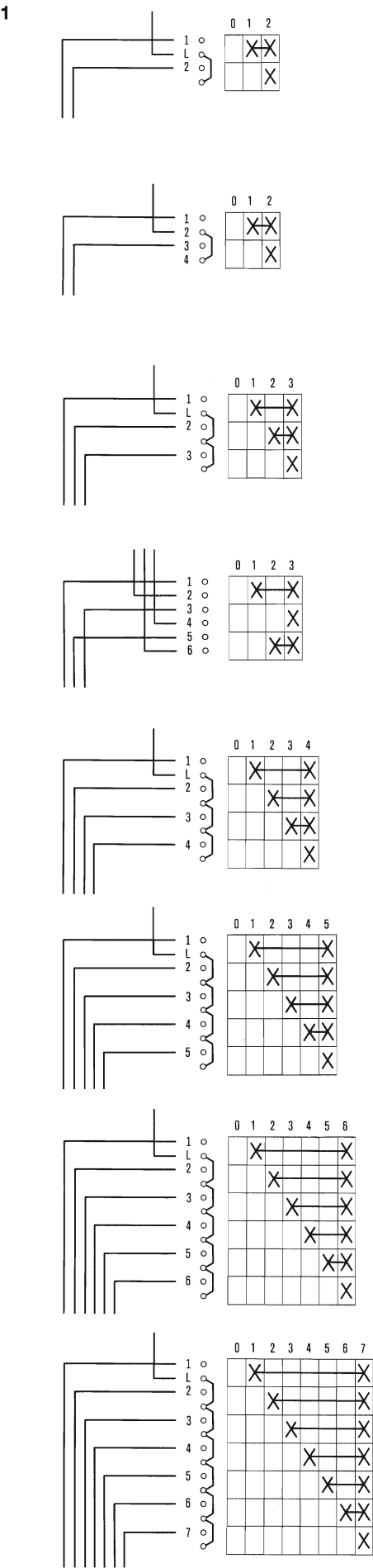
Stufenschalter

Step switches
Commutateurs à gradins

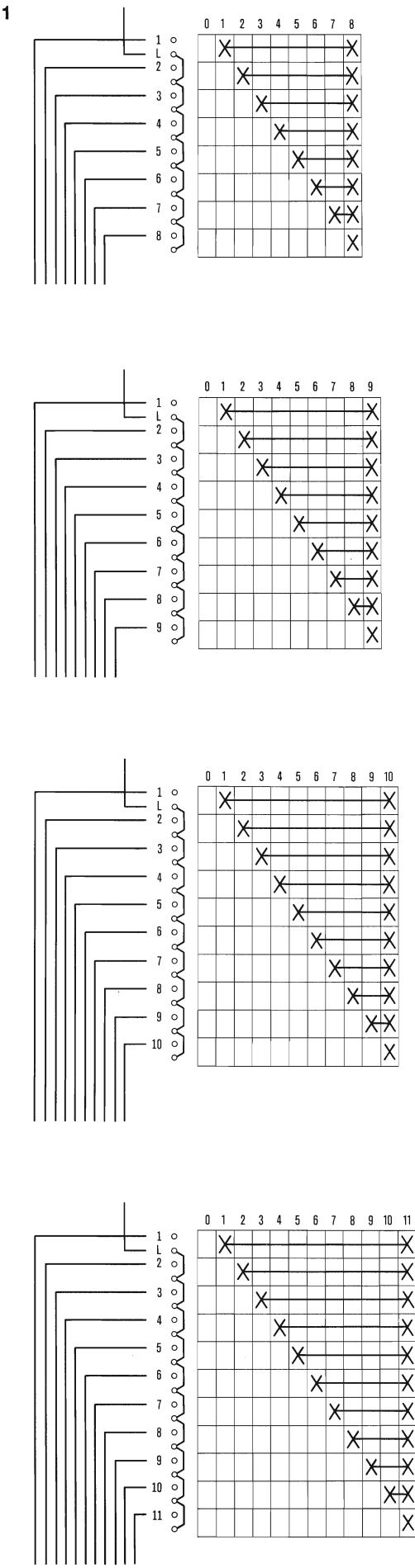
Zuschaltung von Stufen
With incremental steps
Mise en service de crans

mit Nullstellung
with "OFF" position
avec position zéro

Pole
Poles
Pôles

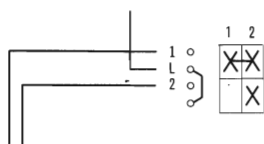


Pole
Poles
Pôles



Pole
Poles
Pôles

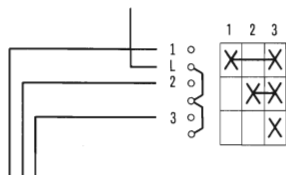
1



T0-1-176
T3-1-176



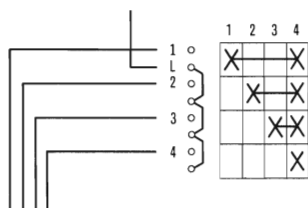
FS 402



T0-2-177
T3-2-177



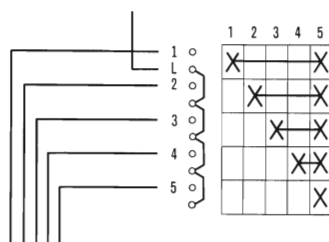
FS 404



T0-2-178
T3-2-178



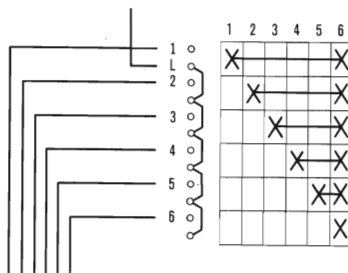
FS 406



T0-3-179
T3-3-179



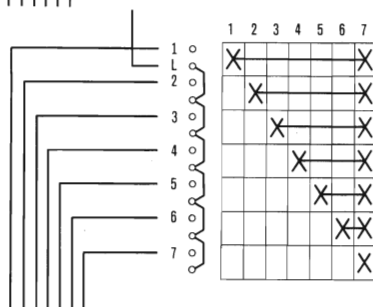
FS 408



T0-3-180
T3-3-180



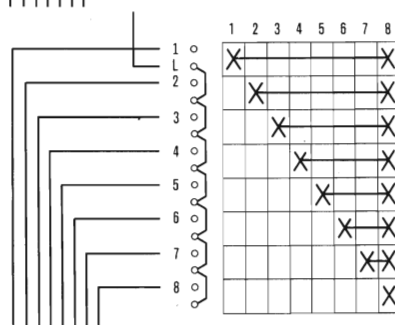
FS 410



T0-4-181
T3-4-181



FS 412



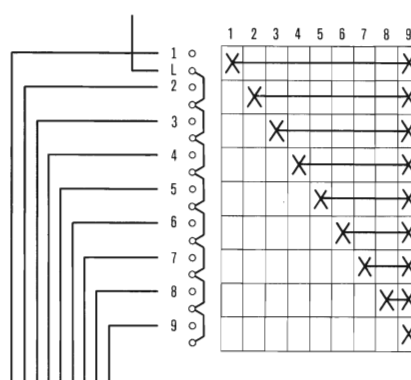
T0-4-182
T3-4-182



FS 414

Pole
Poles
Pôles

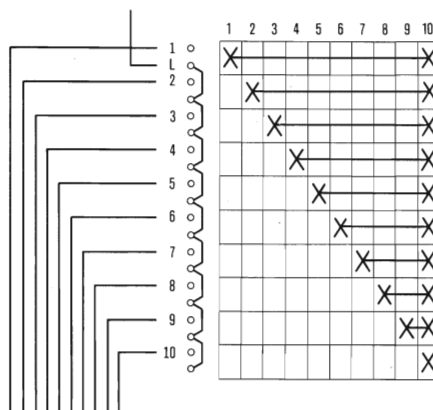
1



T0-5-15219
T3-5-15219



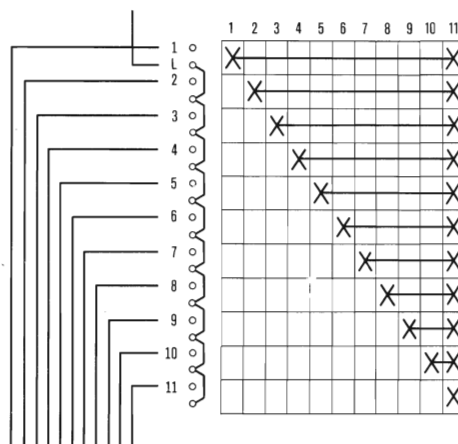
FS 304



T0-5-15220
T3-5-15220



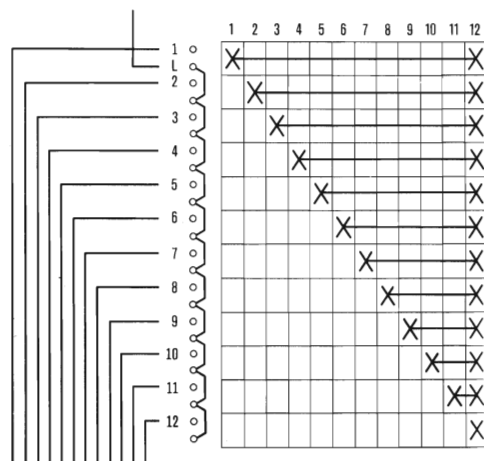
FS 303



T0-6-15221
T3-6-15221



FS 302



T0-6-15222
T3-6-15222



FS 301

mit Rund-
schaltung
Complete
rotation
Commutation
sans butée

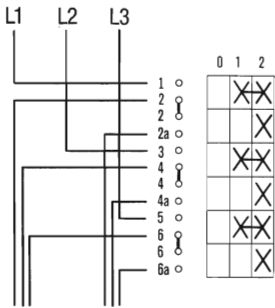
Stufenschalter

Step switches
Commutateurs à gradins

mit Nullstellung
with "OFF" position
avec position zéro

Pole
Poles
Pôles

3

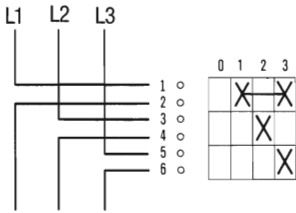


T0-3-15069
T3-3-15069



FS 644

3

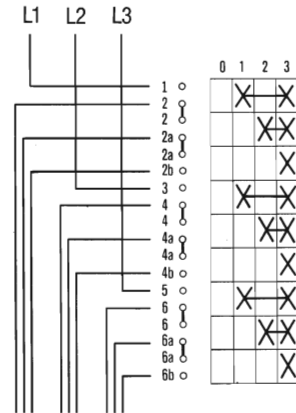


T0-2-8871
T3-2-8871



FS 419

3

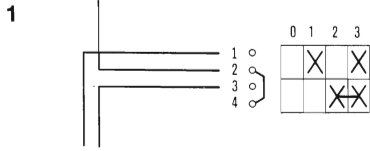


T0-5-15070
T3-5-15070



FS 420

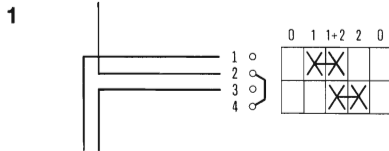
Pole
Poles
Pôles



T0-1-8330
T3-1-8330



FS 420

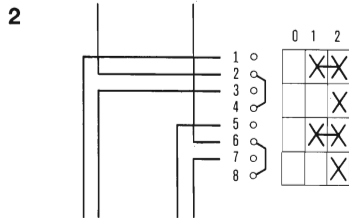


Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

T0-1-15113
T3-1-15113



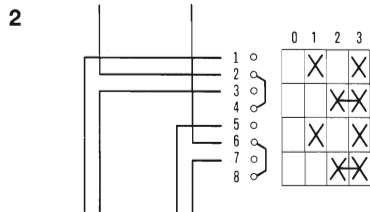
FS 193840



T0-2-8312
T3-2-8312



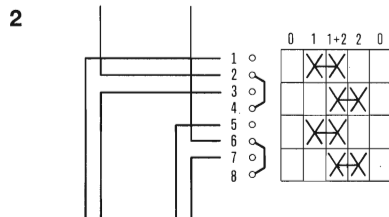
FS 418



T0-2-8331
T3-2-8331



FS 420

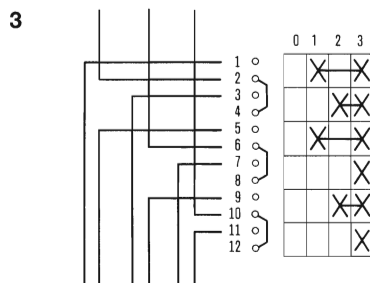


Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

T0-2-15114
T3-2-15114



FS 193840

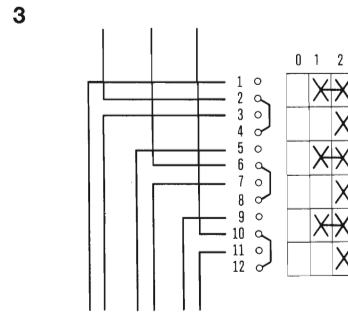


T0-3-8313
T3-3-8313



FS 420

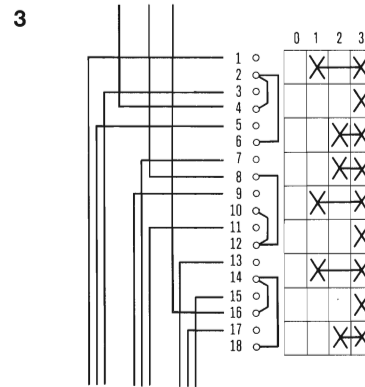
Pole
Poles
Pôles



T0-3-8314
T3-3-8314



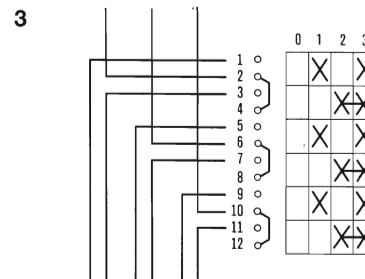
FS 418



T0-5-8315
T3-5-8315



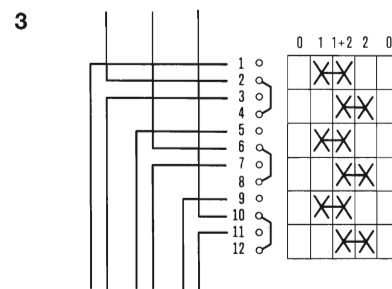
FS 420



T0-3-8332
T3-3-8332



FS 420

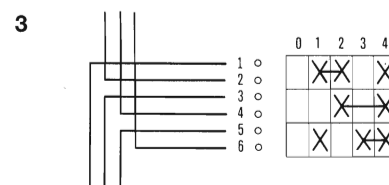


T0-3-15115
T3-3-15115



FS 193840

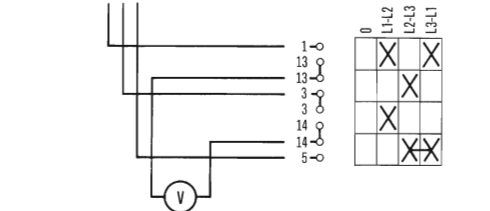
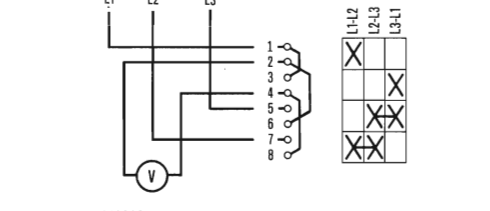
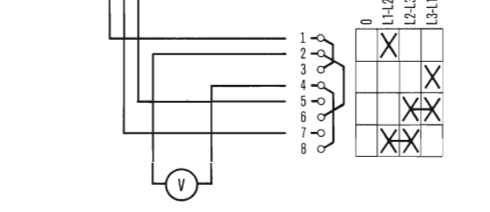
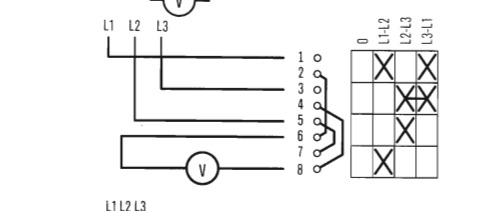
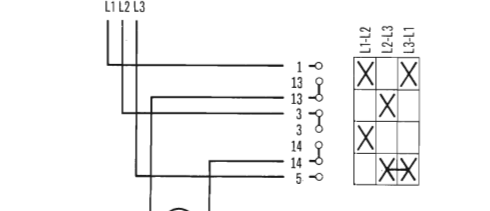
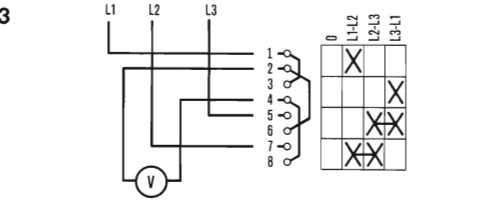
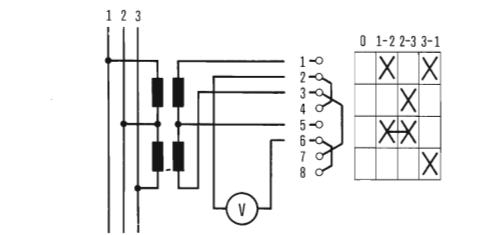
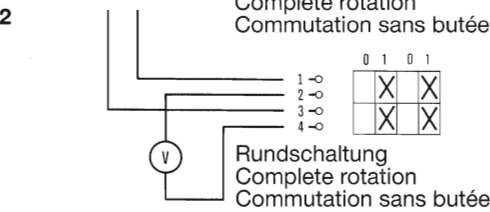
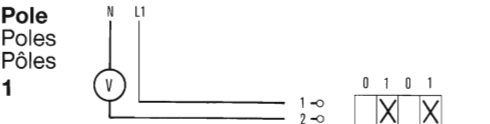
Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens



T0-3-8340
T3-2-8340



FS 422



T0-1-8001
T3-1-8001



T0-1-8002
T3-1-8002



T0-2-8011
T3-2-8011



T0-2-15920
T3-2-15920



T0-2-14
T3-2-14



T0-2-15176
T3-2-15176



T0-2-8004
T3-2-8004



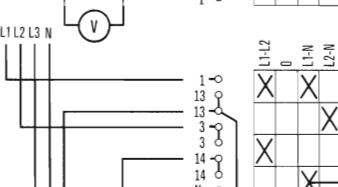
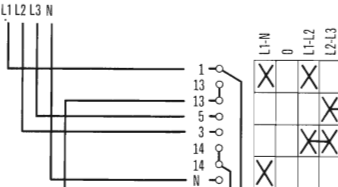
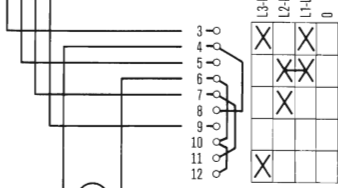
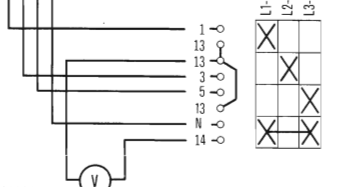
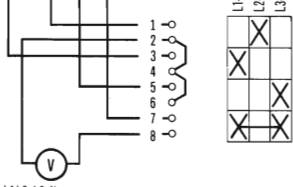
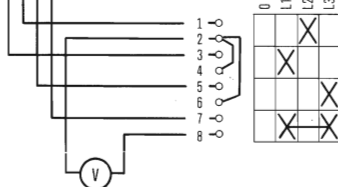
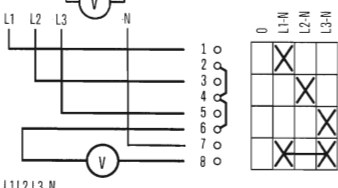
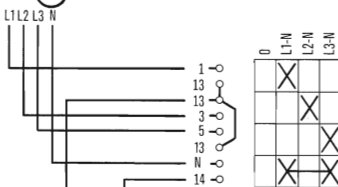
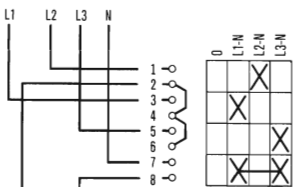
T0-2-15922
T3-2-15922



T0-2-15918
T3-2-15918



Pole
Poles
Pôles
3+N



T0-2-15921
T3-2-15921



T0-2-16
T3-2-16



T0-2-15177
T3-2-15177



T0-2-8005
T3-2-8005



T0-2-15923
T3-2-15923



T0-2-15919
T3-2-15919



T0-3-8010
T3-3-8010

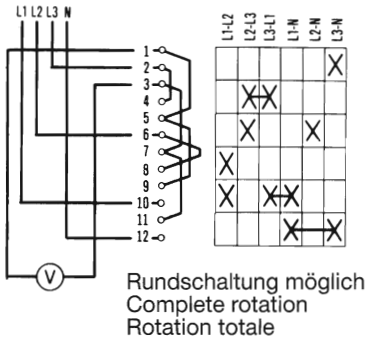


T0-3-15
T3-3-15



T0-3-17
T3-3-17

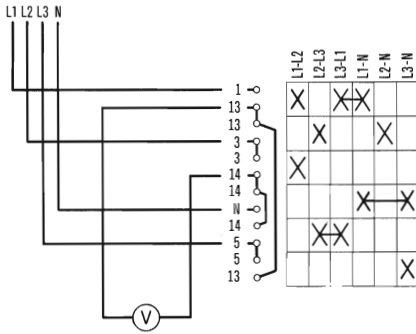




T0-3-15924
T3-3-15924



FS 164721

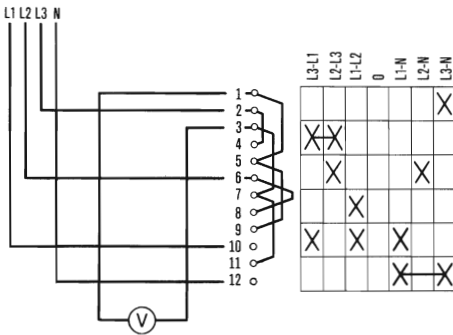


T0-3-15916
T3-3-15916



FS 164721

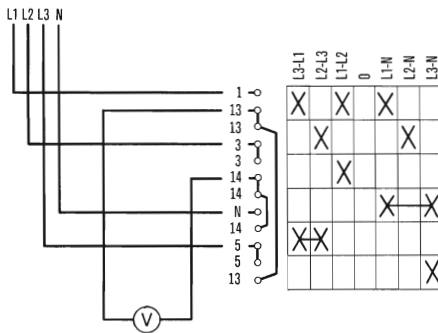
Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens



T0-3-8007
T3-3-8007



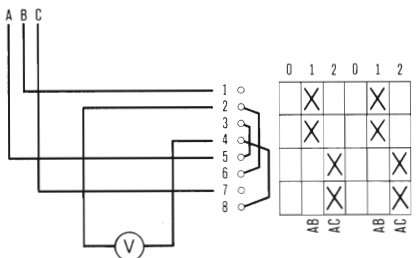
FS 1410759



T0-3-19
T3-3-19



FS 1410759

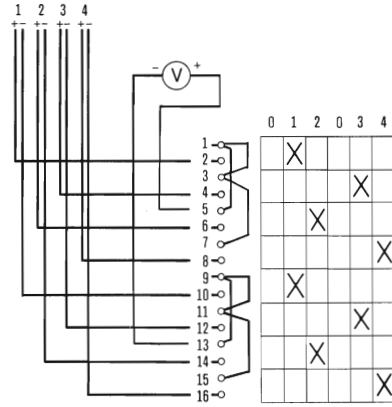


T0-2-8003
T3-2-8003



FS 640

Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

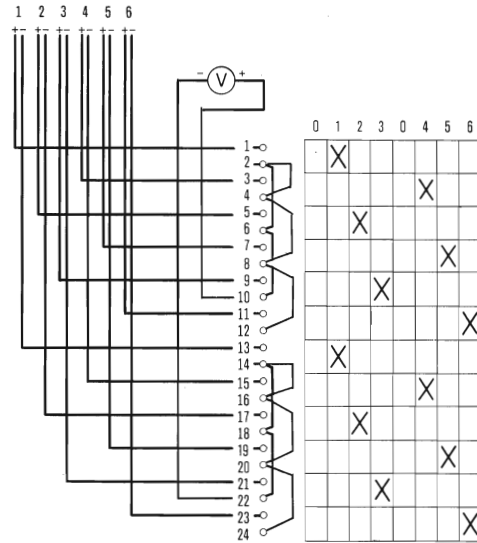


T0-4-8006
T3-4-8006



FS 653

Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

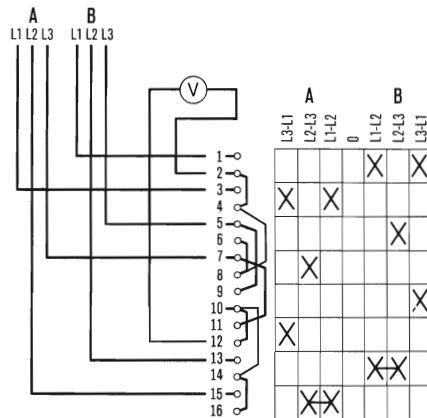


T0-6-8009
T3-6-8009

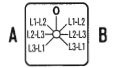


FS 4701

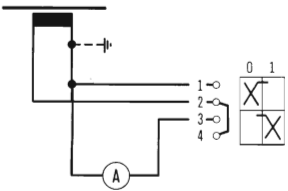
Rundschtaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens



T0-4-8008
T3-4-8008



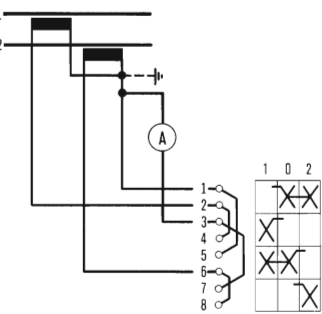
FS 1410763



T0-1-8046
T3-1-8046



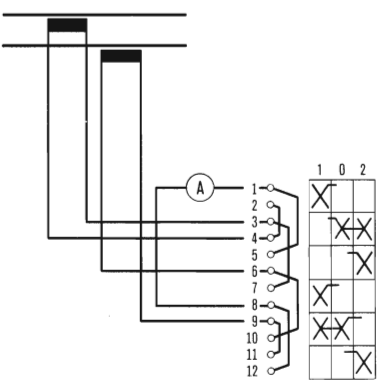
FS 907



T0-2-8047
T3-2-8047



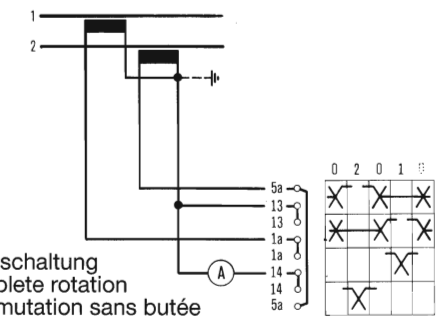
FS 953



T0-3-8037
T3-3-8037



FS 953

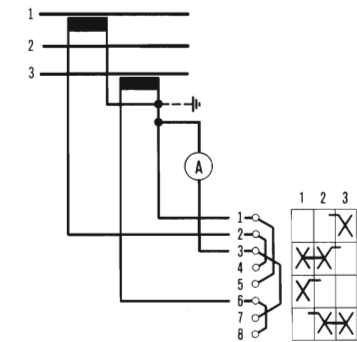


T0-2-15170
T3-2-15170



FS 9441

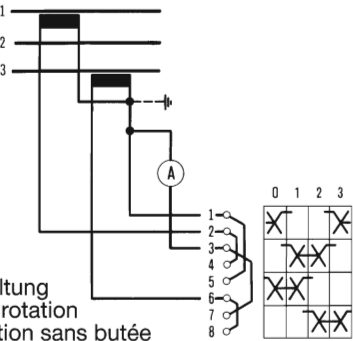
Rundschtaltung
Complete rotation
Commutation sans butée



T0-2-8018
T3-2-8018



FS 904

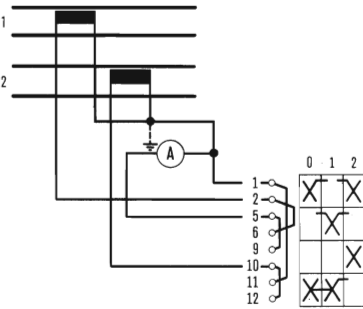


T0-2-8021
T3-2-8021



FS 911

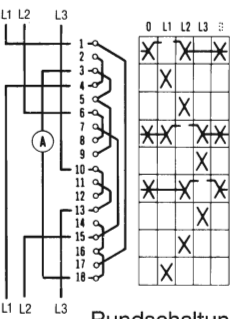
Rundschtaltung
Complete rotation
Commutation sans butée



T0-2-8020
T3-2-8020



FS 910

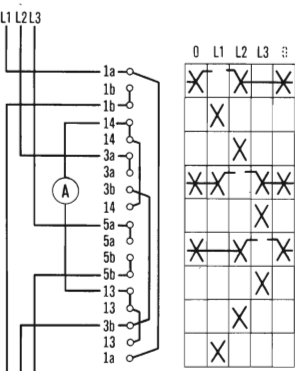


T0-5-15925
T3-5-15925



FS 9440

Rundschtaltung
möglich



T0-5-183
T3-5-183

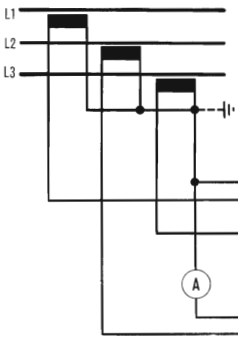


FS 9440

Rundschtaltung
Complete rotation
Commutation sans butée

Pole
Poles
Pôles

3



0	L1	L2	L3	:
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	

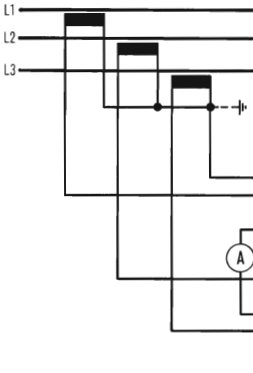
T0-3-8048
T3-3-8048



FS 9440

Rundschtaltung
möglich
Complete rotation
possible
Commutation sans
butée possible

3



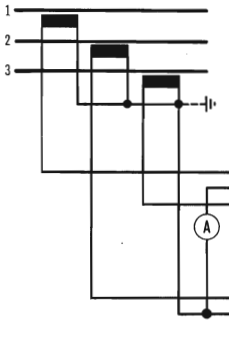
0	L1	L2	L3	:
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	

T0-3-136
T3-3-136



FS 9440

Rundschtaltung
Complete
rotation
Commutation
sans butée

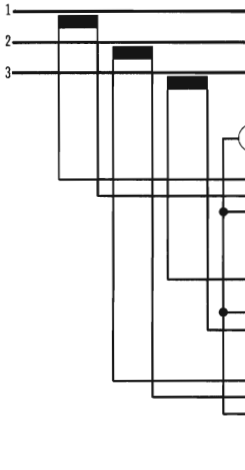


1	2	3
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X

T0-3-8017
T3-3-8017



FS 904



1	2	3
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X

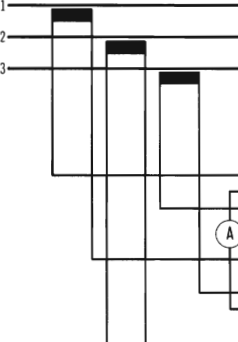
T0-5-8019
T3-5-8019



FS 904

Pole
Poles
Pôles

3



0	1	2	3	0
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	

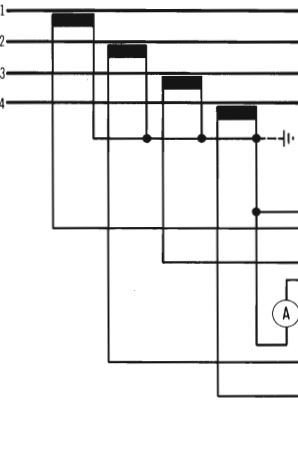
T0-5-8038
T3-5-8038



FS 911

Rundschtaltung
Complete
rotation
Commutation
sans butée

4



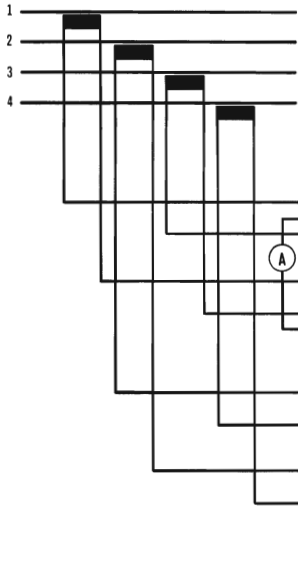
1	2	3	4	1
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	

T0-4-8036
T3-4-8036



FS 905

Rundschtaltung
Complete
rotation
Commutation
sans butée



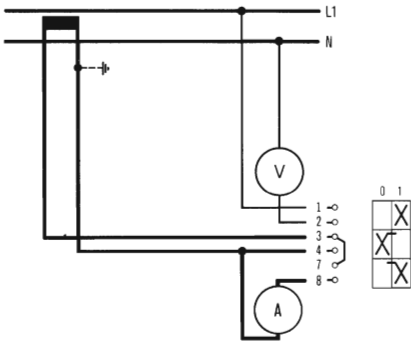
1	2	3	4	1
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	

T0-6-8039
T3-6-8039

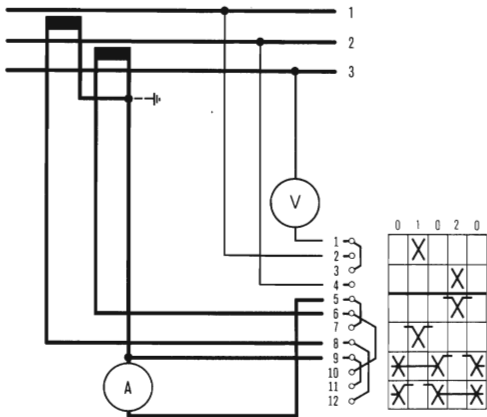


FS 905

Rundschtaltung
Complete
rotation
Commutation
sans butée

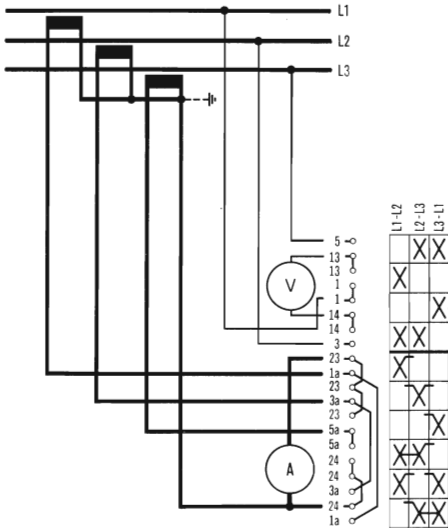


T0-2-8032
T3-2-8032
FS 945



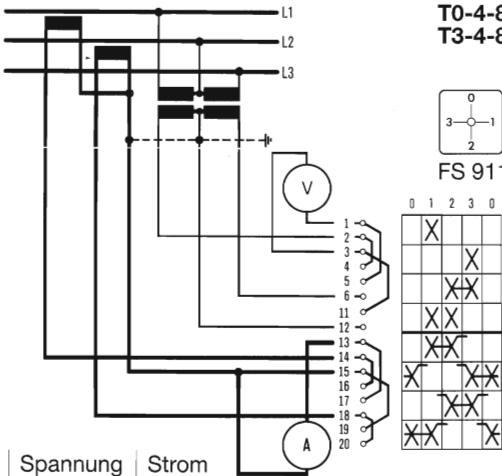
T0-3-8030
T3-3-8030
FS 928

Stellung Position	Spannung Voltage Tension	Strom Current Courant	Rundschtaltung möglich Complete rotation possible Commutation sans butée possible
1	1-3	1	
2	2-3	2	



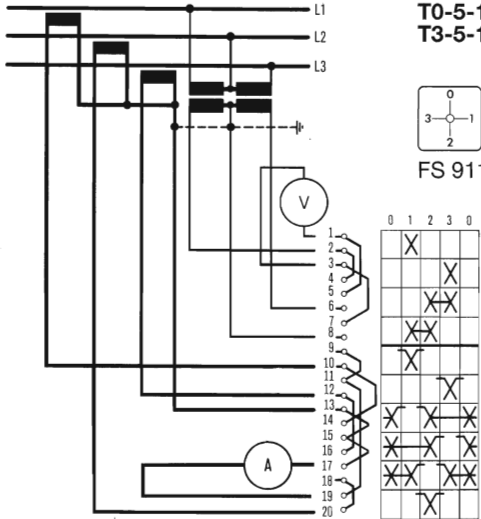
T0-5-15172
T3-5-15172
FS 193085

Stellung Position	Spannung Voltage Tension	Strom Current Courant
L1-L2	L1-L2	L1
L2-L3	L2-L3	L2
L3-L1	L3-L1	L3



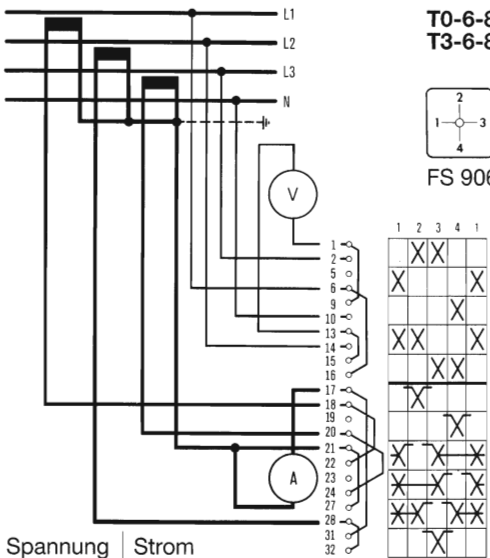
T0-4-8031
T3-4-8031
FS 911

Stellung Position	Spannung Voltage Tension	Strom Current Courant	Rundschtaltung Complete rotation Commutation sans butée
1	L1-L2	L1	
2	L2-L3	L1+L2	
3	L3-L1	L2	



T0-5-15178
T3-5-15178
FS 911

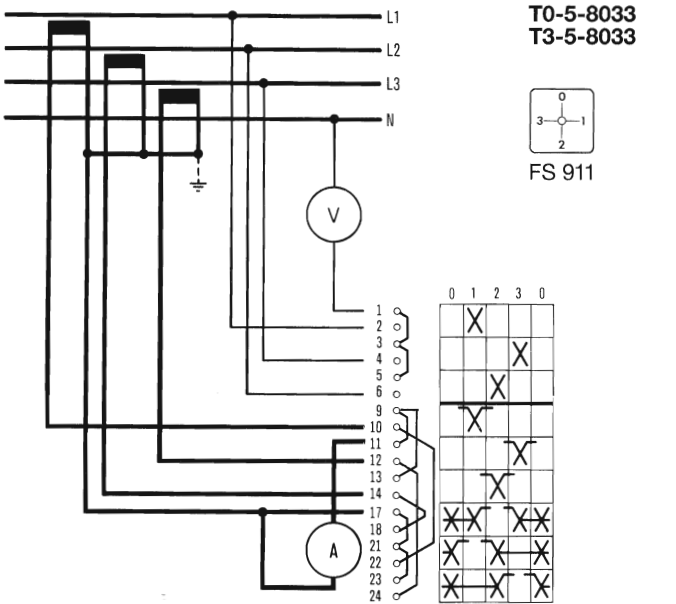
Stellung Position	Spannung Voltage Tension	Strom Current Courant	Rundschtaltung möglich Complete rotation possible Commutation sans butée possible
1	L1-L2	L1	
2	L2-L3	L2	
3	L3-L1	L3	



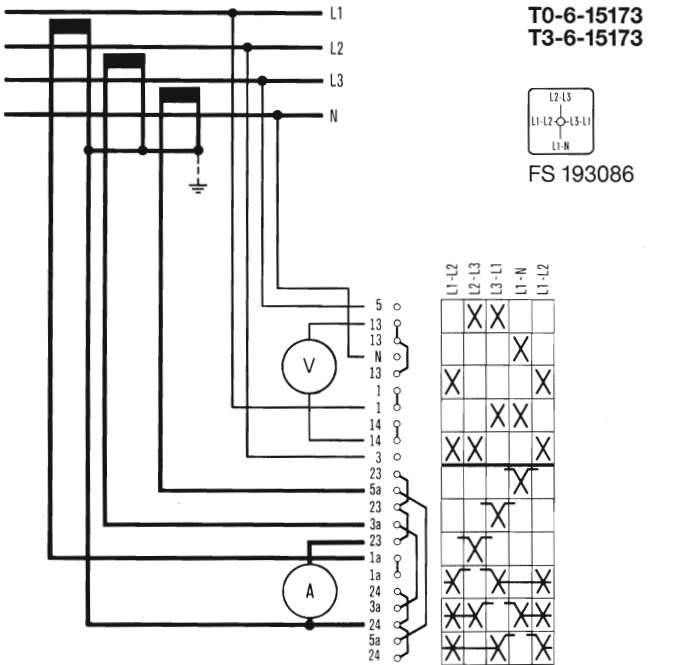
T0-6-8034
T3-6-8034
FS 906

Stellung Position	Spannung Voltage Tension	Strom Current Courant	Rundschtaltung möglich Complete rotation possible Commutation sans butée possible
1	L1-L2	-	
2	L2-L3	L1	
3	L3-L1	L2	
4	L1-N	L3	

Spannungs-Strommesser-Schalter
Voltmeter-ammeter selector switches
Commutateurs d'ampèremètre et de voltmètre

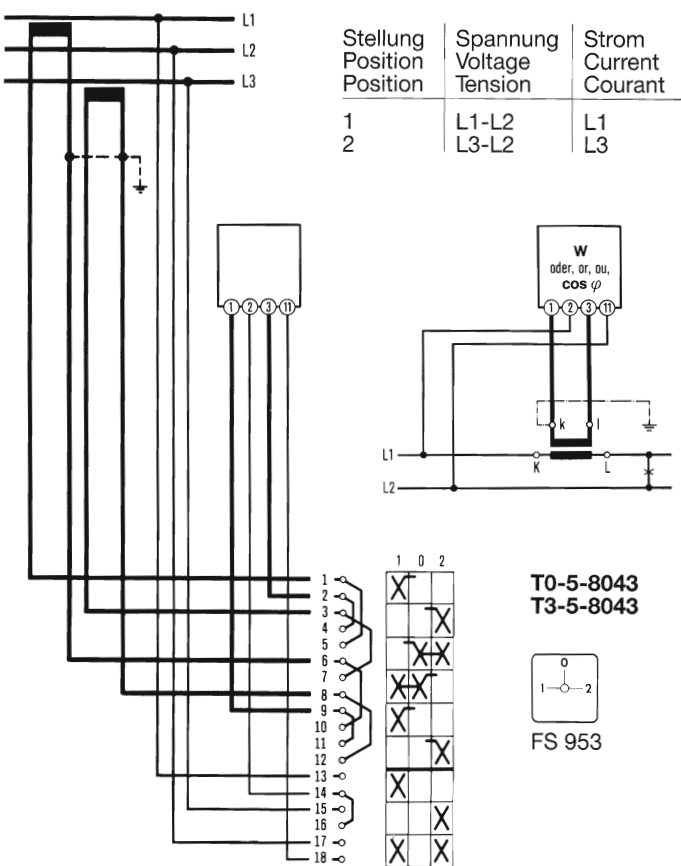


Rundschtaltung möglich
Complete rotation possible
Commutation sans butée possible

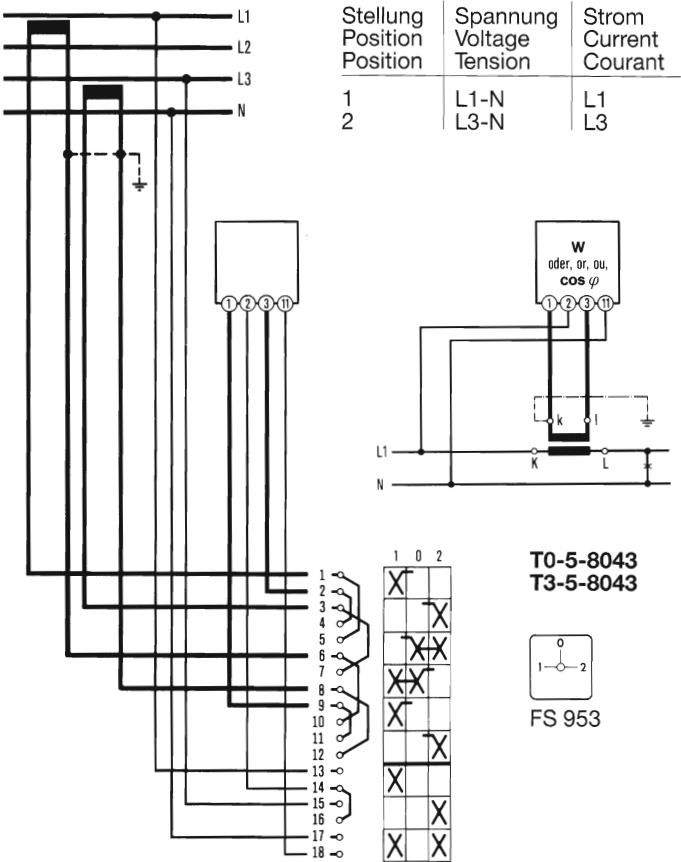


Rundschtaltung möglich
Complete rotation possible
Commutation sans butée possible

Leistungsfaktormesser-Umschalter
Power factor selector switches
Commutateurs de mesure de cos φ

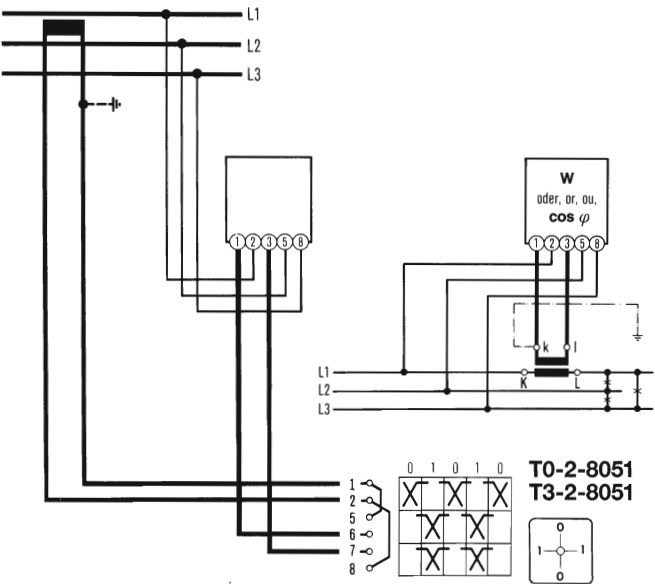


Leistungsmesser-Umschalter
Wattmeter selector switch
Commutateurs de wattmètre

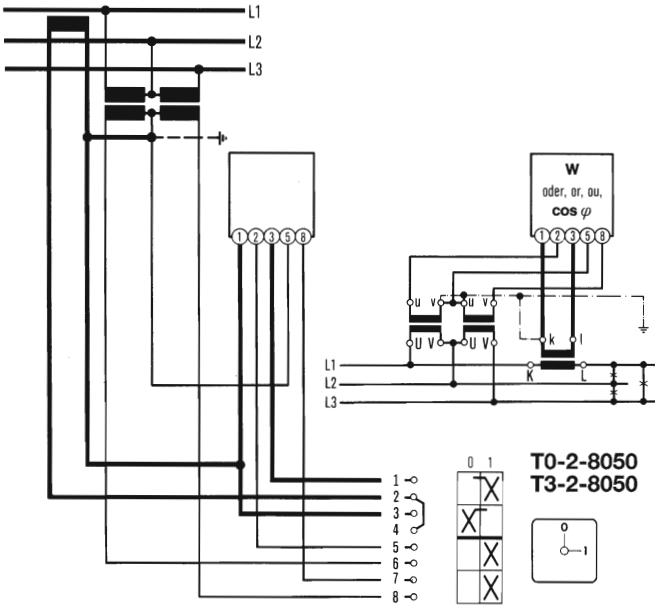


Leistungsmesser-Umschalter

Wattmeter selector switch
Commutateurs e wattmètre

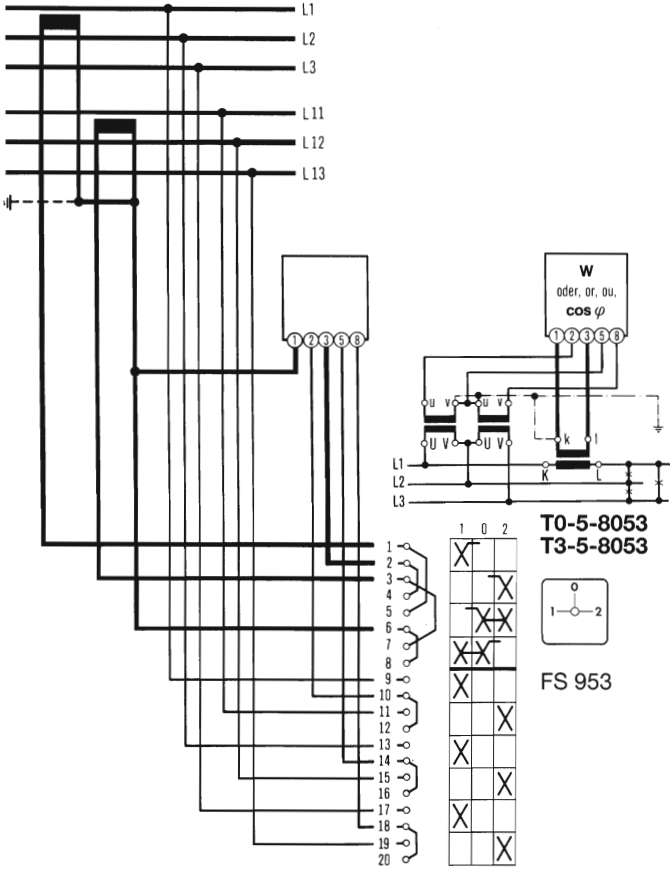


Rundschaltung
Complete rotation
Commutation sans butée

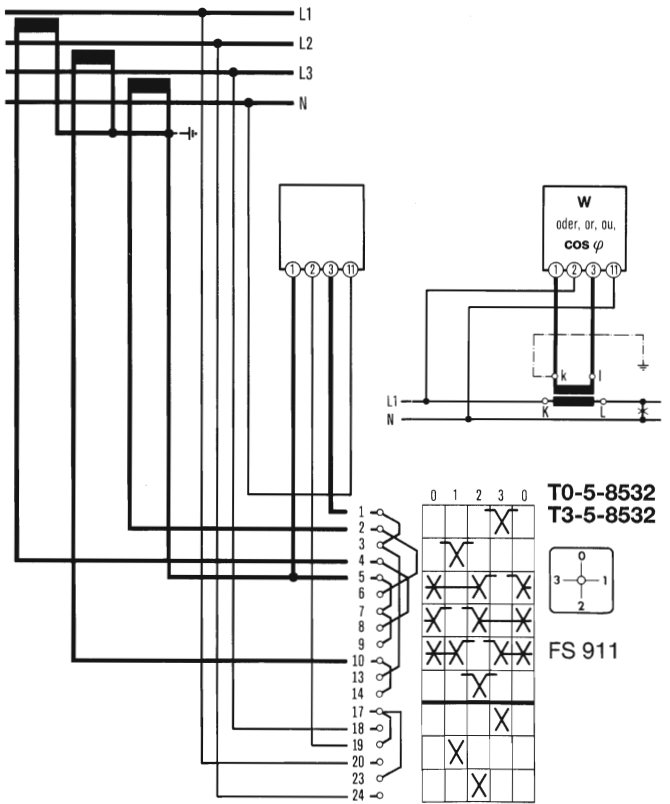


Leistungsfaktormesser-Umschalter

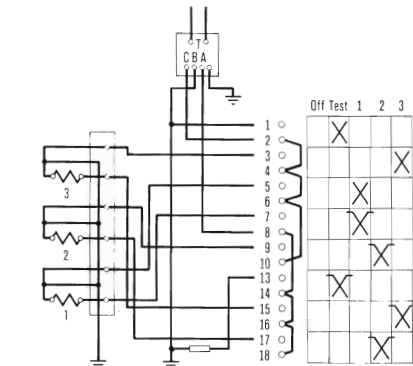
Power factor selector switches
Commutateurs de mesure des cos φ



Stellung Position Position	Spannung Voltage Tension	Strom Current Courant
1	L1...L3	L1
2	L11...L13	L11



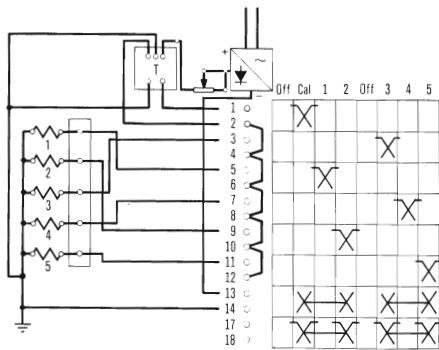
Stellung Position Position	Spannung Voltage Tension	Strom Current Courant
1	L1-N	L1
2	L2-N	L2
3	L3-N	L3



T0-4-8070
T3-4-8070



FS 161795

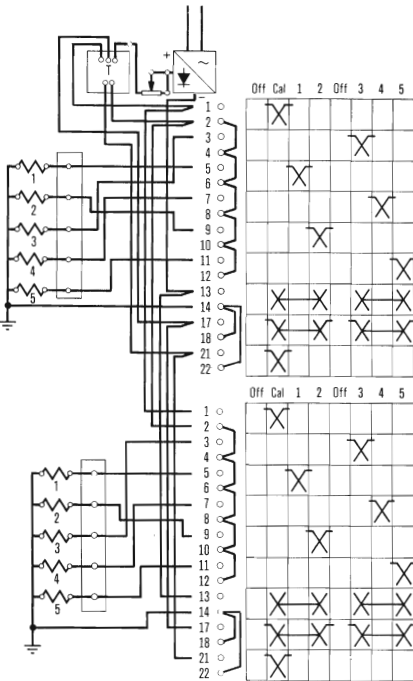


T0-4-8071
T3-4-8071



FS 142602

Rundschaltung
Complete rotation
Commutation sans butée

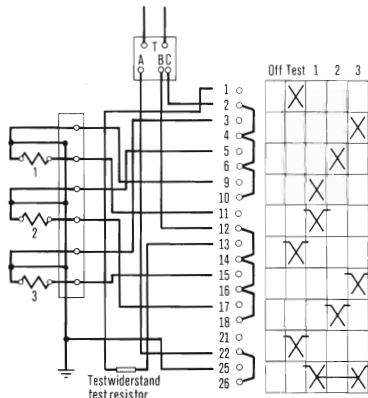


T0-5-8072
T3-5-8072



FS 142602

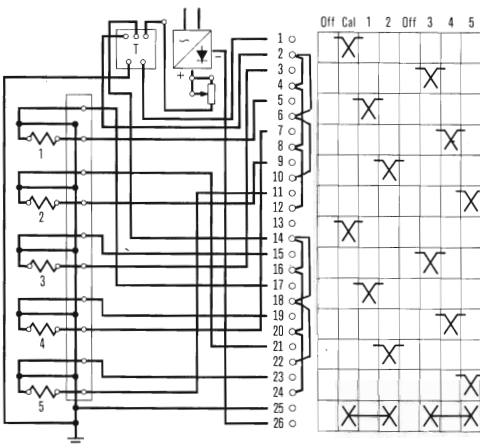
Rundschaltung
Complete rotation
Commutation sans butée



T0-5-8073
T3-5-8073



FS 160896

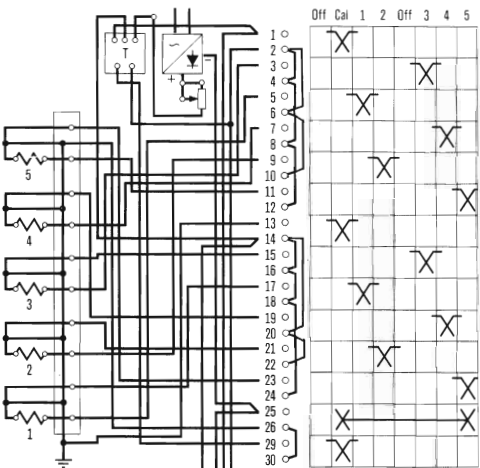


T0-7-8074
T3-7-8074



FS 141672

Rundschaltung
Complete rotation
Commutation sans butée

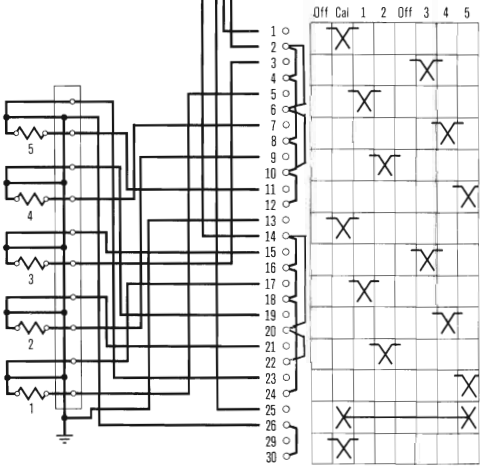


T0-7-8075
T3-7-8075



FS 141672

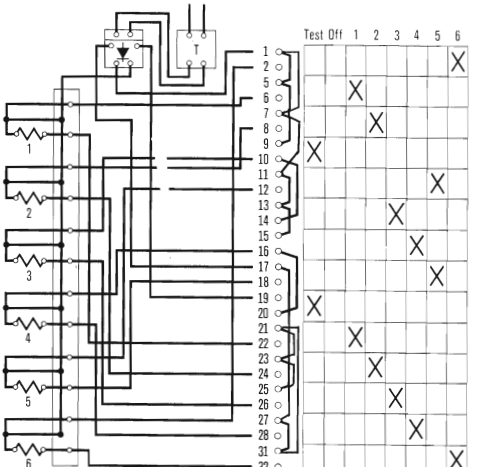
Rundschaltung
Complete rotation
Commutation sans butée



T0-7-8075
T3-7-8075



FS 141672



T0-7-8076
T3-7-8076



FS 142605

Rundschaltung
Complete rotation
Commutation sans butée

EIN-Taster On-Off-switches Commutateurs de fermeture

Pole
Poles
Pôles

1

1 0 1
2 0

FS 455

alter Typ,
old type, ancienne réf.

T0-1-8204
T3-1-8204

T.-.-15301
T.-.-15076

1

1 0 1
2 0

FS 455

T0-1-15072
T3-1-15072

2

1 0 1
2 0
3 0
4 0

FS 455

alter Typ,
old type, ancienne réf.

T0-1-8205
T3-1-8205

T.-.-15302
T.-.-15077

1 0 1
2 0
3 0
4 0

FS 140805

T0-1-8124
T3-1-8124

3

1 0 1
2 0
3 0
4 0
5 0
6 0

FS 455

alter Typ,
old type, ancienne réf.

T0-2-8206
T3-2-8206

T.-.-15303
T.-.-15078

4

1 0 1
2 0
3 0
4 0
5 0
6 0
7 0
8 0

FS 455

alter Typ,
old type, ancienne réf.

T0-2-8207
T3-2-8207

T.-.-15079

1

1 1
2 0

FS 4721

T0-1-15321
T3-1-15321

2

1 1
2 0
3 0
4 0

FS 4721

T0-1-15322
T3-1-15322

3

1 1
2 0
3 0
4 0
5 0
6 0

FS 4721

T0-2-15323
T3-2-15323

Pole
Poles
Pôles

1

STOP START
1 0
2 0

FS 141879

T0-1-15311
T3-1-15311

2

STOP START
1 0
2 0
3 0
4 0

FS 141879

T0-1-15312
T3-1-15312

3

STOP START
1 0
2 0
3 0
4 0
5 0
6 0

FS 141879

T0-2-15313
T3-2-15313

1

START
1 0
2 0

FS 14915

T0-1-8175
T3-1-8175

2

0 WARREN
1 0
2 0
3 0
4 0

FS 141622

T0-1-15090
T3-1-15090

Umschalter mit Rückzug nach „1“
Selector switches with spring return “1”
Commutateurs avec retour automatique en position «1»

1

1 2
2 0
3 0
4 0

FS 496

T0-1-8295
T3-1-8295

2

1 2
1 0
2 0
3 0
4 0
5 0
6 0
7 0
8 0

FS 496

T0-2-8296
T3-2-8296

3

1 2
1 0
2 0
3 0
4 0
5 0
6 0
7 0
8 0
9 0
10 0
11 0
12 0

FS 496

T0-3-8297
T3-3-8297

4

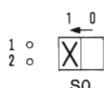
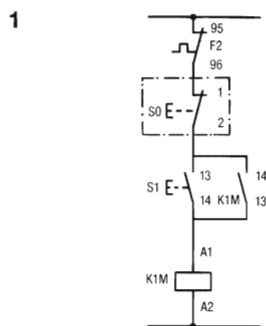
1 2
1 0
2 0
3 0
4 0
5 0
6 0
7 0
8 0
9 0
10 0
11 0
12 0
13 0
14 0
15 0
16 0

FS 496

T0-4-8536
T3-4-8536

EIN-Taster On-Off-switches Commutateurs de fermeture

Pole
Poles
Pôles



**T0-1-15331
T3-1-15331**



FS 4722



**T0-1-15332
T3-1-15332**



FS 4722



**T0-1-8125
T3-1-8125**



FS 455



**T0-2-15333
T3-2-15333**



FS 4722



**T0-1-15351
T3-1-15351**



FS 4723



**T0-1-15352
T3-1-15352**



FS 4723



**T0-2-15353
T3-2-15353**



FS 4723

Pole
Poles
Pôles



**T0-1-15341
T3-1-15341**



FS 142005



**T0-1-15342
T3-1-15342**



FS 142005



**T0-2-15343
T3-2-15343**



FS 142005



**T0-1-8174
T3-1-8174**



FS 14913



**T0-1-8173
T3-1-8173**



FS 140130



**T0-1-8172
T3-1-8172**



FS 140130

Steuerschalter

Tastenschalter mit automatischem Rückzug

Control switches
Pulse contact with spring return

Commutateurs de commande
à retour automatique

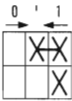
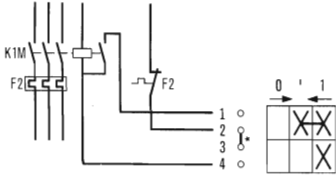
EIN-AUS-Taster On-Off-switches

Commutateurs de commande

Pole
Poles
Pôles

Steuerung von 1 Schütz
Controlling one contactor
Commande d'un contacteur

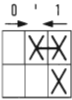
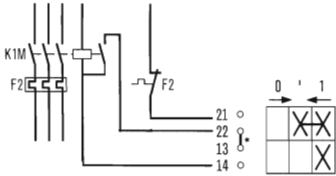
1



T0-1-8
T3-1-8



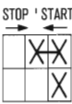
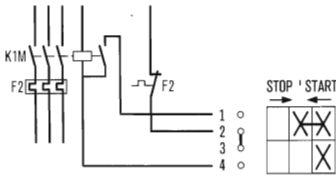
FS 456



T0-1-15365
T3-1-15365



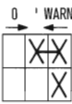
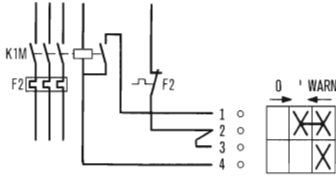
FS 456



T0-1-15362
T3-1-15362



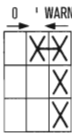
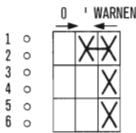
FS 14510



T0-1-15089
T3-1-15089



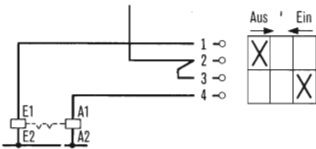
FS 141617



T0-2-15088
T3-2-15088



FS 141617

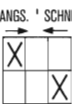
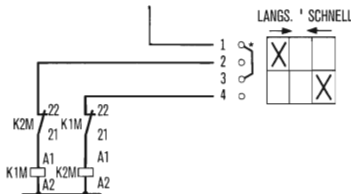


T0-1-15061
T3-1-15061



FS 1423

1



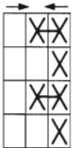
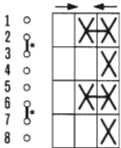
T0-1-15060
T3-1-15060



FS 141400

Steuerung von 2 Schützen
Controlling two contactors
Commande de deux contacteurs

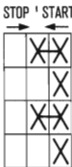
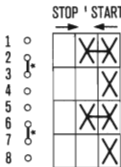
2



T0-2-15361
T3-2-15361



FS 456



T0-2-15363
T3-2-15363



FS 14510

Wende-Taster

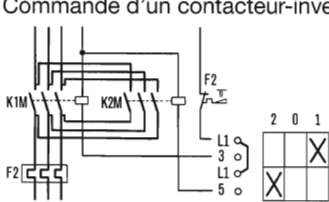
Reversing switches

Commutateurs avec inversion de marche

Pole
Poles
Pôles

Steuerung von 1 Wendeschütz
Controlling one pair of reversing contactors
Commande d'un contacteur-inverseur

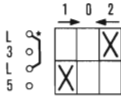
1



T0-1-9
T3-1-9



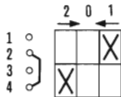
FS 458



T0-1-15074
T3-1-15074



FS 4011

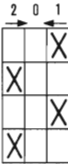
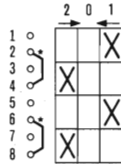


T0-1-15371
T3-1-15371



FS 458

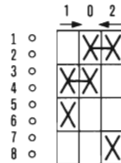
2



T0-2-15372
T3-2-15372



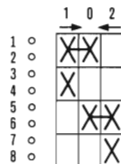
FS 458



T0-2-8179
T3-2-8179



FS 4011

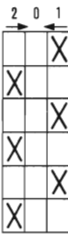
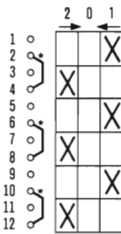


T0-2-8120
T3-2-8120



FS 4011

3

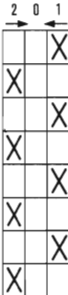
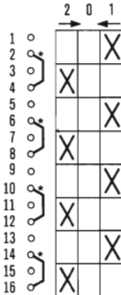


T0-3-15373
T3-3-15373



FS 458

4



T0-4-15374
T3-4-15374

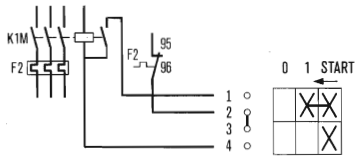


FS 458

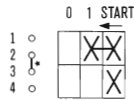
* Verbindung lösbar, Link removable, Shunt amovable

Tast-Schalter Impulse switches **Commutateurs à retour**

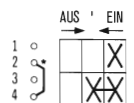
Steuerung von 1 Schütz
Controlling one contactor
Commande d'un contacteur



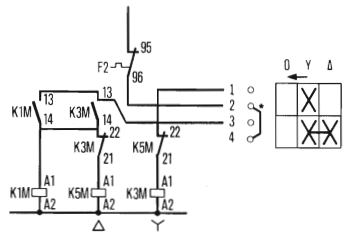
T0-1-98
T3-1-98
FS 141878



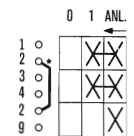
T0-1-8178
T3-1-8178
FS 147767



T0-1-8158
T3-1-8158
FS 1423

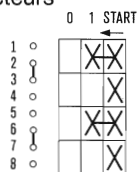


T0-1-8180
T3-1-8180
FS 6034

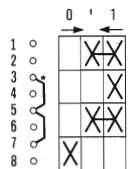


T0-2-15062
T3-2-15062
FS 141401

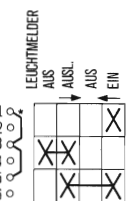
Steuerung von 2 Schützen
Controlling two contactors
Commande de deux contacteurs



T0-2-15364
T3-2-15364
FS 147767

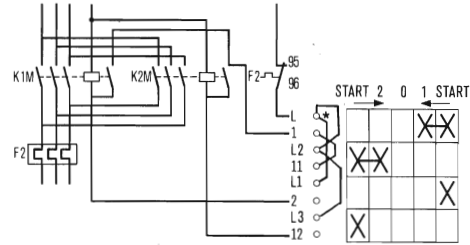


T0-2-8513
T3-2-8513
FS 456

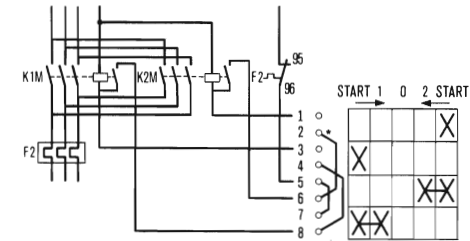


T0-2-8512
T3-2-8512
FS 161800

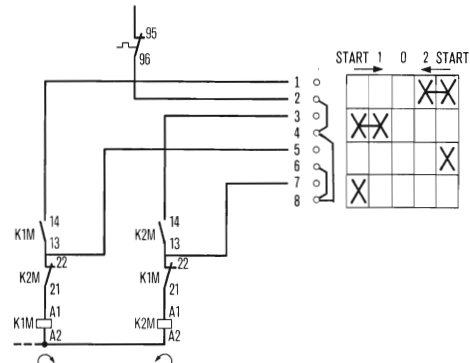
Steuerung von 2 Schützen
Controlling two contactors
Commande de deux contacteurs



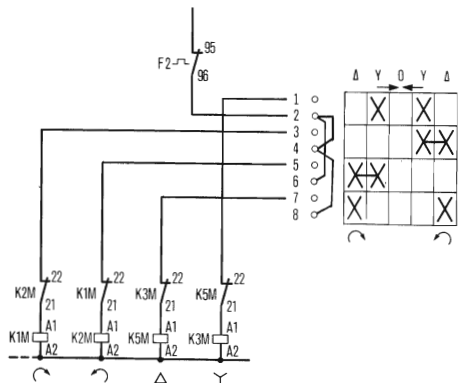
T0-2-99
T3-2-99
FS 1409



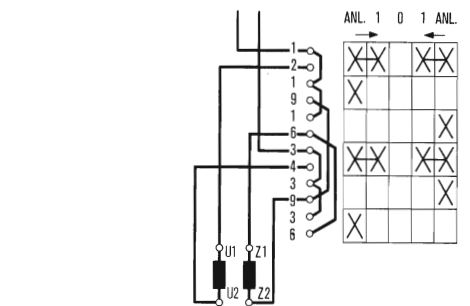
T0-2-8177
T3-2-8177
FS 140660



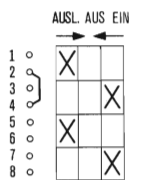
T0-2-8182
T3-2-8182
FS 140660



T0-2-8181
T3-2-8181
FS 6057

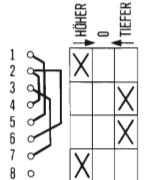


T0-3-15064
T3-3-15064
FS 141411



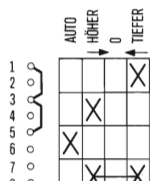
**T0-2-8515
T3-2-8515**

FS 141142



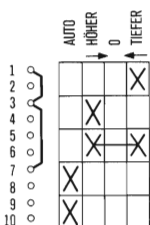
**T0-2-8521
T3-2-8521**

FS 140887



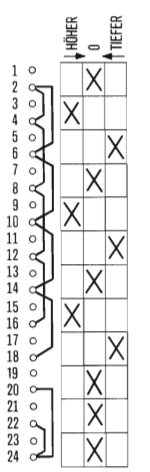
**T0-2-8153
T3-2-8153**

FS 141750



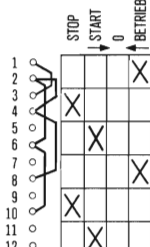
**T0-3-8154
T3-3-8154**

FS 141750



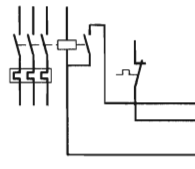
**T0-6-8155
T3-6-8155**

FS 140887



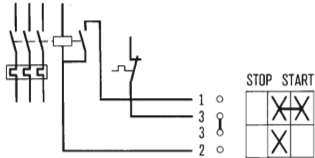
**T0-3-8156
T3-3-8156**

FS 142606



**T0-1-79
T3-1-79**

FS 907



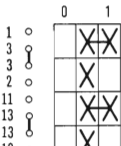
**T0-1-15462
T3-1-15462**

FS 190848



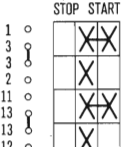
**T0-1-15904
T3-1-15904**

FS 4739



**T0-2-15461
T3-2-15461**

FS 907

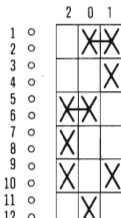


**T0-2-15463
T3-2-15463**

FS 190848

Universal-Steuerschalter
Universal control switch
Commutateur de commande universel

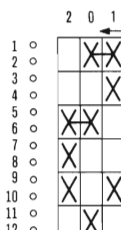
Stellschalter
Stay-put switch
Commutateur à positions stables



**T0-3-15391
T3-3-15391**

FS 429

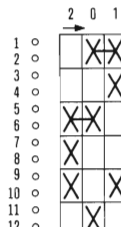
Tastschalter mit automatischem Rückzug von 1 nach 0
Pulse-contact switch with auto-return from 1 to 0
Commutateur à retour automatique de 1 à 0



**T0-3-15392
T3-3-15392**

FS 4026

Tastschalter mit automatischem Rückzug von 2 nach 0
Pulse-contact switch with auto-return from 2 to 0
Commutateur à retour automatique de 2 à 0



**T0-3-15393
T3-3-15393**

FS 4117

Tastschalter mit automatischem Rückzug von 1 und 2 nach 0
Pulse-contact switch with auto-return from 1 and 2 to 0
Commutateur à retour automatique de 1 et 2 à 0

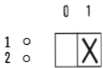


**T0-3-15394
T3-3-15394**

FS 458

Pole
Poles
Pôles

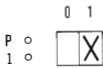
1



T0-1-15401
T3-1-15401



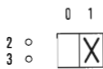
FS 415



T0-1-15500
T3-1-15500



FS 611

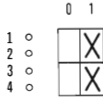


T0-1-15071
T3-1-15071



FS 415

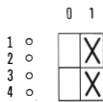
2



T0-1-15402
T3-1-15402



FS 415

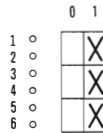


T0-1-8201
T3-1-8201



FS 611

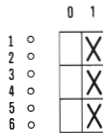
3



T0-2-15403
T3-2-15403



FS 415



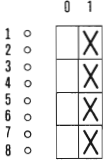
T0-2-8202
T3-2-8202



FS 611

Pole
Poles
Pôles

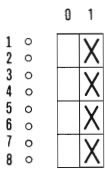
4



T0-2-15404
T3-2-15404



FS 415

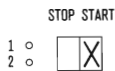


T0-2-8203
T3-2-8203



FS 611

1

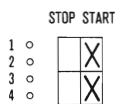


T0-1-15411
T3-1-15411



FS 142003

2

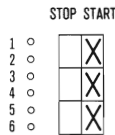


T0-1-15412
T3-1-15412



FS 142003

3

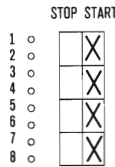


T0-2-15413
T3-2-15413



FS 142003

4

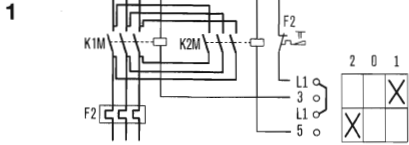


T0-2-15414
T3-2-15414



FS 142003

Pole
Poles
Pôles



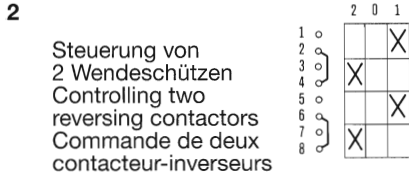
Steuerung von 1 Wendeschütz
Controlling one reversing contactor
Commande d'un contacteur-inverseur

T0-1-78
T3-1-78



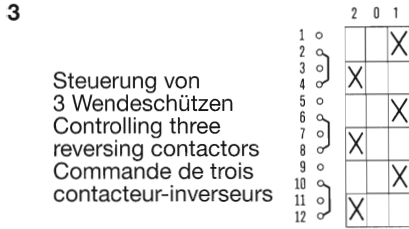
Steuerung von 1 Wendeschütz
Controlling one reversing contactor
Commande d'un contacteur-inverseur

T0-1-15421
T3-1-15421



Steuerung von
2 Wendeschützen
Controlling two
reversing contactors
Commande de deux
contacteur-inverseurs

T0-2-15422
T3-2-15422



Steuerung von
3 Wendeschützen
Controlling three
reversing contactors
Commande de trois
contacteur-inverseurs

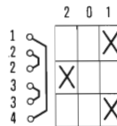
T0-3-15423
T3-3-15423



T0-1-15501
T3-1-15501



T0-1-15180
T3-1-15180



T0-2-15085
T3-2-15085

Pole
Poles
Pôles



T0-2-15642
T3-2-15642



T0-1-15058
T3-1-15058



T0-2-8711
T3-2-8711



T0-1-15431
T3-1-15431



T0-1-15434
T3-1-15434



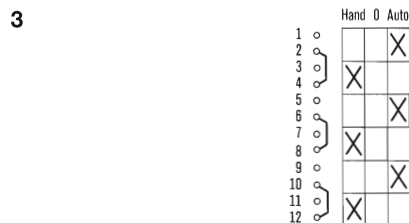
T0-2-15435
T3-2-15435



T0-2-15432
T3-2-15432



T0-2-8527
T3-2-8527



T0-3-15433
T3-3-15433

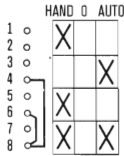
Umschalter
(mit 0-Stellung)

Change over switches
(with "OFF" position)

Commutateurs
(avec position zéro)

Pole
Poles
Pôles

2

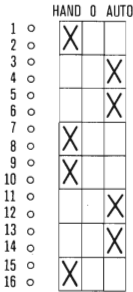


T0-2-8170
T3-2-8170



FS 190301

4

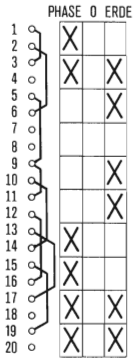


T0-4-8171
T3-2-8171



FS 190301

6

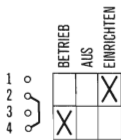


T0-5-8531
T3-5-8531



FS 141152

1

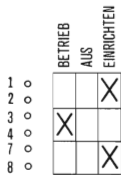


T0-1-8516
T3-1-8516



FS 19801

2



T0-2-8517
T3-2-8517



FS 19801

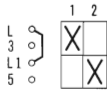
Umschalter
(ohne 0-Stellung)

Change over switches
(with "OFF" position)

Commutateurs
(avec position zéro)

Pole
Poles
Pôles

1

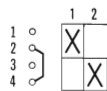


T0-1-97
T3-1-97



FS 943

1

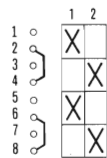


T0-1-15441
T3-1-15441



FS 902

2

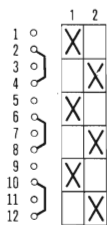


T0-2-15442
T3-2-15442



FS 902

3

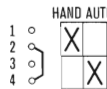


T0-3-15443
T3-3-15443



FS 902

1

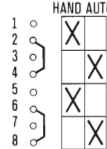


T0-1-15451
T3-1-15451



FS 19334

2

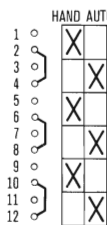


T0-2-15452
T3-2-15452



FS 19334

3

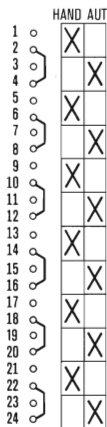


T0-3-15453
T3-3-15453



FS 19334

6



T0-6-8529
T3-6-8529



FS 19334

Pole
Poles
Pôles



T0-1-15059
T3-1-15059



FS 141399



T0-2-8537
T3-2-8537



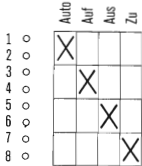
FS 160544



T0-1-15502
T3-1-15502



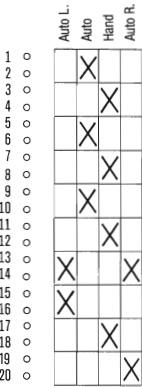
FS 910



T0-2-15503
T3-2-15503



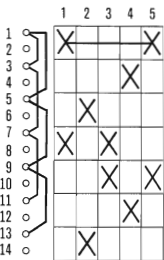
FS 161304



T0-5-8535
T3-5-8535



FS 141477



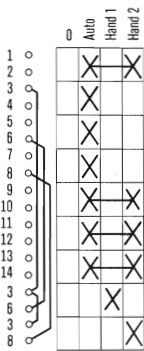
T0-4-15086
T3-4-15086



FS 608

Pole
Poles
Pôles

-

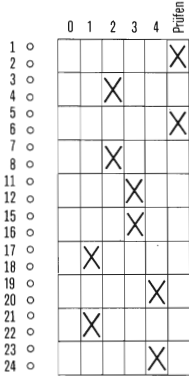


T0-5-15902
T3-5-15902



FS 142117

2

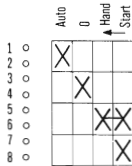


T0-5-8533
T3-5-8533



FS 160756

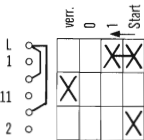
Rundschaltung
Complete rotation
Commutation sans butée



T0-2-15907
T3-2-15907



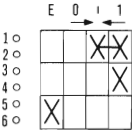
FS 1413890



T0-2-15905
T3-2-15905



FS 143772

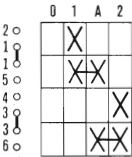


T0-2-15091
T3-2-15091



FS 163098

Schaltplan
Wiring diagram
Schéma des circuits
VWS 281-411



T0-2-15834
T3-2-15834

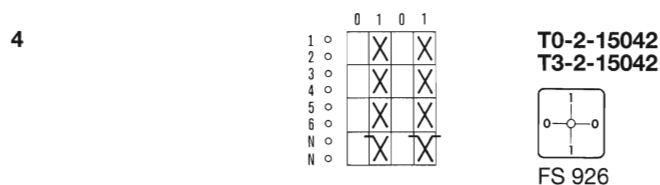
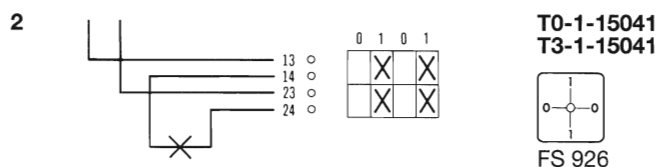
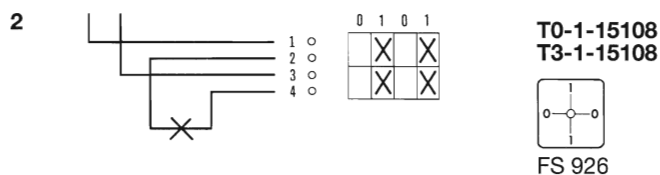


FS 191272

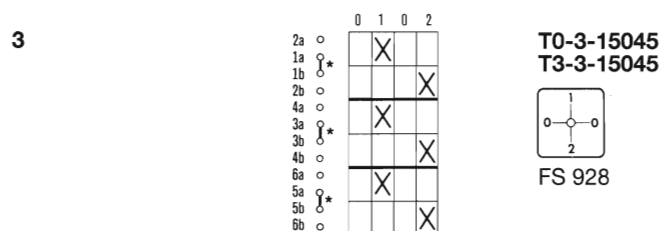
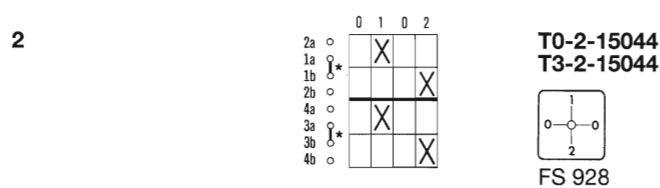
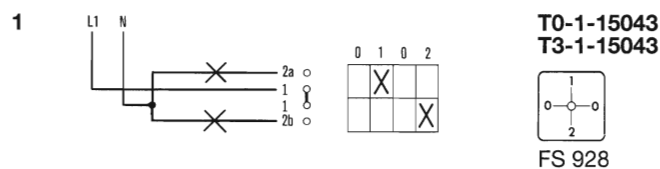
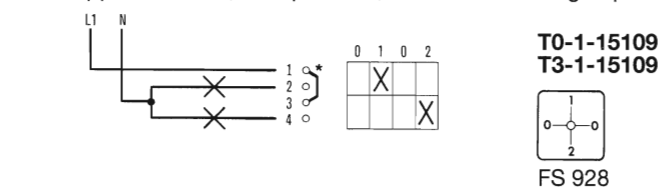
Rundschaltung
Complete rotation
Commutation sans butée

Pole
Poles
Pôles

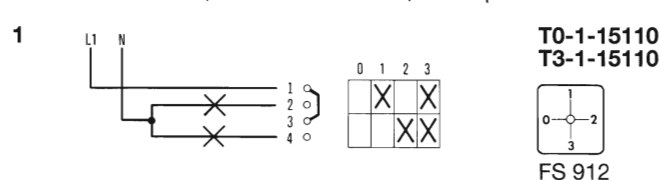
AUS-Schalter, Load break isolating switch, Interrupteur



Gruppen-Schalter, Group switch, Commutateur de groupe

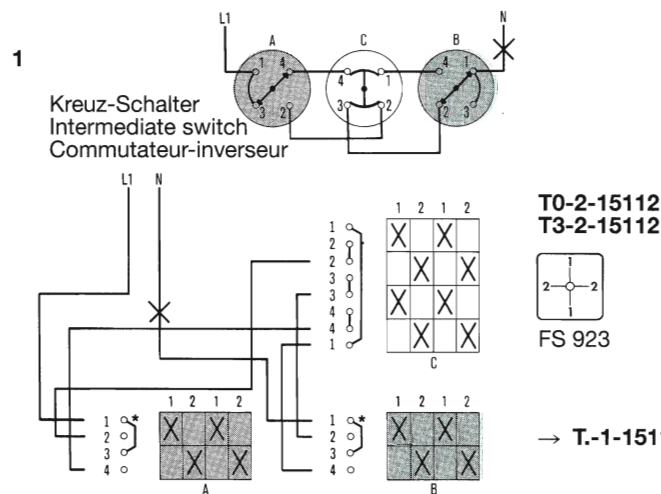
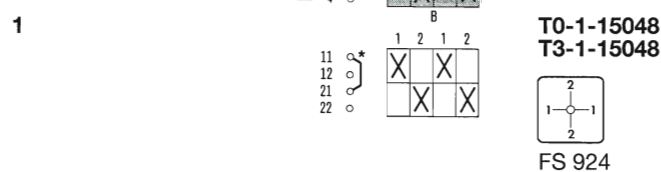
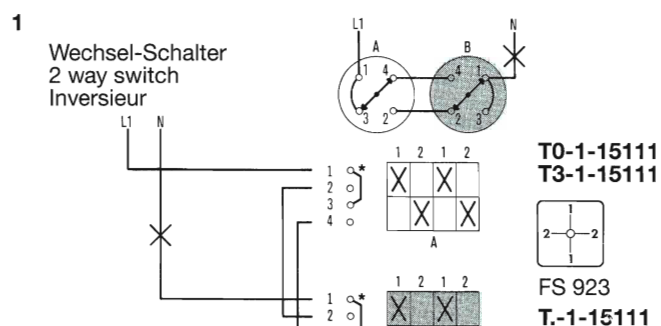
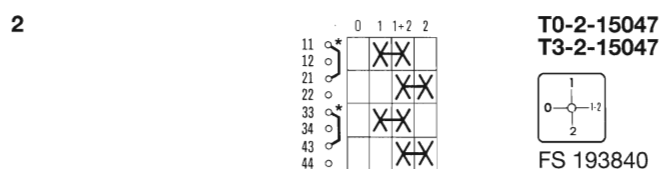
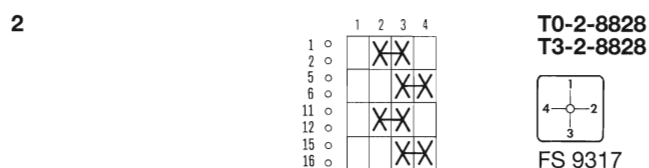
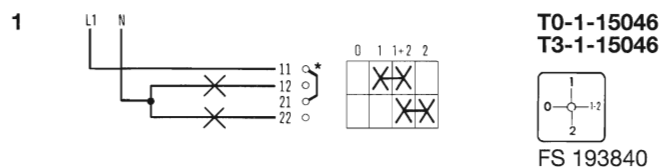
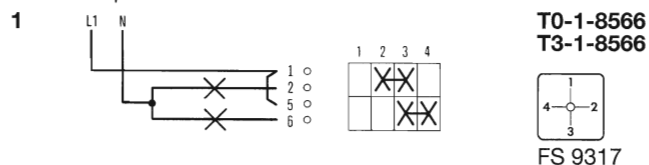


Serien-Schalter, Multi circuit switch, Interrupteur en série



Pole
Poles
Pôles

Serien-Schalter
Multi circuit switch
Interrupteur en série

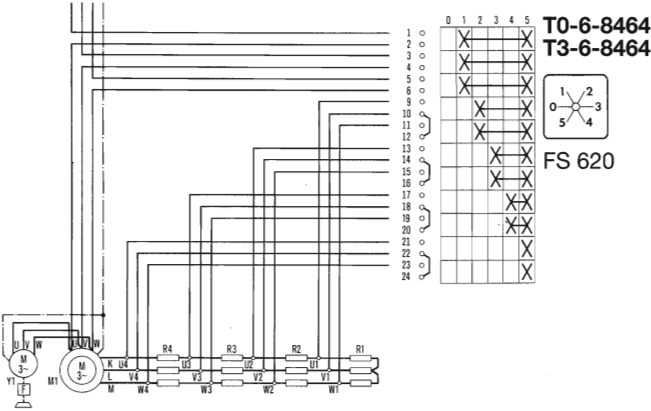


* Verbindung lösbar, Link removable, Shunt amovible

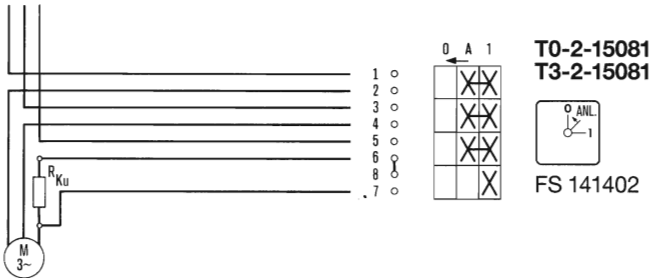
(BCD Code)
(Code DCB)



Kontroller Controller Contrôleur



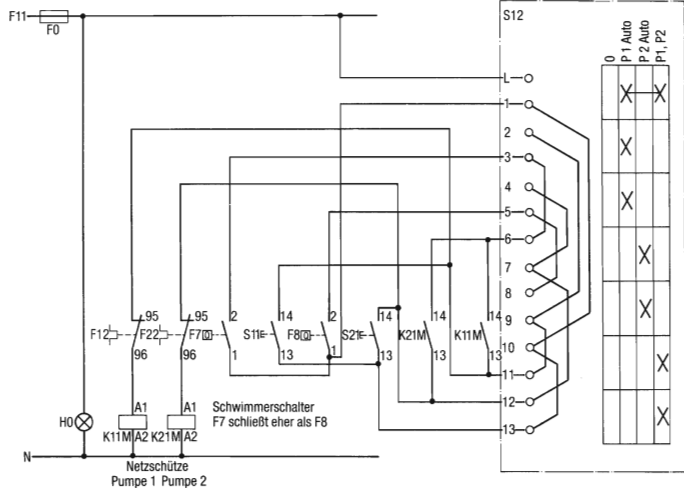
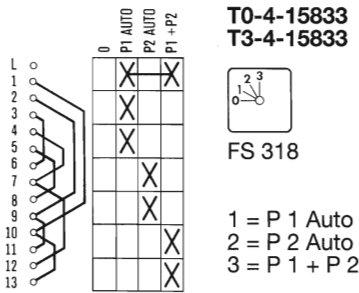
Kusa-Schaltung
"Kusa" control
Schéma «Kusa»



Zwei-Pumpen-Steuerung (Duplex-Pump-Controller)
Two pump control system
Equipement à 2 pompes

Schaltplan
Wiring diagram
Schéma des circuits

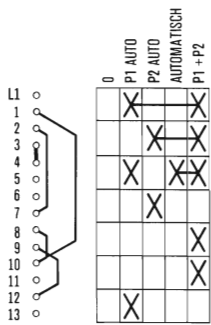
VWS 732-401



Zwei-Pumpen-Steuerung mit zyklischer Vertauschung
Two pump control with cyclic interchange
Equipement à 2 pompes avec permutation périodique

Schaltplan
Wiring diagram
Schéma des circuits

VWS 732-411



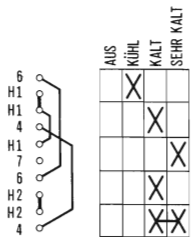
T0-4-15915
T3-4-15915

FS 620

FS 317

FS 1323
1 = P 1 Auto
2 = P 2 Auto
3 = automa-
tisch
4 = P 1 + P 2

Schalter für
Nachtstrom-
Speicherheizung
Switch for storage
heaters
(off-peak power)
Chauffage à
accumulation
(courant de nuit)

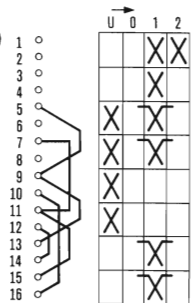


T0-3-15600
T3-3-15600

FS 141956

Umpolschalter für elektromagnetische Spanngeräte
Polarity reversing for electromagnetic chucks
Commutateurs de pôles pour dispositifs magnétiques de serrage

Schaltplan siehe
Technische Informationen (TI)
Wiring diagram see
Reference Book (RB)
Schéma des circuits:
voir Manuel Technique



T0-4-15055
T3-4-15055

FS 41236

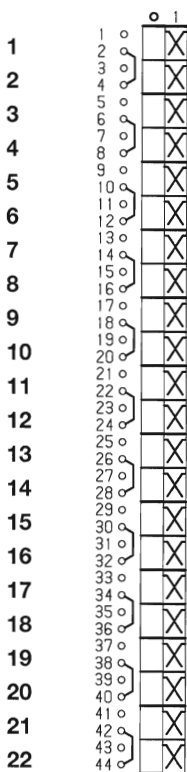
Interrupteurs généraux

Umschalter

Typ
Type
Type



FS 908



Seite/Page 2/4-5

T0-9-8353
T0-9-8354
T0-10-8355
T0-10-8356
T0-11-8357
T0-11-8358

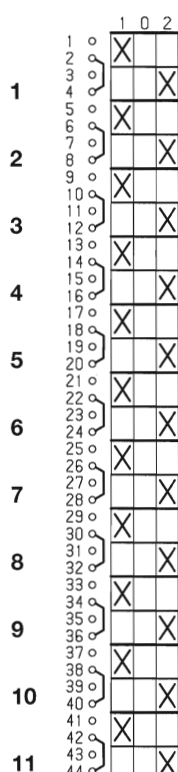
T3-9-8353
T3-9-8354
T3-10-8355
T3-10-8356
T3-11-8357
T3-11-8358

Pole
Poles
Pôles

Typ
Type
Type



FS 684



Seite/Page 2/8

T0-9-8365

T3-9-8365

T0-10-8366

T3-10-8366

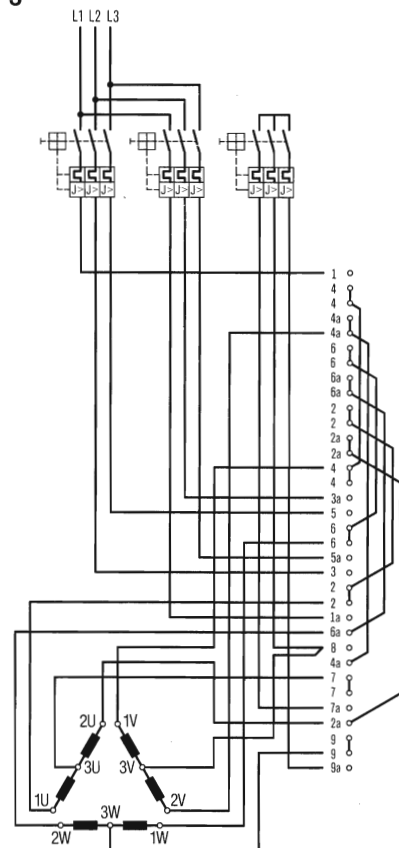
T0-11-8367

T3-11-8367

Three speed switches, one winding
Commutateurs de pôles, 3 vitesses

Polumschalter

3



mit
„0“-Stellung
with
“0” position
avec
position “0”

T0-9-15101
T3-9-15101



FS 616

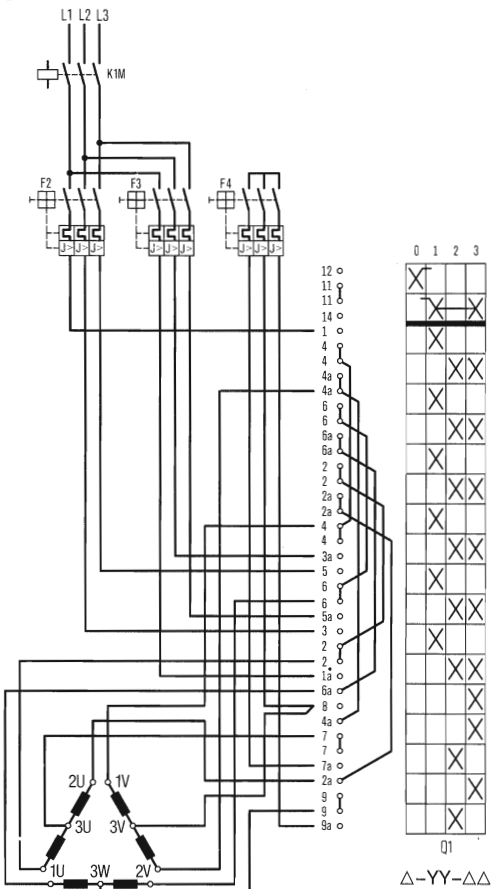
ohne
„0“-Stellung
without
"0" position
sans
position "0"

T0-9-15103
T3-9-15103

 Δ -YY- $\Delta\Delta$

Pole
Poles
Pôles

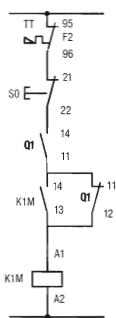
3



T0-10-15104
T3-10-15104



FS 616



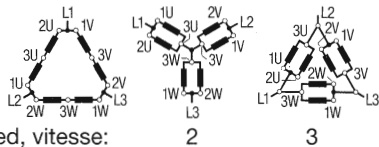
Δ -YY- $\Delta\Delta$

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*

Gegenüberstellung der Anschlußbezeichnungen
Comparative Chart of Terminal Markings
Tableaux de correspondance des repérages de bornes

Nach DIN 42 400 (neu):
according to DIN 42 400 (new):
selon DIN 42 400 (nouveau):

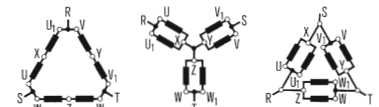
Polumschalter
3 Drehzahlen, 1 Drehrichtung,
1 Wicklung
Three-speed switches
non reversing, one winding
Commutateurs de pôles
3 vitesses, 1 sens de marche,
1 enroulement



Drehzahl, speed, vitesse: 2 3

nach VDE (alt):
according to VDE (old):
selon VDE (ancien):

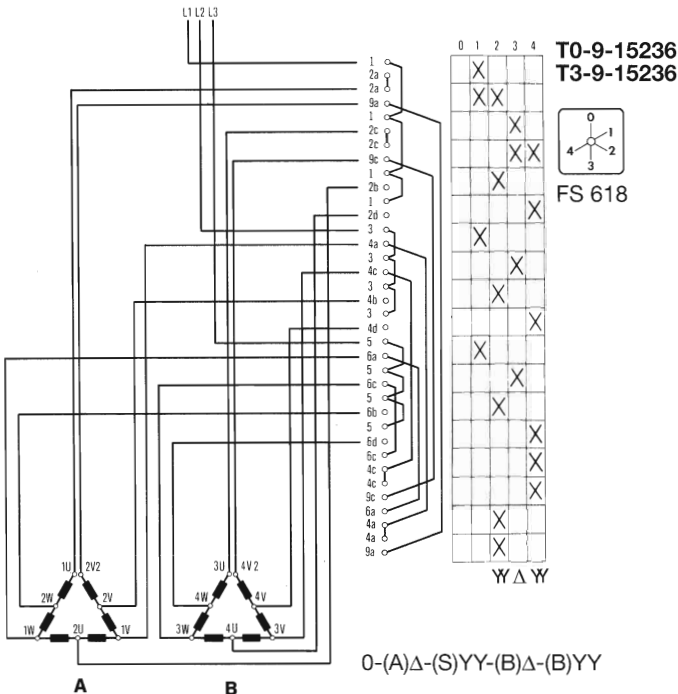
Polumschalter
3 Drehzahlen, 1 Drehrichtung,
1 Wicklung
Three-speed switches
non reversing, one winding
Commutateurs de pôles
3 vitesses, 1 sens de marche,
1 enroulement



Drehzahl, speed, vitesse: 2 3

Pole
Poles
Pôles

Beim Schalten einer Wicklung
wird die andere geöffnet
When one winding is brought
in, the other is cut out
Lors de l'enclenchement d'un
enroulement, l'autre s'ouvre

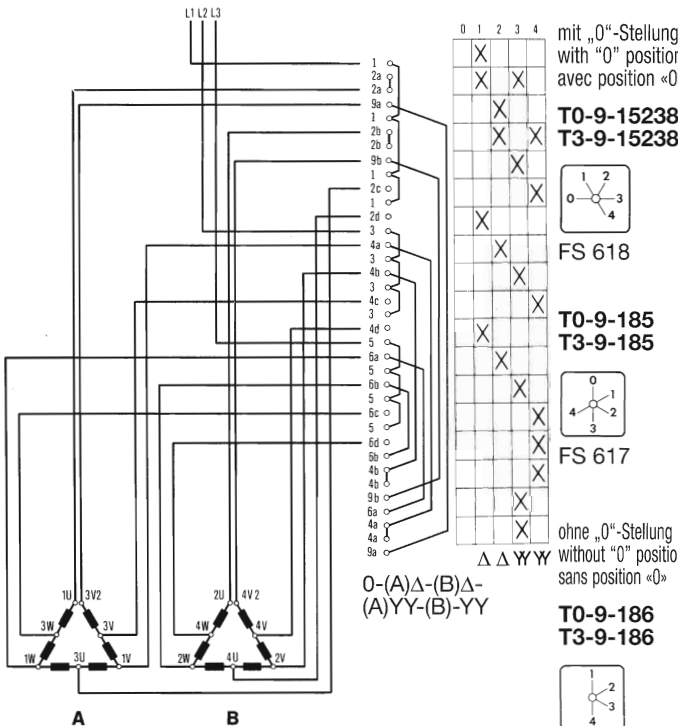


T0-9-15236
T3-9-15236



FS 618

0-(A) Δ -(S)YY-(B) Δ -(B)YY



mit „0“-Stellung
with „0“ position
avec position «0»

T0-9-15238
T3-9-15238



FS 618

T0-9-185
T3-9-185



FS 617

ohne „0“-Stellung
without „0“ position
sans position «0»

0-(A) Δ -(B) Δ -(A)YY-(B)-YY

T0-9-186
T3-9-186



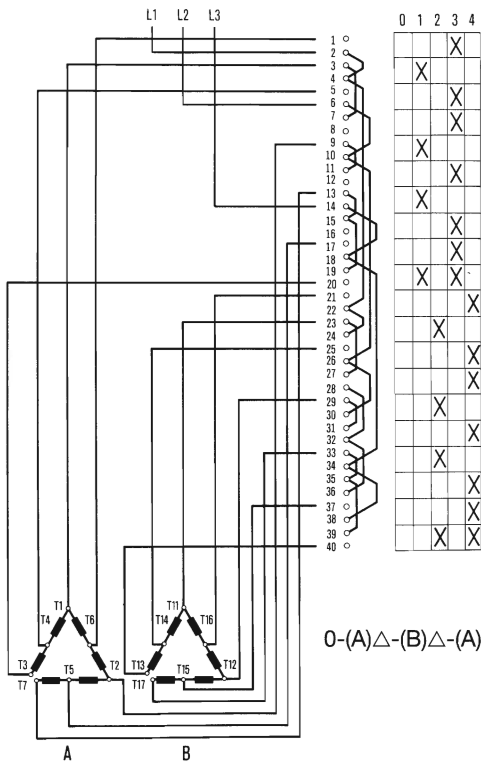
FS 605

Pole
Poles
Pôles

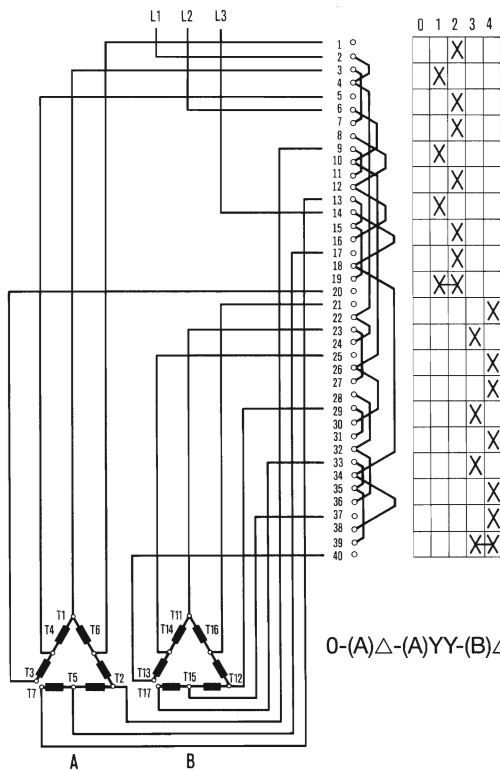
3

Für Antriebe mit konstantem Drehmoment

For drive motors with constant torque
Pour moteurs d'entraînement à couple constant



0-(A)Δ-(B)Δ-(A)YY-(B)YY



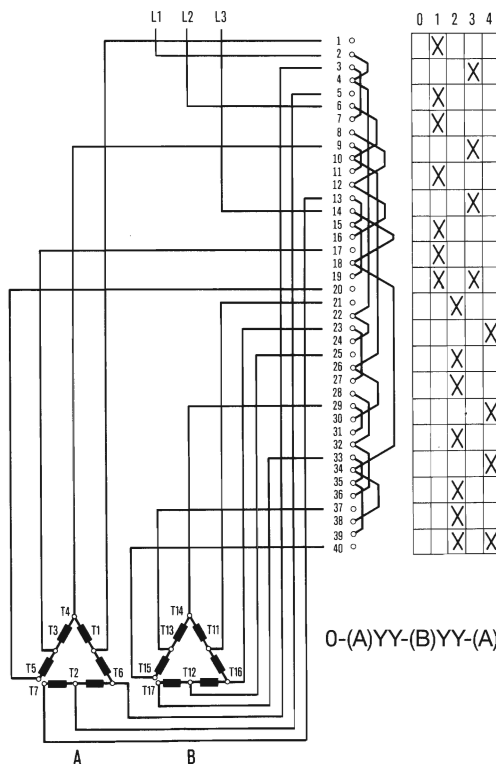
0-(A)Δ-(A)YY-(B)Δ-(B)YY

Pole
Poles
Pôles

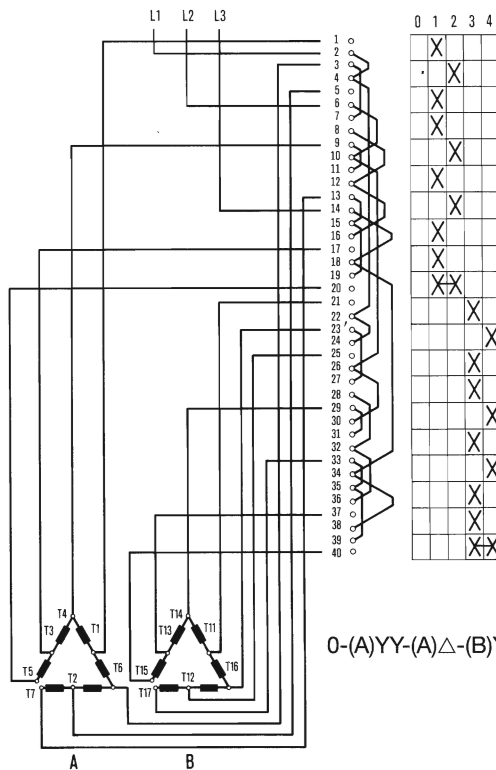
3

Für Antriebe mit konstanter Leistung

For drive motors with constant output
Pour moteurs d'entraînement à puissance constante



0-(A)YY-(B)YY-(A)Δ-(B)Δ



0-(A)YY-(A)Δ-(B)YY-(B)Δ

mit Nullstellung
with "OFF" position
avec position zéro

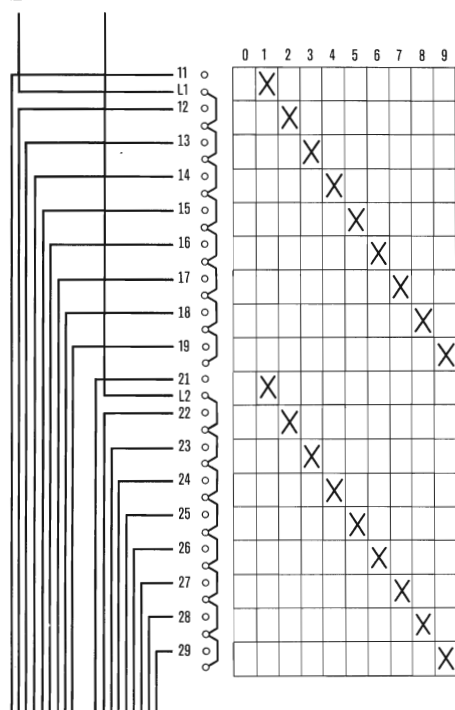
1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Step switches
Commutateurs à gradins

Stufenschalter

Pole
Poles
Pôles

2



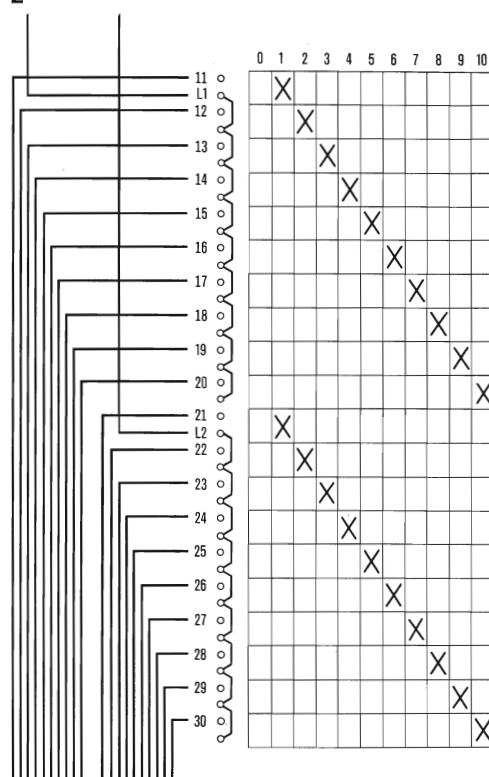
T0-9-15291
T3-9-15291



FS 312

Pole
Poles
Pôles

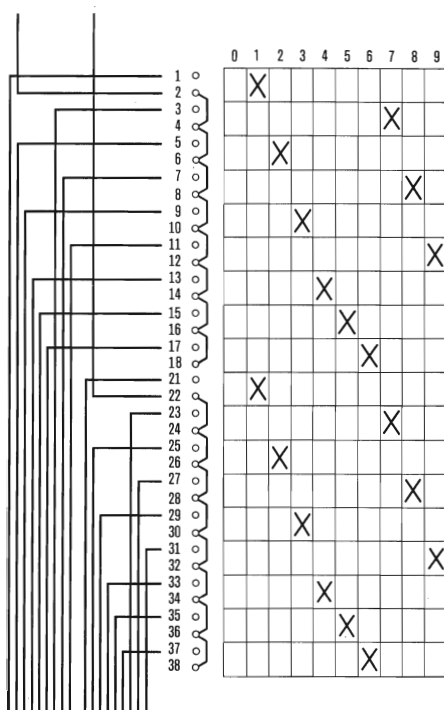
2



T0-10-15292
T3-10-15292



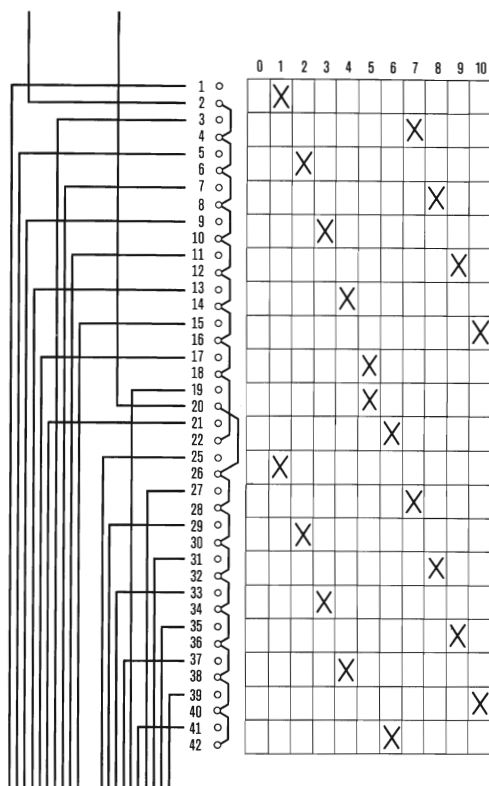
FS 311



T0-9-8267
T3-9-8267



FS 312



T0-10-8268
T3-10-8268



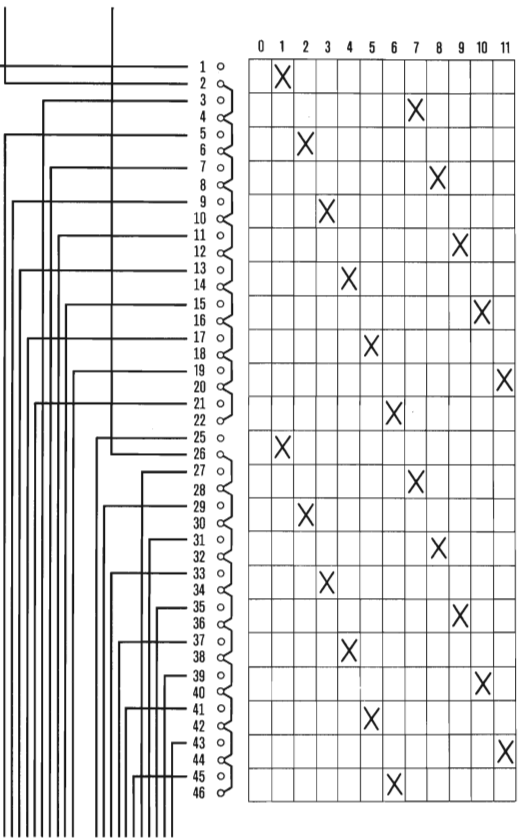
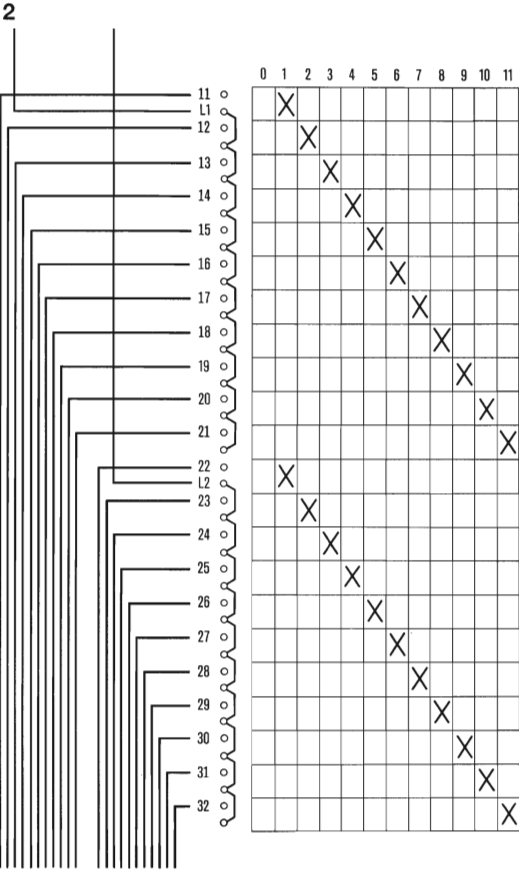
FS 311

Stufenschalter

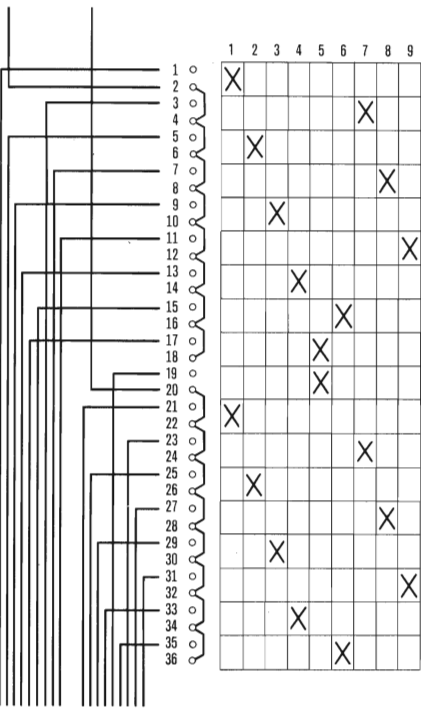
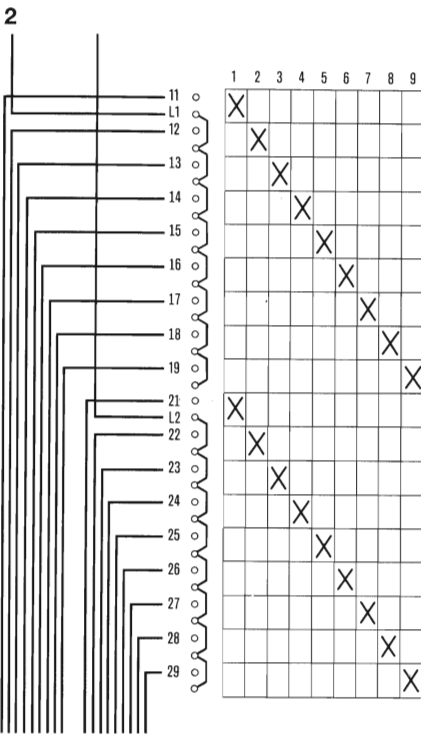
Step switches
Commutateurs à gradins

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Pole
Poles
Pôles



Pole
Poles
Pôles



ohne Nullstellung
without "OFF" position
sans position zéro

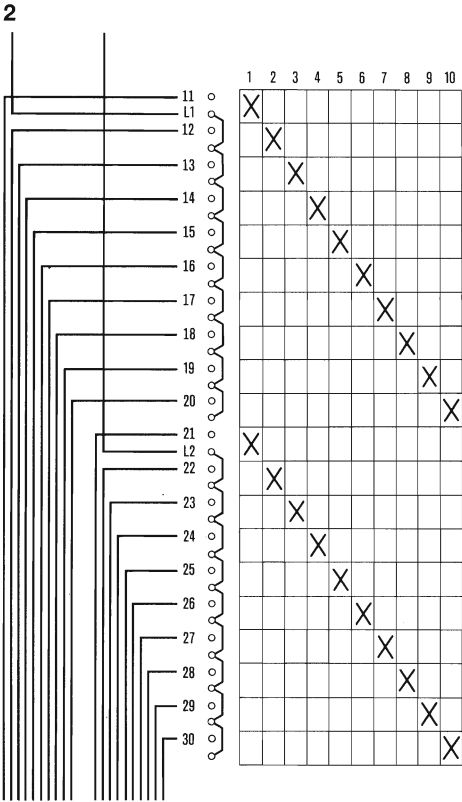
1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Step switches
Commutateurs à gradins

Stufenschalter

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

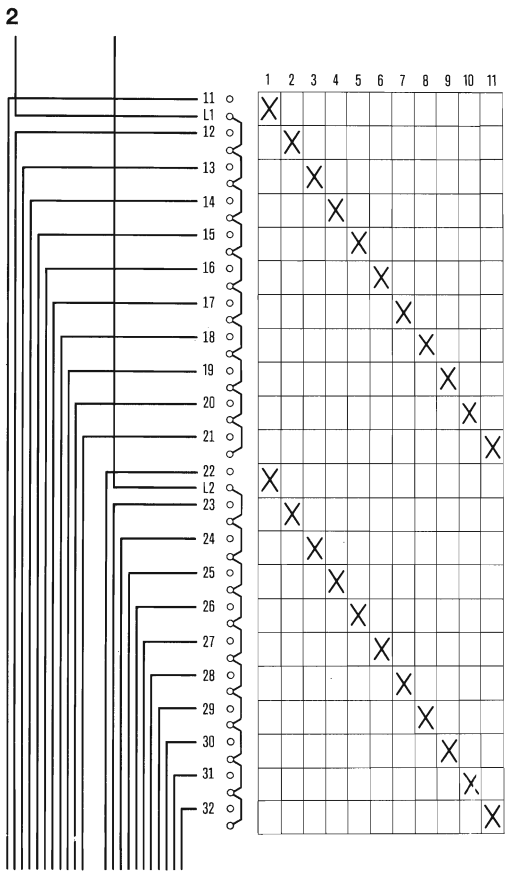


T0-10-15295
T3-10-15295



FS 303

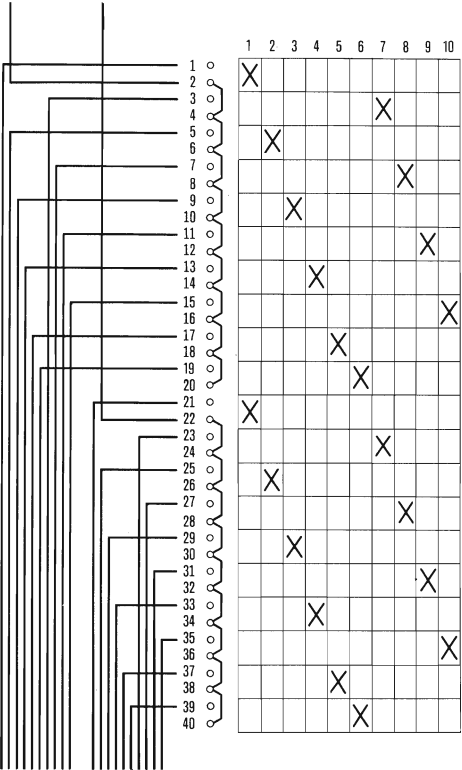
Pole
Poles
Pôles



T0-11-15296
T3-11-15296



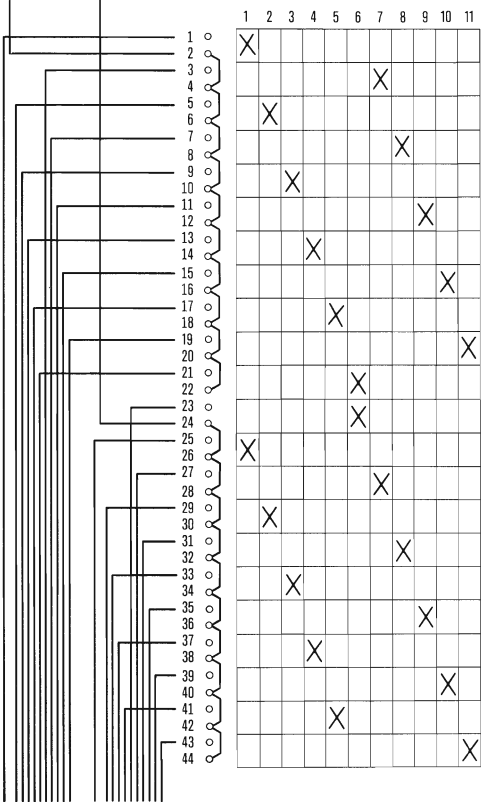
FS 302



T0-10-8257
T3-10-8257



FS 303



T0-11-8258
T3-11-8258

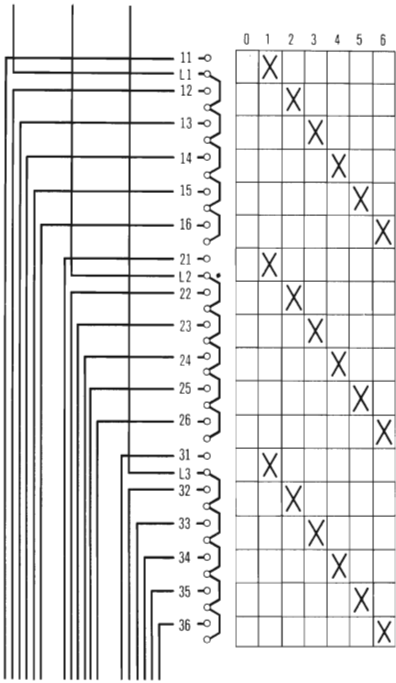


FS 302

Pole
Poles
Pôles

mit Nullstellung
with „OFF“ position
avec position zéro

3



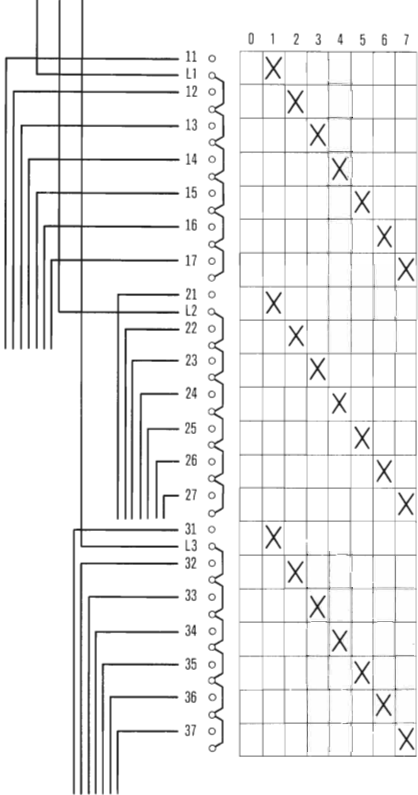
T0-9-15147
T3-9-15147



FS 426

Pole
Poles
Pôles

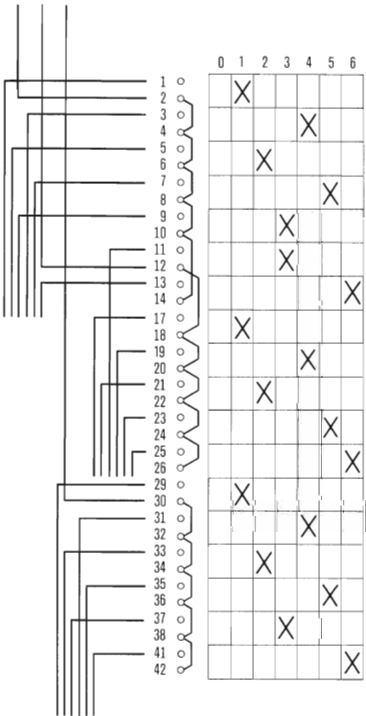
3



T0-11-15148
T3-11-15148



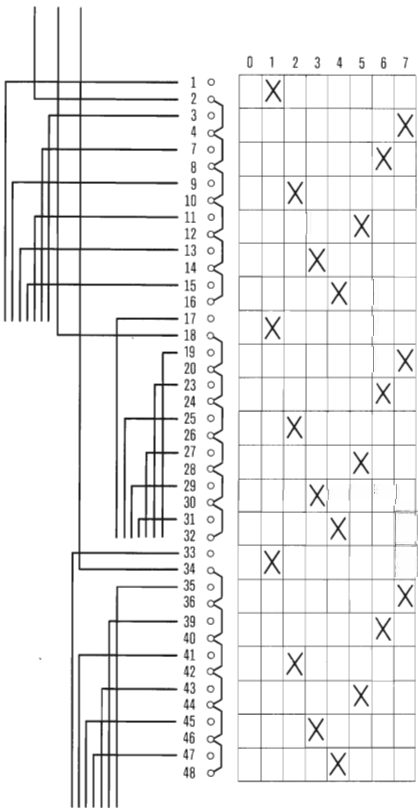
FS 428



T0-9-8284
T3-9-8284



FS 426



T0-11-8285
T3-11-8285



FS 428

ohne Nullstellung
without "OFF" position
sans position zéro

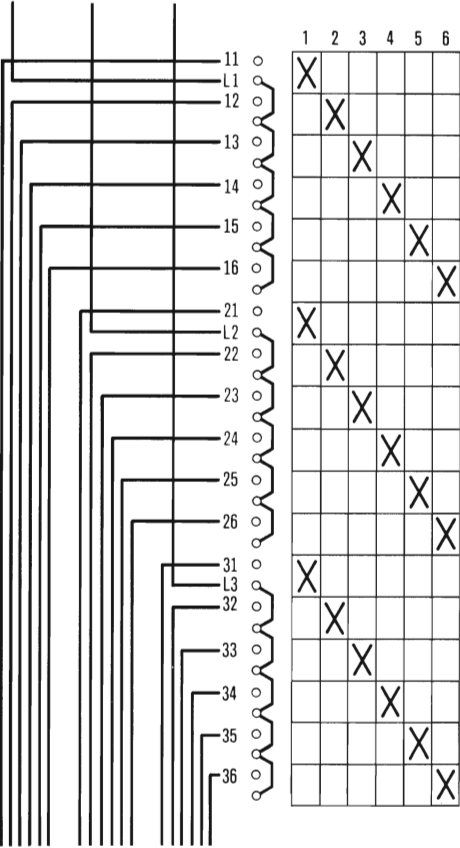
1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Step switches
Commutateurs à gradins

Stufenschalter

Pole
Poles
Pôles

3



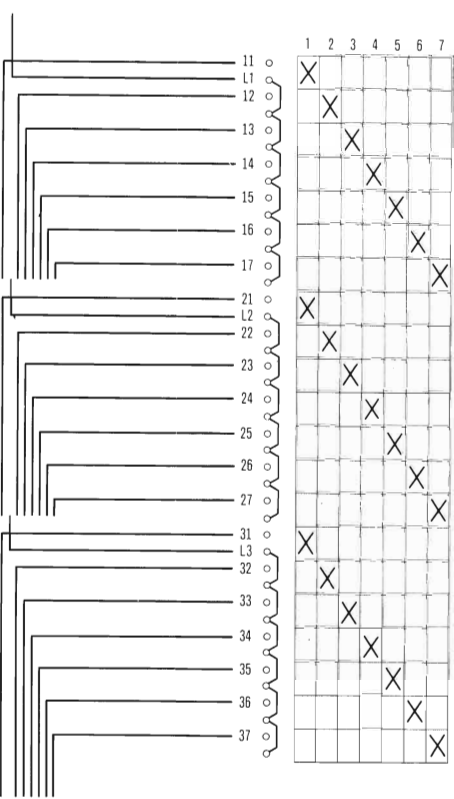
T0-9-15153
T3-9-15153



FS 410

Pole
Poles
Pôles

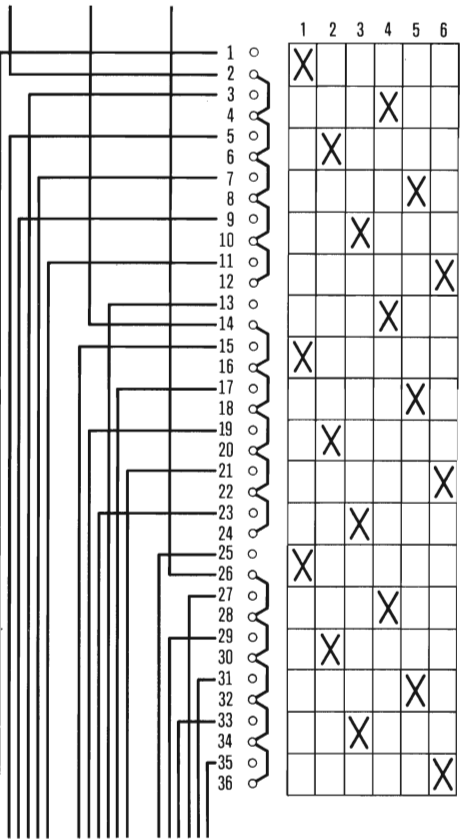
3



T0-11-15154
T3-11-15154



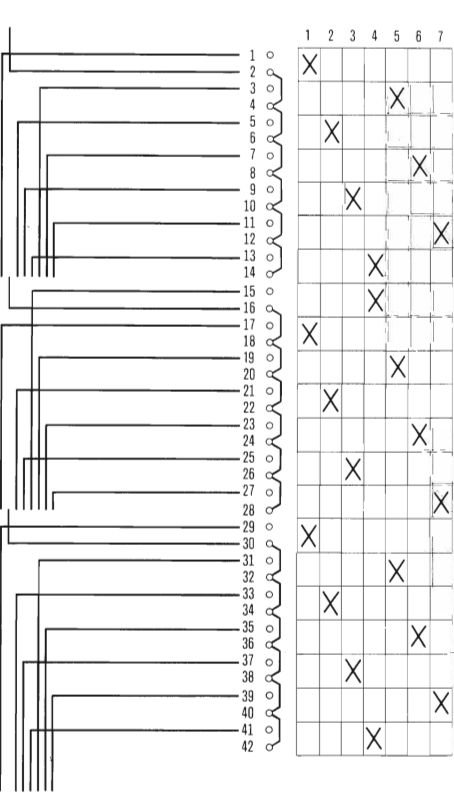
FS 412



T0-9-8273
T3-9-8273



FS 610



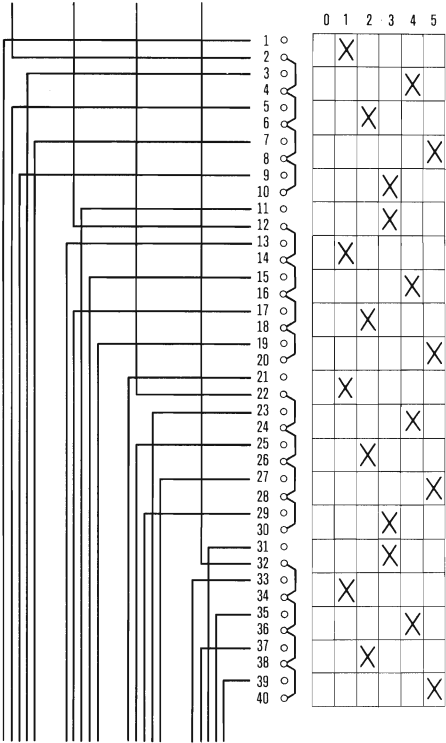
T0-11-8274
T3-11-8274



FS 412

Pole
Poles
Pôles

4



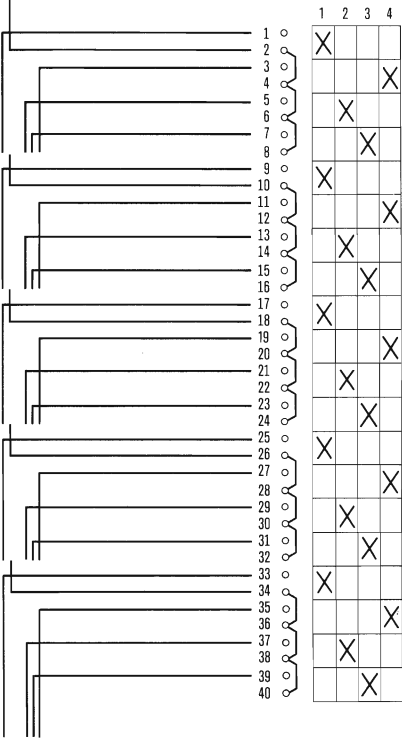
T0-10-8483
T3-10-8483



FS 424

Pole
Poles
Pôles

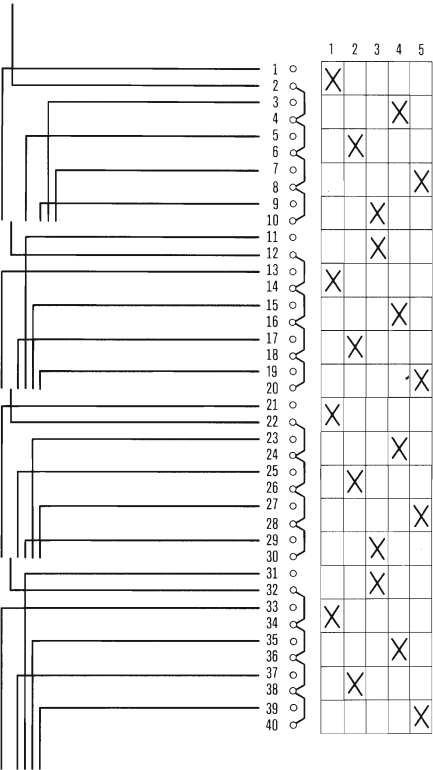
5



T0-10-8485
T3-10-8485



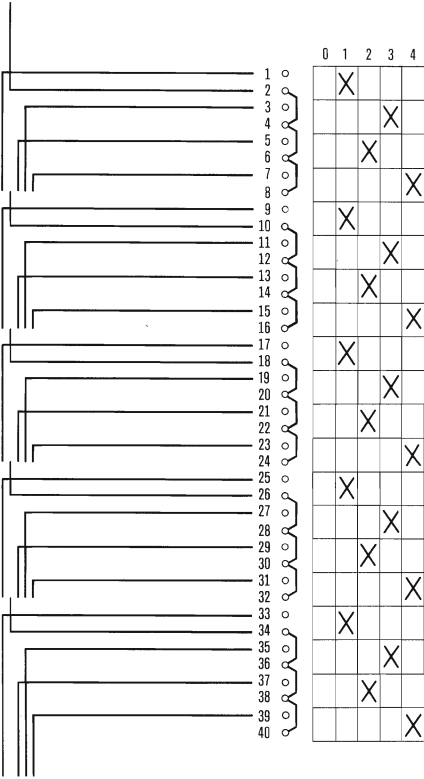
FS 406



T0-10-8478
T3-10-8478



FS 608



T0-10-8488
T3-10-8488

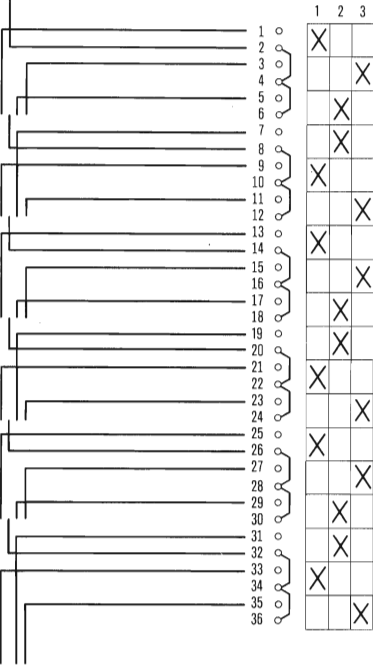


FS 422

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

6



T0-9-8489
T3-9-8489

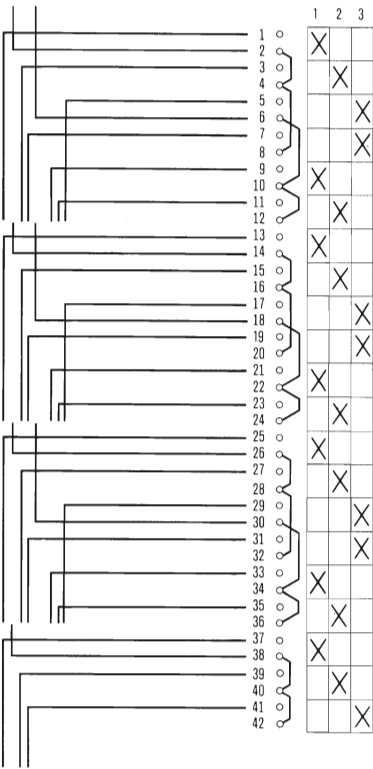


FS 604

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

7

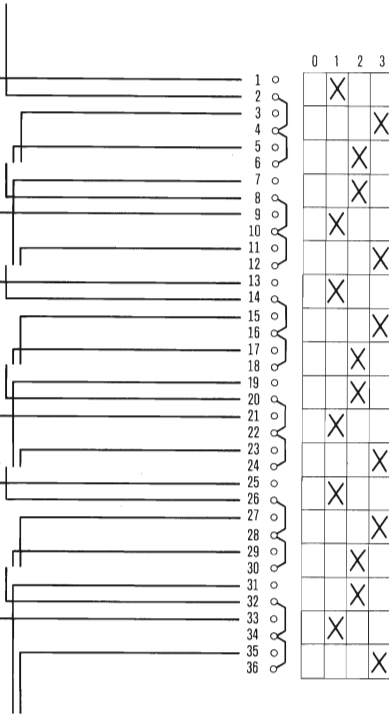


T0-11-8494
T3-11-8494



FS 604

mit Nullstellung
with "OFF" position
avec position zéro

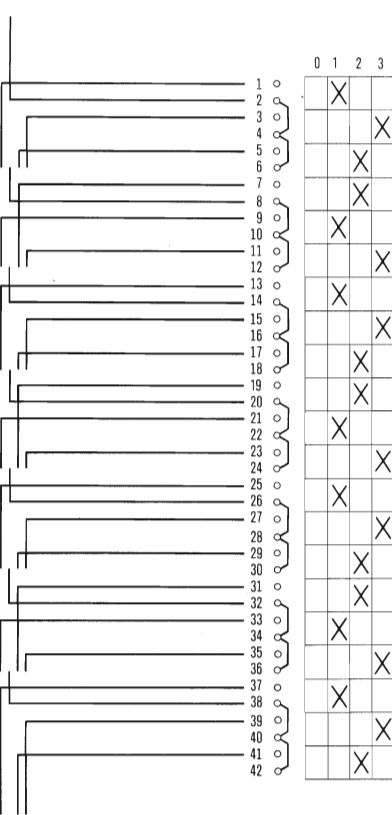


T0-9-8492
T3-9-8492



FS 420

mit Nullstellung
with "OFF" position
avec position zéro



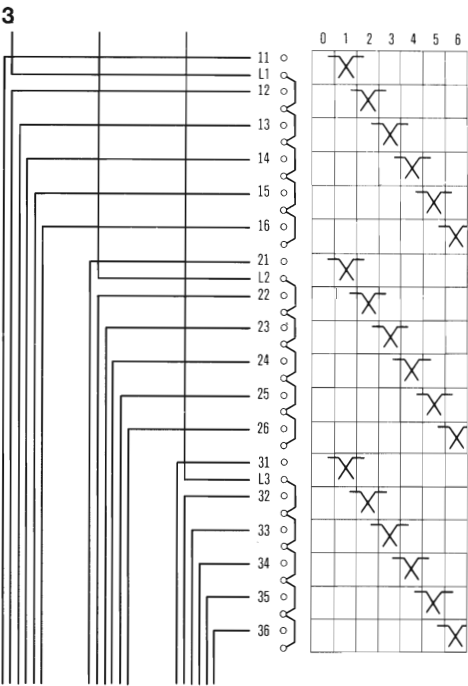
T0-11-8496
T3-11-8496



FS 420

Pole
Poles
Pôles

mit Nullstellung
with „OFF“ position
avec position zéro



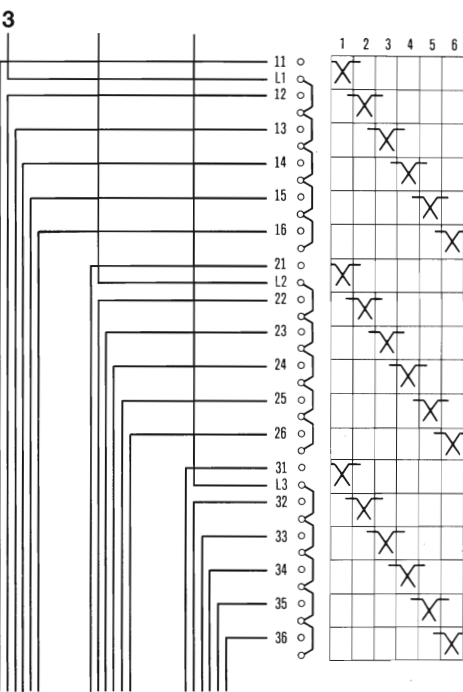
T0-9-15039
T3-9-15039



FS 426

Pole
Poles
Pôles

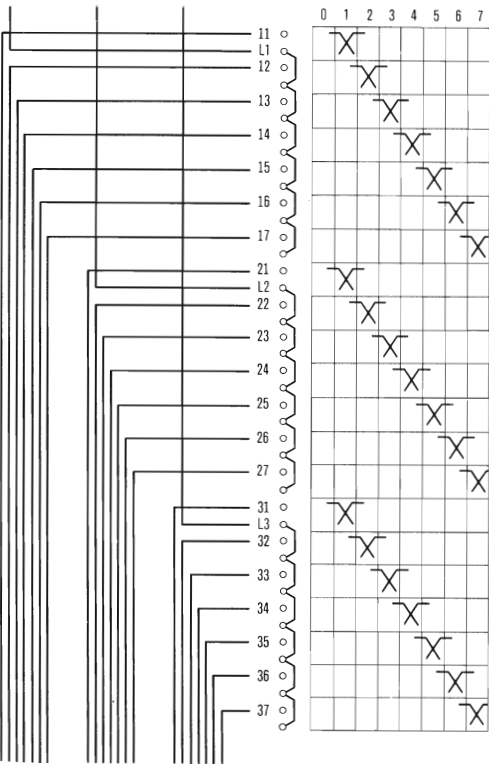
ohne Nullstellung
without „OFF“ position
sans position zéro



T0-9-15020
T3-9-15020



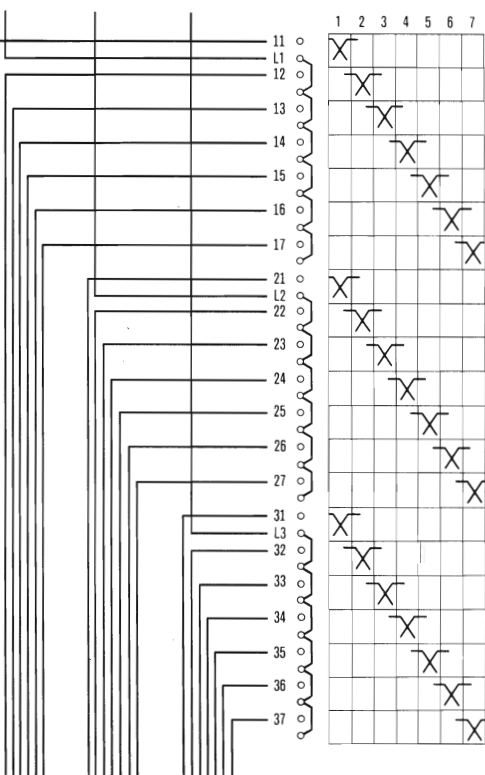
FS 410



T0-11-15040
T3-11-15040



FS 428



T0-11-15021
T3-11-15021



FS 412

Betriebsarten-Wahlschalter
für Pressensteuerungen

T0-...-.../E
Schaltwinkel 60 Grad
+ Zylinderschloß-Sperre
+ Abdeckhaube
+ Zusatzschild

Operating mode selector
switch for press controls

T0-...-.../E
Switching angle 60 degrees
+ Cylinder lock
+ Cover
+ Additional plate

Sélecteur de modes
pour commandes de presse

T0-...-.../E
Angle de rotation 60°
+ Verrouillage en rotation par serrure à clé
+ Capot
+ Plaque indicatrice

Betriebsarten:

- 0 Sperrung
- 1 Einrichten über 2 Hand
- 2 Einzelhub-2 Hand

Operating modes:

- 0 Lock
- 1 Setting 2-hand
- 2 Single stroke 2-hand

Modes de fonctionnement:

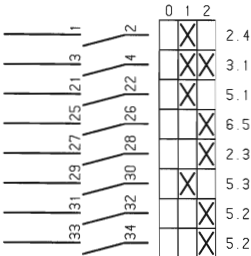
- 0 Verrouillage
- 1 Réglage à 2 mains
- 2 Course isolée à 2 mains

T0-4-15551/E
+SVA-T3
+H3-T0
+Bezeichnungsschild/Front plate/Plastron:

- 0 Sperrung
- 1 Einrichten
- 2 Einzelhub-2 Hand

- 0 Lock
- 1 Setting 2-hand
- 2 Single stroke 2-hand

- 0 Verrouillage
- 1 Réglage à 2 mains
- 2 Course isolée à 2 mains



T0-4-15551
T3-4-15551



FS 614

Betriebsarten:

- 0 Sperrung
- 1 Einrichten über 2 Hand
- 2 Einzelhub-2 Hand
- 3 Einzelhub-Fuß
- 4 autom. Dauerlauf-Fuß

Operating modes:

- 0 Lock
- 1 Setting 2-hand
- 2 Single stroke 2-hand
- 3 Single stroke foot
- 4 Autom. continuous operation foot

Modes de fonctionnement:

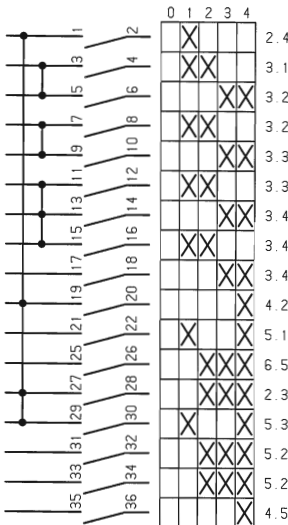
- 0 Verrouillage
- 1 Réglage à 2 mains
- 2 Course isolée à 2 mains
- 3 Course isolée au pied
- 4 Marche continue automatique au pied

T0-9-15552/E
+SVA-T3
+H4-T0
+Bezeichnungsschild/Front plate/Plastron:
BSAK 105 x 37 (...)

- 0 Sperrung
 - 1 Einrichten
 - 2 Einzelhub-2 Hand
 - 3 Einzelhub-Fuß
 - 4 autom. Dauerlauf-Fuß
- 3+4 nur für sichere Werkzeuge

- 0 Lock
 - 1 Setting
 - 2 Single stroke 2-hand
 - 3 Single stroke foot
 - 4 Autom. continuous operation foot
- 3+4 only for safe tools

- 0 Verrouillage
 - 1 Réglage
 - 2 Course isolée à 2 mains
 - 3 Course isolée au pied
 - 4 Marche continue automatique au pied
- 3+4 uniquement pour les outils sécurés



T0-9-15552
T3-9-15552



FS 618

Betriebsarten-Wahlschalter für Pressensteuerungen	Operating mode selector switch for press controls	Sélecteur de modes pour commandes de presse
T0-...-.../E Schaltwinkel 60 Grad + Zylinderschloß-Sperre + Abdeckhaube + Zusatzschild	T0-...-.../E Switching angle 60 degrees + Cylinder lock + Cover + Additional plate	T0-...-.../E Angle de rotation 60° + Verrouillage en rotation par serrure à clé + Capot + Plaque indicatrice

Betriebsarten:

- 0 Sperrung
- 1 Einrichten über 2 Hand
- 2 Einzelhub-2 Hand
- 3 Einzelhub-Fuß
- 4 Autom. Dauerlauf-Fuß
- 5 Dauerlauf-Fuß

Operating modes:

- 0 Lock
- 1 Setting 2-hand
- 2 Single stroke 2-hand
- 3 Single stroke foot
- 4 Autom. continuous operation foot
- 5 Continous operation foot

Modes de fonctionnement

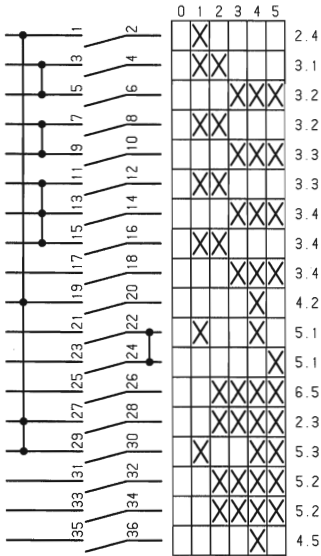
- 0 Verrouillage
- 1 Réglage à 2 mains
- 2 Course isolée à 2 mains
- 3 Course isolée au pied
- 4 Marche continue automatique au pied
- 5 Marche continue au pied

T0-9-15553/E
+SVA-T3
+H4-T0
+Bezeichnungsschild/Front plate/Plastron:

0 Sperrung	3 Einzelhub-Fuß
1 Einrichten	4 Autom. Dauerlauf-Fuß
2 Einzelhub-2 Hand	5 Dauerlauf-Fuß
3,4,5 nur für sichere Werkzeuge	

0 Lock	3 Single stroke foot
1 Setting 2-hand	4 Autom. continuous operation foot
2 Single stroke 2-hand	5 Continous operation foot
3,4,5 only for safe tools	

0 Verrouillage	3 Course isolée au pied
1 Réglage à 2 mains	4 Marche continue automatique au pied
2 Course isolée à 2 mains	5 Marche continue au pied
3,4,5 uniquement pour les outils sécur	



T0-9-15553
T3-9-15553
FS 620

Betriebsarten:

- 1 Aus
- 2 Einrichten
- 3 Einzelhub
- 4 Dauerhub
- 5 Autom. Einzelhub
- 6 Autom. Dauerhub

Operating modes:

- 1 OFF
- 2 Setting
- 3 Single stroke
- 4 Continuous stroke
- 5 Autom. sinlge stroke
- 6 Autom. continuous stroke

Modes de fonctionnement:

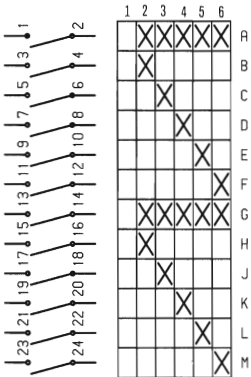
- 1 ARRET
- 2 Réglage
- 3 Course isolée
- 4 Course continue
- 5 Course isolée Auto
- 6 Course continue Auto

T0-6-15554/E
+SVA-T3
+H4-T0
+Bezeichnungsschild/Front plate/Plastron:

1 AUS	4 Dauerhub
2 Einrichten	5 Autom. Einzelhub
3 Einzelhub	6 Autom. Dauerhub
4,5,6 nur für sichere Werkzeuge	

1 OFF	4 Continuous stroke
2 Setting	5 Autom. single stroke
3 Single stroke	6 Autom. continuous stroke
4,5,6 only for safe tools	

1 ARRET	4 Course continue
2 Réglage	5 Course isolée Auto
3 Course isolée	6 Course continue Auto
4,5,6 uniquement pour les outils sécur	



T0-6-15554
T3-6-15554
FS 610

nach Verwendungszweck
by application
classés par type d'application

Baugröße T5B, T5 bis $I_u = 100\text{ A}$
Switch size T5B, T5 up to $I_u = 100\text{ A}$
Modèle T5B, T5 jusqu'à $I_u = 100\text{ A}$

3/02

Verwendungszweck

Die Angabe eines Verwendungszweckes, wie „Polumschalter“ bezeichnet das Haupteinsatzgebiet. Der Schalter ist genauso gut als Steuerungsschalter oder z. B. Heizungsschalter einsetzbar, wenn die Schaltung und die technischen Daten mit der Projektierung übereinstimmen.

Application

An application such as “Multi-speed switches” defines the main area of application. The switch can be used just as well as a control switch or e. g. heater switch if the contact sequence and the technical data meet design requirements.

Type d'application

L'indication d'un type d'application comme «Commutateur de pôles» désigne le principal domaine d'utilisation de l'appareil. Ce dernier peut toutefois être utilisé pour d'autres applications (commutateur de commande ou de chauffage, par exemple), à condition que le schéma et les caractéristiques techniques soient adaptées.

Hauptschalter Reparaturschalter Sicherheitsschalter EIN-AUS-Schalter	Main switches Maintenance switch Safety switch ON-OFF switch	Interrupteurs généraux Interrupteurs de réparation Interrupteurs de sécurité Commutateurs Marche-Arrêt
Umschalter	Changeover switches	Inverseurs
Wende-Schalter	Reversing switches	Inverseurs de marche
Stern-Dreieck-Schalter	Star-delta switches	Commutateurs étoile-triangle
Wende-Stern-Dreieck-Schalter	Reversing star-delta switches	Inverseurs étoile-triangle
Polumschalter	Speed switches	Commutateurs de pôles
Wende-Polumschalter	Speed reversing switches	Inverseurs-commutateurs de pôles
Polumschalter 2 Drehzahlen, 2 getrennte Wicklungen 3 Drehzahlen, 2 getrennte Wicklungen 3 Drehzahlen, 1 Wicklung 4 Drehzahlen, 2× Dahlander	Speed switches 2 speeds, 2 separate windings 3 speeds, 2 separate windings 3 speeds, 1 winding 4 speeds, 2 tapped windings	Commutateurs de pôles 2 vitesses, 2 enroulements séparés 3 vitesses, 2 enroulements séparés 3 vitesses, 1 enroulement 4 vitesses, 2 couplages «Dahlander»
Mehr-Motoren-Schalter	Multi motor switches	Commutateurs pour plusieurs moteurs
Hilfsphasen-Schalter	Single-phase switches	Commutateurs de phases auxiliaires
Steuermotorenschalter	Switches for servo-motors	Commutateurs pour servo-moteurs
Synchronisierschalter	Synchronizing switches	Sélecteurs de synchronisation
Heizungsschalter	Heater switches	Commutateurs de chauffage
Stufenschalter mit/ohne Nullstellung mit unterbrechungsloser Umschaltung mit Zuschaltung von Stufen mit Nullstellung	Step switches with/without “OFF”-position with non-interrupted changeover with incremental steps with “OFF”-position	Commutateurs à gradins avec/sans position «0» sans interruption à la commutation mise en service de crans avec position «0»
Spannungsmesser-Umschalter	Voltmeter selector switches	Commutateurs de voltmètre
Strommesser-Umschalter	Ammeter selector switches	Commutateurs d'ampèremètre
Spannungs-Strommesser-Umschalter	Voltmeter-ammeter selector switches	Commutateurs de voltmètre/ampèremètre
Leistungsmesser-Umschalter	Wattmeter selector switches	Commutateurs de wattmètre
Leistungsfaktormesser-Umschalter	Power factor selector switches	Commutateurs de mesure de cos phi
Meßstellen-Umschalter	Test-point selector switches	Commutateurs de points de mesure
Steuerschalter Tastschalter Stellschalter Umschalter	Control switches Impulse switches Stay-put switch Changeover switches	Commutateurs de commande Commutateurs à retour automatique Commutateurs à position stables Inverseurs
Programmschalter	Mode selector switches	Sélecteurs de service
Wechselstromschalter	A.C. switches	Commutateurs pour courant alternatif
Codierschalter	Coding switches	Commutateurs de codage
Spezialschalter	Special switches	Commutateurs spéciaux
Standardisierte Verriegelungen	Standard interlock	Verrouillage standards
Betriebsarten-Wahlschalter	Operating mode selector switches	Sélecteurs de modes

Nockenschalter / Rotary switches / Commutateurs à cames

Standardschaltungen / Standard contact sequences / Schémas standards

Baugröße / Switch size / Taille

T0	T3	T5B	T5
Bemessungsbetriebsleistung AC-3 / Rated operational power AC-3 / Puissance assignées d'emploi AC-3			
4 kW (380 – 440 V)	11 kW (380 – 440 V)	22 kW (380 – 440 V)	37 kW (380 – 440 V)
Bemessungsdauerstrom / Rated uninterrupted current / Courant assigné ininterrompu			
20 A	32 A	63 A	100 A
2/04			3/03
2/04			3/03
2/06 + 2/78			3/02 + 3/05
2/07 + 2/78			3/06
2/11			3/11
2/13			3/13
2/16			3/17
2/17			3/18
2/20			3/21
2/21			3/22
2/24			3/25
2/30 + 2/79			3/32
2/31 + 2/80			3/33
2/31			3/34
2/32			3/35
2/34			
2/34			
2/35			3/37
2/37 + 2/81			3/39
2/49 + 2/81			3/56
2/54			3/58
2/56			
2/58			
2/60			3/60
2/62			
2/63			
2/63			
2/65			
2/66			3/61
2/70			3/63
2/72			3/64
2/74			
2/75			3/65
2/76			
2/77			
			3/66
2/89			

Pole
Poles
Pôles

Typ
Type
Type

Typ
Type
Type



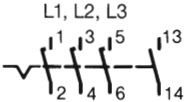
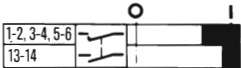
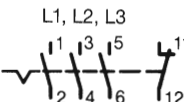
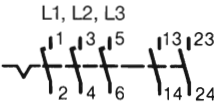
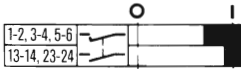
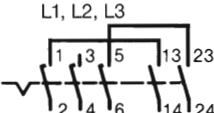
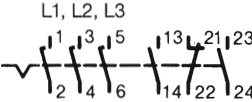
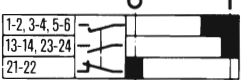
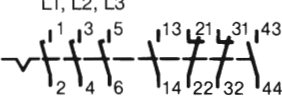
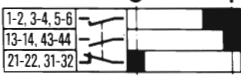
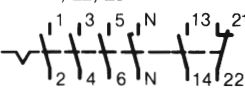
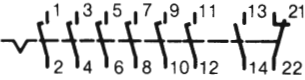
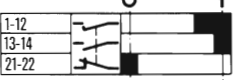
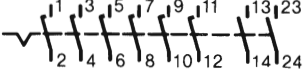
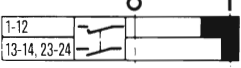
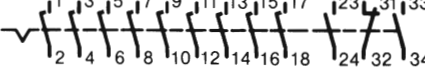
FS 908

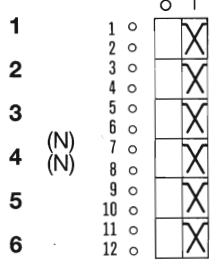
		O I			
1	1	○	X	T5B-1-8200	T5-1-8200
	2	○			
2	3	○	X	T5B-1-102	T5-1-102
	4	○			
3	5	○	X	(T5B-2-1) P3-63	(T5-2-1) P3-100
	6	○			
4	(N) 7	○	X	*) T5B-2-8293	*) T5-2-8293
	(N) 8	○			
5	9	○	X	T5B-3-8341	T5-3-8341
	10	○			
6	11	○	X	T5B-3-8342	T5-3-8342
	12	○			
7	13	○	X	T5B-4-8343	T5-4-8443
	14	○			
8	15	○	X	T5B-4-8344	T5-4-8344
	16	○			
9	17	○	X	T5B-5-8345	T5-5-8345
	18	○			
10	19	○	X	T5B-5-8346	T5-5-8346
	20	○			
11	21	○	X	T5B-6-8347	T5-6-8347
	22	○			
12	23	○	X	T5B-6-8348	T5-6-8348
	24	○			
13	25	○	X	T5B-7-8349	T5-7-8349
	26	○			
14	27	○	X	T5B-7-8350	T5-7-8350
	28	○			
15	29	○	X	T5B-8-8351	T5-8-8351
	30	○			
16	31	○	X	T5B-8-8352	T5-8-8352
	32	○			
	33	○	X		
	34	○			
18	35	○	X	T5B-9-8354	T5-9-8354
	36	○			
	37	○	X		
	38	○			
20	39	○	X	T5B-10-8356	T5-10-8356
	40	○			

*) N = voreilend ein / early neutral / neutre à fermeture avancée

Main switch, maintenance switch, safety switch
with load-sharing contacts and (or) position indicator
Interrupteurs généraux, interrupteurs de réparation,
interrupteurs de sécurité
avec contact «de précoopure» et (ou) indicateur de position

Hauptschalter, Reparaturschalter,
Sicherheitsschalter
mit Lastabwurfkontakt und (oder) Schaltstellungs-meldung

Haupt- strom- bahnen Main contacts Pôles princi- paux	Hilfsstrombahnen Auxiliary contacts Contacts auxiliaires		Kontakte Contacts Contacts	Schalt- diagramm Contact diagram Diagrammes	 FS 908	Typ Type	alternativ Typ alternativ type alternatif réf.
	Schließer M Make F Travail	Öffner B Break O Repos					
	△ sond 30	△ sond 29	→ Seite/page 3/66 & AWA				
3	1	-			T5B-2-15169 T5-2-15169	→ P3-63/.../HI11 → P3-100/.../HI11	
3	-	1			T5B-2-113 T5-2-113	→ P3-63/.../HI11 → P3-100/.../HI11	
3	2	-			T5B-3-15260 T5-3-15260	→ P3-63/.../2HI11 → P3-100/.../2HI11	
3	2	-			T5B-3-15240 T5-3-15240		
3	2	1			T5B-3-15159 T5-3-15159	→ P3-63/.../HI11	
3	2	2				P3-63/.../2HI11 P3-100/.../2HI11	
3+N	1	1			T5B-3-130 T5-3-130	→ P3-63/.../HI11/N → P3-100/.../HI11/N	
3+N	1	1			T5B-3-15284 T5-3-15284		
6	1	1			T5B-4-15164 T5-4-15164		
6	2	-			T5B-4-15700 T5-4-15700		
9	2	1			T5B-6-15168 T5-6-15168		

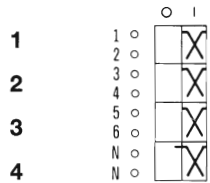
Pole
Poles
PôlesType
Type
TypeType
Type
Type

T5B-1-15471

T5-1-15471



FS 945

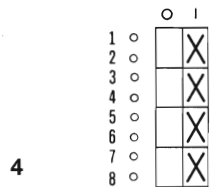


T5B-1-15481

T5-1-15481



FS 907

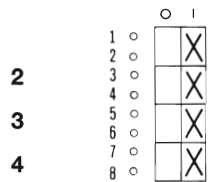


T5B-2-8324

T5-2-8324



FS 908

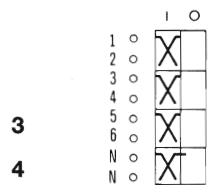


T5B-1-8201

T5-1-8201



FS 611

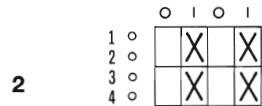


T5B-2-8224

T5-2-8224



FS 9194

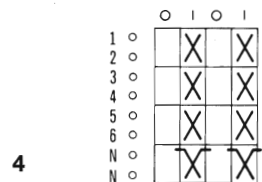


T5B-1-15108

T5-1-15108



FS 926

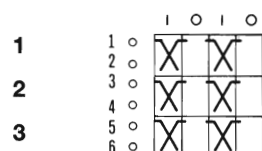
Mit Rundschtaltung
Complete rotation
Commutation sans butée

*) T5B-3-15042

*) T5-3-15042



FS 926

Mit Rundschtaltung
Complete rotation
Commutation sans butée

T5B-1-8001

T5-1-8001



FS 925

Mit Rundschtaltung
Complete rotation
Commutation sans butée

*) N = voreilend ein / early make neutral / neutre à fermeture avancée

Umschalter

ohne 0-Stellung
(Wechselschalter)

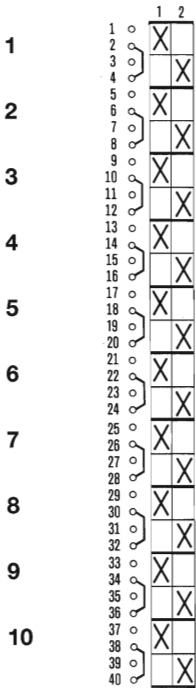
Change over switches
without "OFF" Position
(2 way switch)

Commutateurs de sélection
sans position zéro
(commutateur d'escalier)

Pole
Poles
Pôles

Typ
Type
Type

Typ
Type
Type

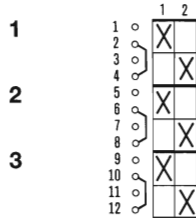


T5B-1-8220

T5-1-8220



FS 943

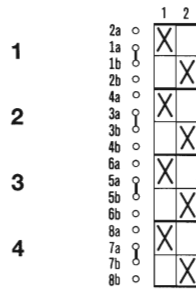


T5B-1-15441

T5-1-15441



FS 902



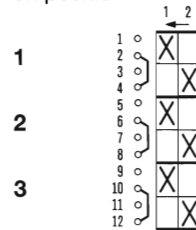
T5B-1-34

T5-1-34



FS 943

mit Rückzug nach „1“
with spring return to "1"
avec retour automatique
en position «1»



T5B-1-8295

T5-1-8295



FS 496

Pole Poles Pôles		Type Type Type	Type Type Type	
1		T5B-1-8210	T5-1-8210	 FS 684
2		T5B-2-8211	T5-2-8211	
3		T5B-3-8212	T5-3-8212	
4		T5B-4-8213	T5-4-8213	
5		T5B-5-8361	T5-5-8361	
6		T5B-6-8362	T5-6-8362	
7		T5B-7-8363	T5-7-8363	
8		T5B-8-8364	T5-8-8364	
9		T5B-9-8365	T5-9-8365	
10		T5B-10-8366	T5-10-8366	

1		T5B-1-8218	T5-1-8218	 FS 953
2		T5B-2-8219	T5-2-8219	
3		T5B-3-8299	T5-3-8299	
4		T5B-4-8294	T5-4-8294	

1		T5B-1-15421	T5-1-15421	 FS 429
2		T5B-2-15422	T5-2-15422	
3		T5B-3-15423	T5-3-15423	

1		T5B-1-15180	T5-1-15180	 FS 621
2		T5B-2-37	T5-2-37	
3		T5B-3-7	T5-3-7	
4		T5B-4-88	T5-4-88	

Pole Poles Pôles		Typ Type Type	Typ Type Type	
1	2a		T5B-2-35	T5-2-35
	1a			
	1b			
	2b			
2	4a		T5B-3-6	T5-3-6
	3a			
	3b			
	4b			
3	6a		T5B-4-86	T5-4-86
	5a			
	5b			
	6b			
4	8a			
	7a			
	7b			
	8b			



FS 644

1	1		T5B-4-8480	T5-4-8480
	2			
	3			
	4			
2	5		T5B-8-8498	T5-8-8498
	6			
	7			
	8			
3	9			
	10			
	11			
	12			
4	13			
	14			
	15			
	16			
5	17			
	18			
	19			
	20			
6	21			
	22			
	23			
	24			
7	25			
	26			
	27			
	28			
8	29			
	30			
	31			
	32			



FS 644

mit Rückzug nach „0“
with spring return to “0”
avec retour automatique en position «0»

1	1		T5B-1-8214	T5-1-8214
	2			
	3			
	4			
2	5		T5B-2-8215	T5-2-8215
	6			
	7			
	8			
3	9		T5B-3-8216	T5-3-8216
	10			
	11			
	12			



FS 4011

mit Rückzug nach „0“
with spring return to “0”
avec retour automatique en position «0»

1	1		T5B-3-15372	T5-3-15372
	2			
	3			
	4			
2	5		T5B-4-15373	T5-4-15373
	6			
	7			
	8			
3	9			
	10			
	11			
	12			



FS 458

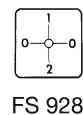
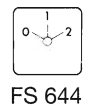
Rundschaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

	0	1	0	2
1 2a ○		X		
1a ○		X		
1b ○				X
2b ○				
4a ○		X		
2 3a ○		X		
3b ○				X
4b ○				
6a ○		X		
3 5a ○		X		
5b ○				X
6b ○				

T5B-1-15043 **T5-1-15043**

T5B-2-15044 **T5-2-15044**

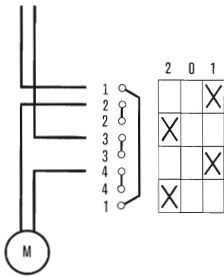
T5B-3-15045 **T5-3-15045**



Avec asservissement supplémentaire
par bouton de mise en marche
Le contacteur ne se ferme qu'à la
position «0» du commutateur

Pole
Poles
Pôles

2



T5B-2-18
T5-2-18

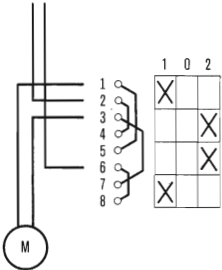


FS 621

T5B-2-23
T5-2-23



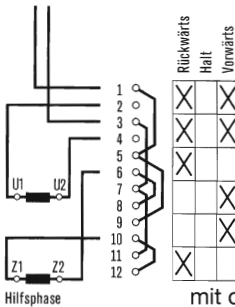
FS 429



T5B-2-8400
T5-2-8400



FS 684



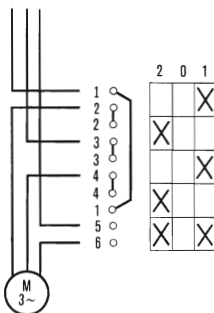
T5B-3-8622
T5-3-8622



FS 160595

mit dauernd eingeschalteter **Hilfsphase**
with permanently connected **auxiliary phase**
avec **phase auxiliaire** fermée en permanence

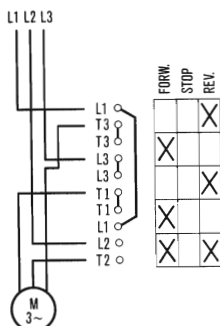
3



T5B-3-2
T5-3-2



FS 621



T5B-3-2/...+FS1655
T5-3-2/...+FS1655

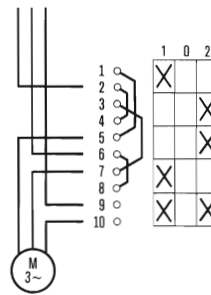


FS 1665

* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

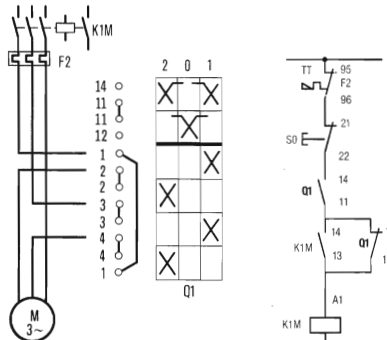
3



T5B-3-8401
T5-3-8401



FS 684



T5B-4-15190
T5-4-15190

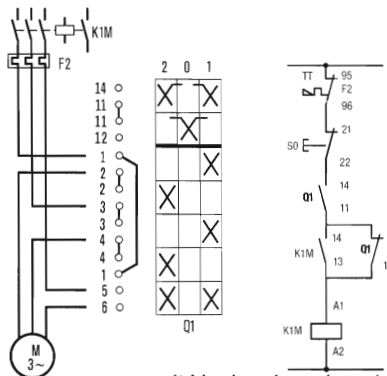


FS 913

mit Verriegelung (sond 27)*
(3. Phase nur über Schütz)

with interlocking provision (sond 27)*
3rd phase via contactor only

avec verrouillage (sond 27)*
3e phase par contacteur seulement

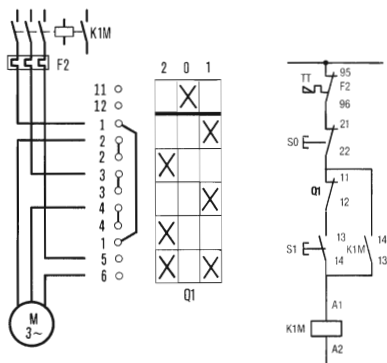


T5B-4-131
T5-4-131



FS 621

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*



T5B-3-20
T5-3-20

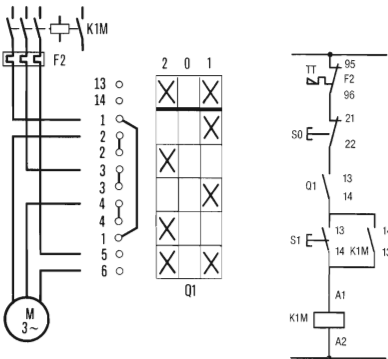


FS 621

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

Pole
Poles
Pôles

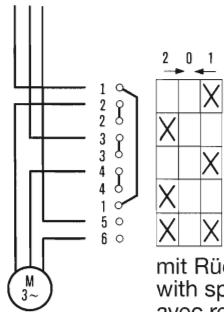
3



T5B-3-123
T5-3-123



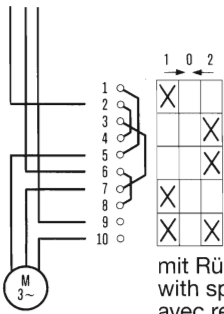
mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



T5B-3-190
T5-3-190



mit Rückzug nach „0“
with spring return to „0“
avec retour automatique en position «0»



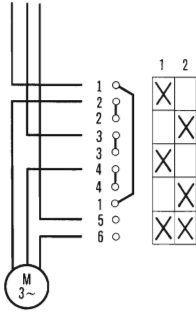
T5B-3-8228
T5-3-8228



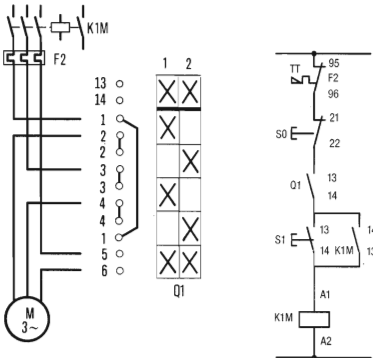
mit Rückzug nach „0“
with spring return to „0“
avec retour automatique en position «0»

Pole
Poles
Pôles

3



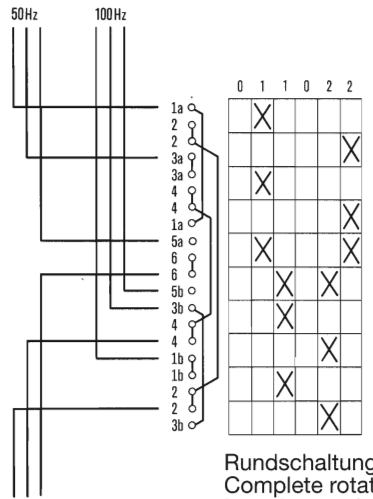
T5B-3-115
T5-3-115



T5B-3-21
T5-3-21



mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



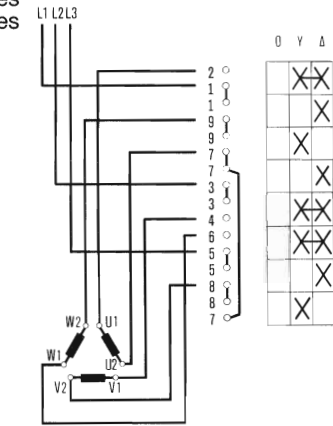
T5B-5-15643
T5-5-15643



Rundschaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

Pole
Poles
Pôles

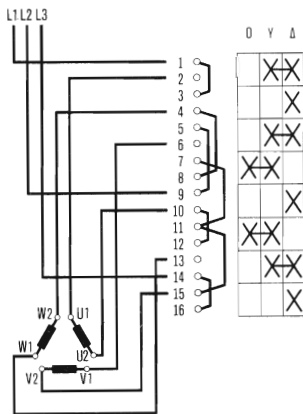
3



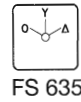
T5B-4-3
T5-4-3



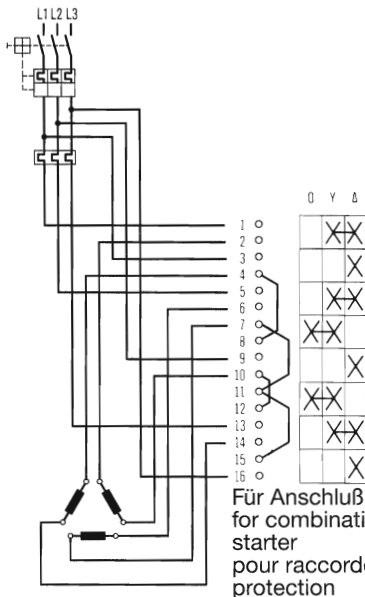
FS 635



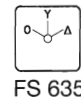
T5B-4-8410
T5-4-8410



FS 635

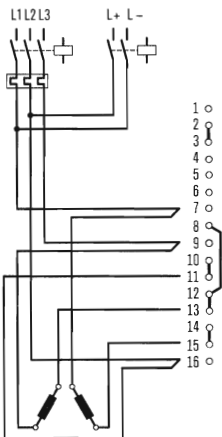


T5B-4-8418
T5-4-8418

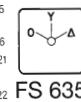


FS 635

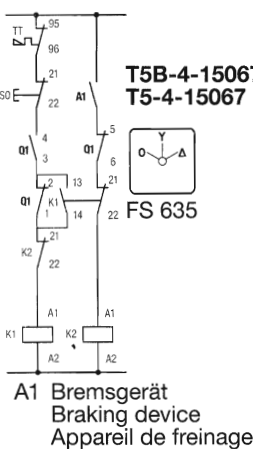
Für Anschluß von Motorschutzschalter
for combination with manual motor
starter
pour raccordement de disjoncteur de
protection



T5B-4-15067
T5-4-15067



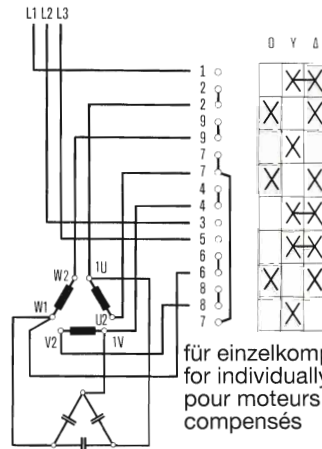
FS 635



A1 Bremsgerät
Braking device
Appareil de freinage

Pole
Poles
Pôles

3

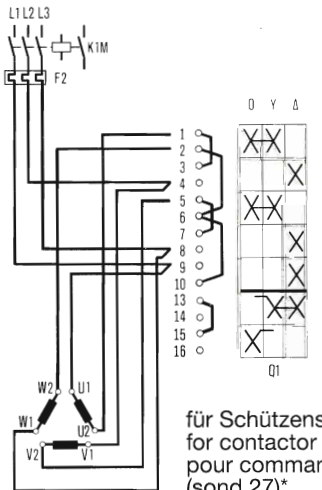


T5B-4-15068
T5-4-15068

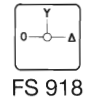


FS 635

für einzelkompensierte Motoren
for individually compensated motors
pour moteurs individuellement
compensés

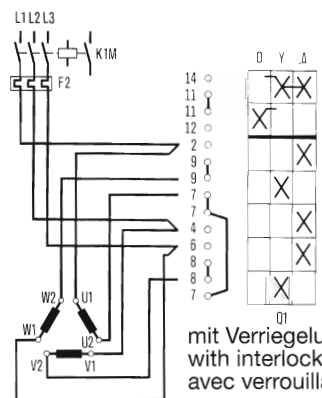


T5B-4-8419
T5-4-8419



FS 918

für Schützensteuerung (sond 27)*
for contactor control (sond 27)*
pour commande par contacteurs
(sond 27)*

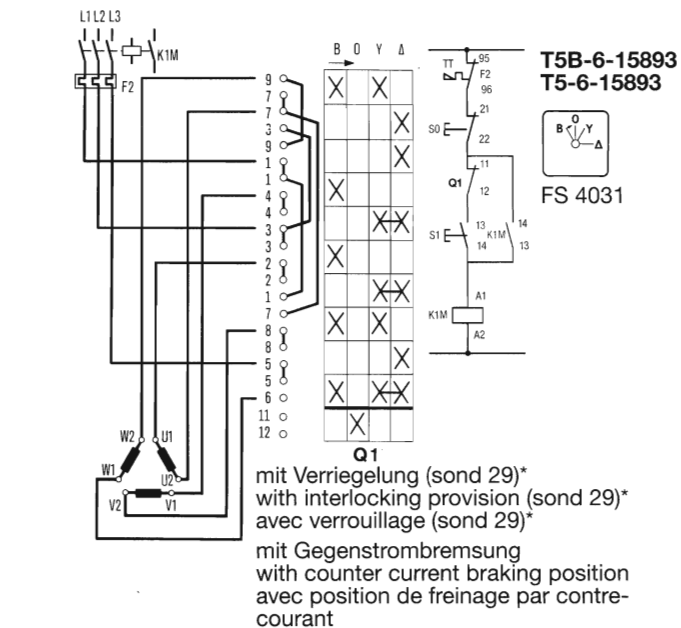
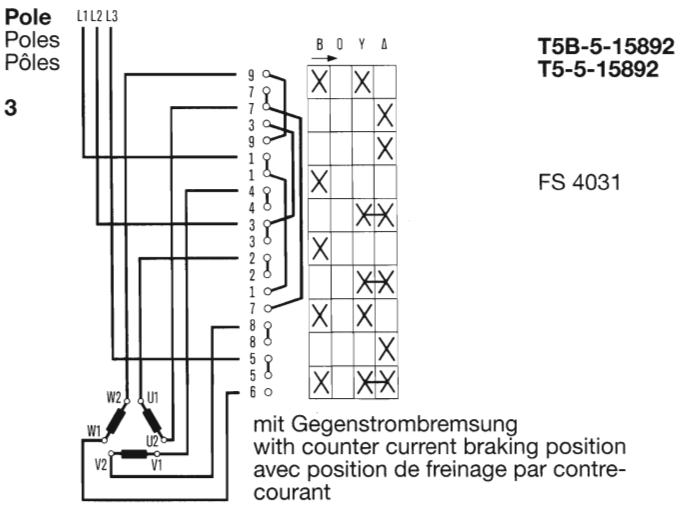
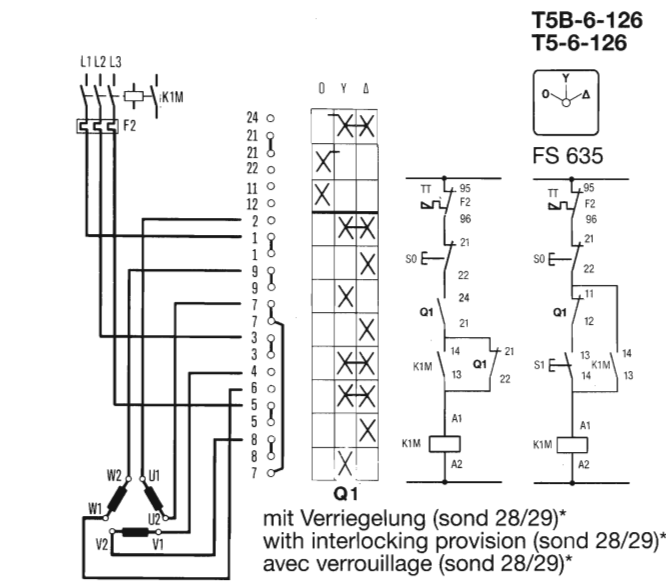
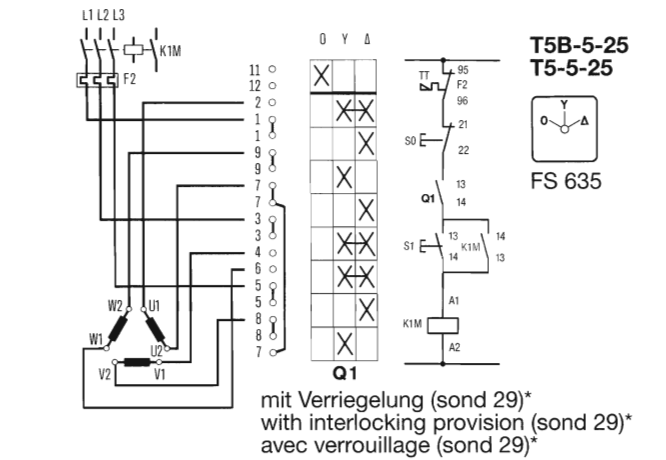
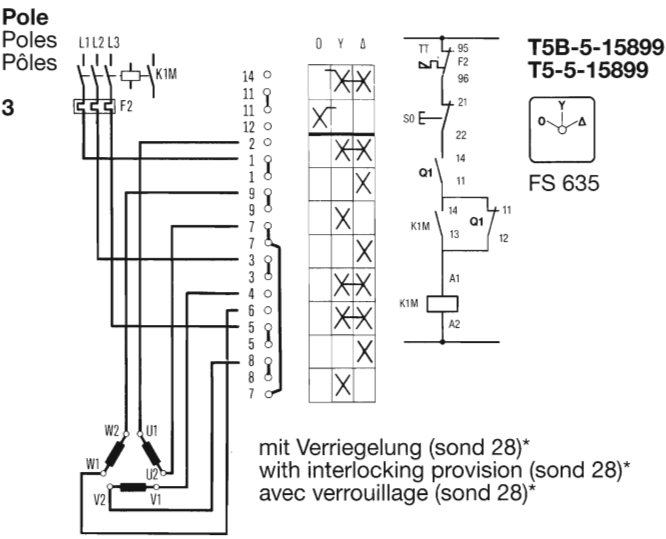


T5B-4-24
T5-4-24



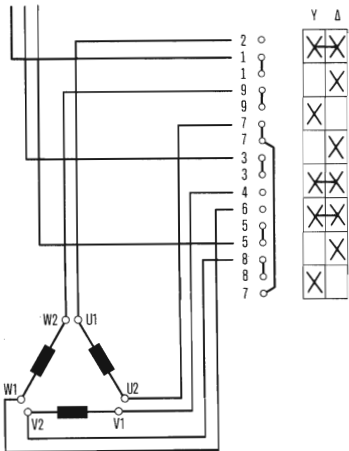
FS 635

mit Verriegelung (sond 27)*
with interlocking provision (sond 27)*
avec verrouillage (sond 27)*



Pole
Poles
Pôles

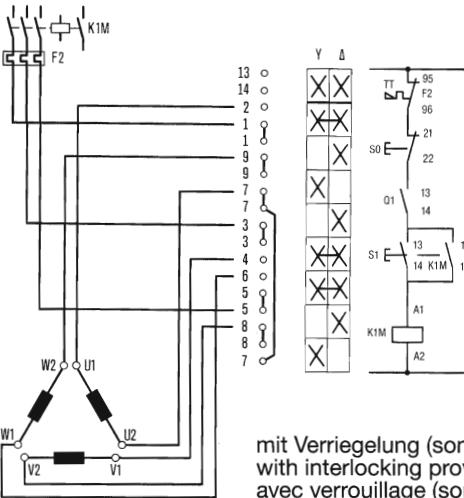
3



T5B-4-133
T5-4-133



FS 642



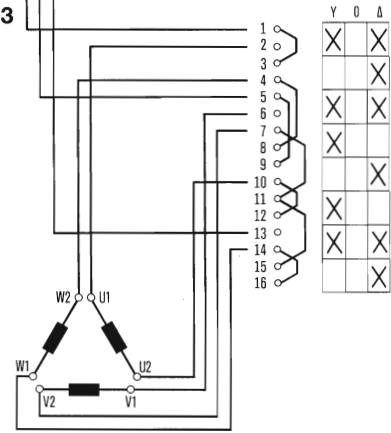
T5B-5-134
T5-5-134



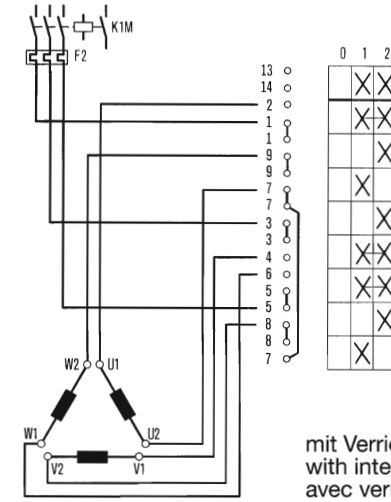
FS 642

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

Pole
Poles
Pôles



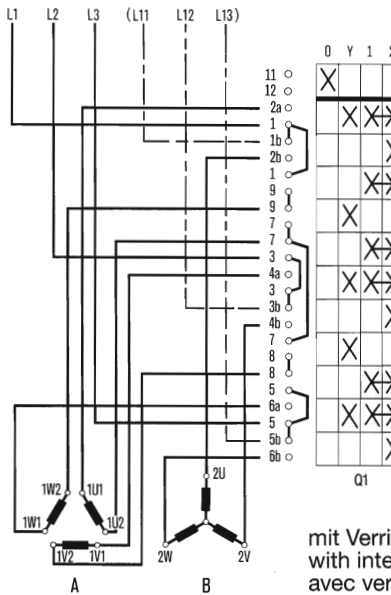
T5B-4-8417
T5-4-8417
FS 6322



T5B-5-15900
T5-5-15900
FS 644

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

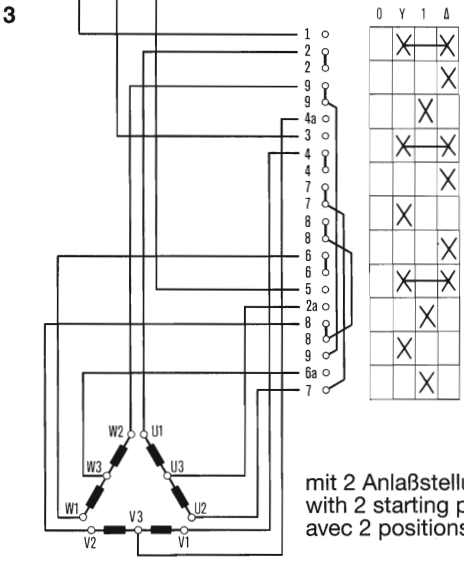
Motor A:
Stern-Dreieck-Anlauf Star-delta starting Démarrage étoile-triangle
Motor B:
Direkt-Anlauf Direct-on-line starting Démarrage direct



T5B-6-15080
T5-6-15080
FS 42272

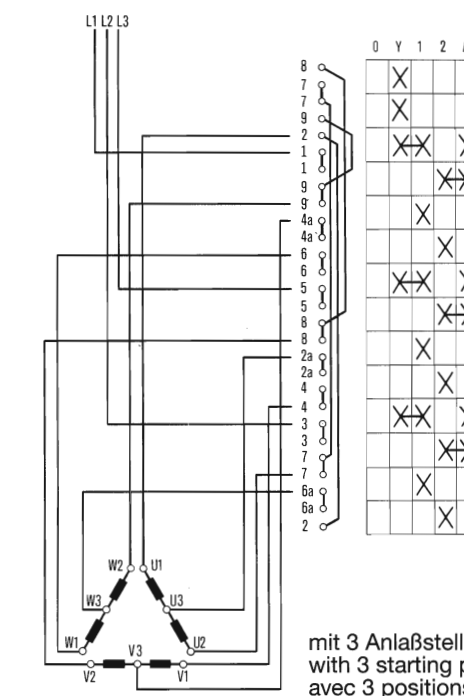
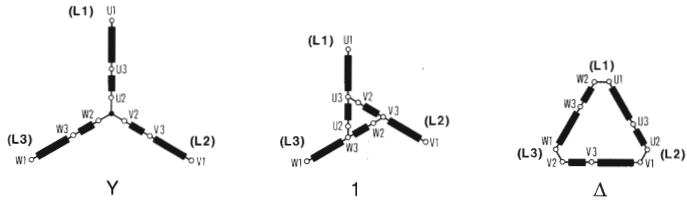
mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

Pole
Poles
Pôles



T5B-6-15083
T5-6-15083
FS 41155

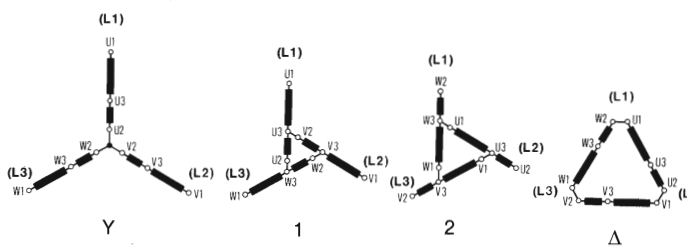
mit 2 Anlaßstellungen
with 2 starting positions
avec 2 positions de démarrage



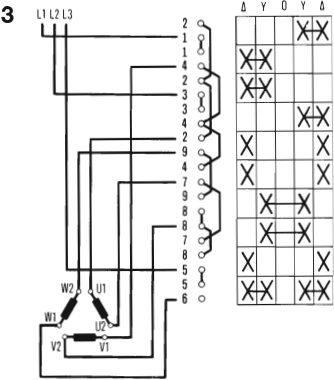
T5B-10-15092
T5-10-15092
FS 41805

früherer Typ
Previous Type
Ancien type
T...-15084

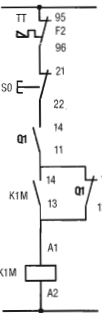
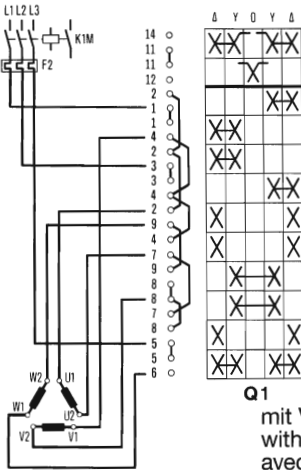
mit 3 Anlaßstellungen
with 3 starting positions
avec 3 positions de démarrage



Pole
Poles
Pôles



T5B-5-15896
T5-5-15896

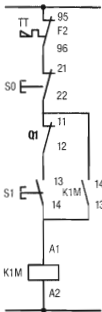
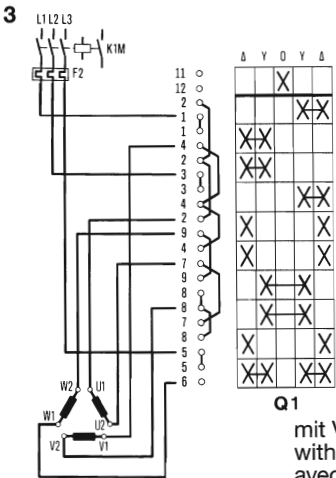


T5B-7-15897
T5-7-15897

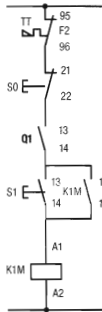
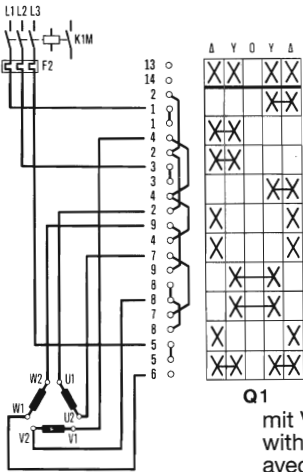


Q1
mit Verriegelung (SOND 28)*
with interlocking provision (SOND 28)*
avec verrouillage (SOND 28)*

Pole
Poles
Pôles



T5B-6-15898
T5-6-15898



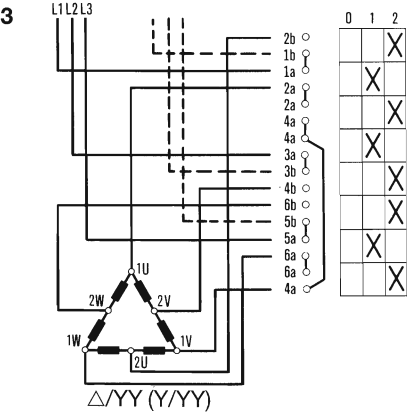
T5B-6-15901
T5-6-15901



Q1
mit Verriegelung (SOND 29)*
with interlocking provision (SOND 29)*
avec verrouillage (SOND 29)*

Q1
mit Verriegelung (SOND 30)*
with interlocking provision (SOND 30)*
avec verrouillage (SOND 30)*

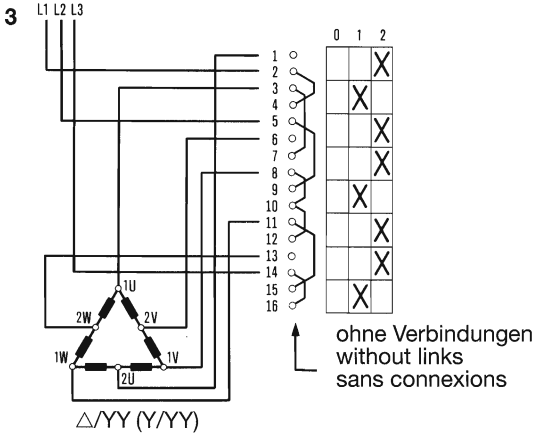
Pole
Poles
Pôles



T5B-4-4
T5-4-4

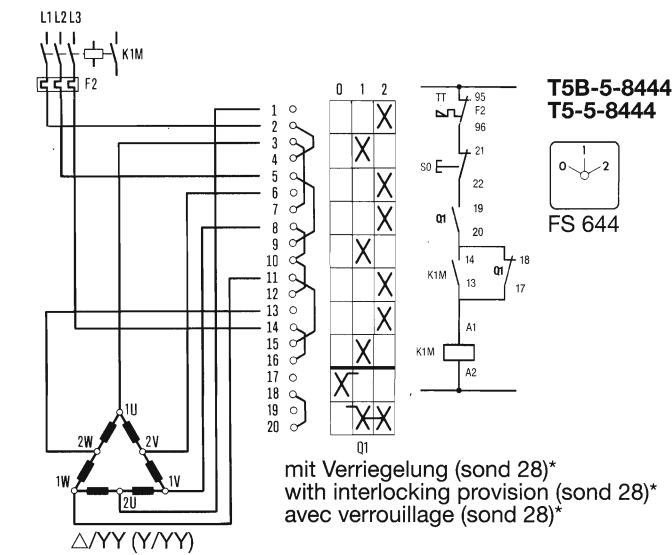
FS 644

Pole
Poles
Pôles



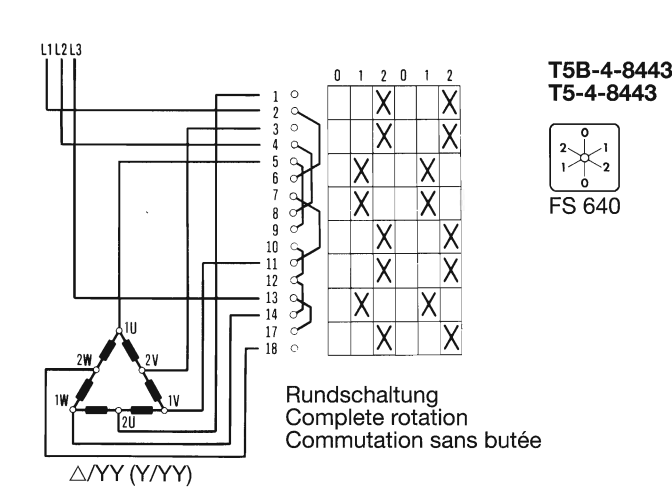
T5B-4-8440
T5-4-8440

FS 644



T5B-5-29
T5-5-29

FS 644



T5B-5-30
T5-5-30

FS 644



T5B-5-31
T5-5-31

FS 644

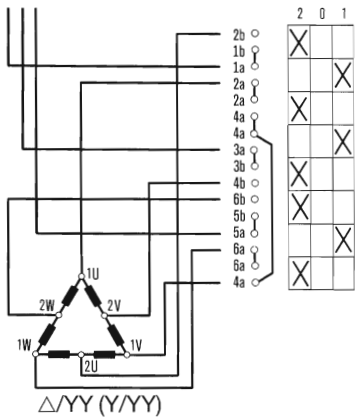


T5B-4-8443
T5-4-8443

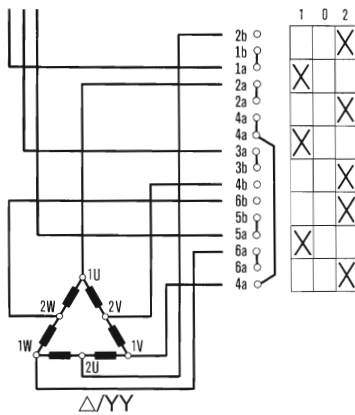
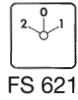
FS 640

Pole
Poles
Pôles

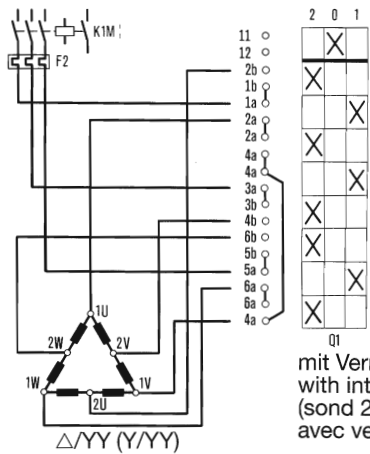
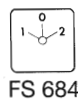
3



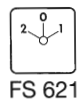
T5B-4-5
T5-4-5



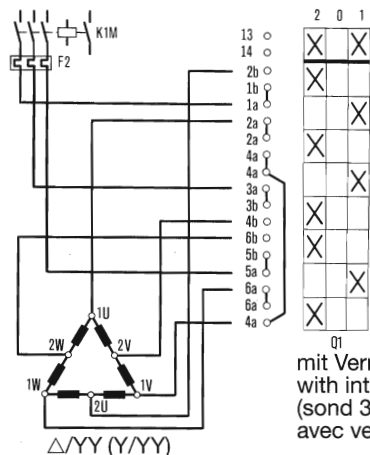
T5B-4-65
T5-4-65



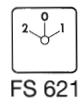
T5B-5-33
T5-5-33



mit Verriegelung (sond 29)*
with interlocking provision
(sond 29)*
avec verrouillage (sond 29)*



T5B-5-124
T5-5-124

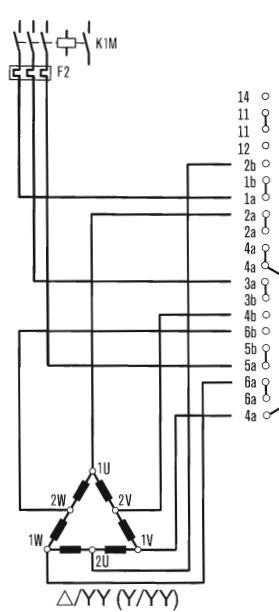


mit Verriegelung (sond 30)*
with interlocking provision
(sond 30)*
avec verrouillage (sond 30)*

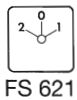
* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

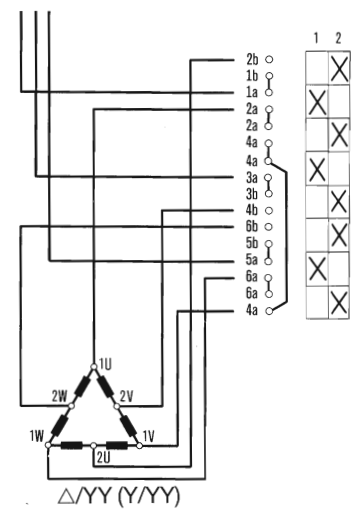
3



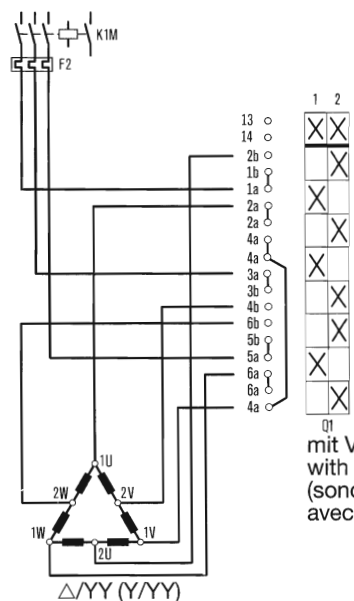
T5B-5-32
T5-5-32



mit Verriegelung (sond 28)*
with interlocking provision
(sond 28)*
avec verrouillage (sond 28)*



T5B-4-11
T5-4-11



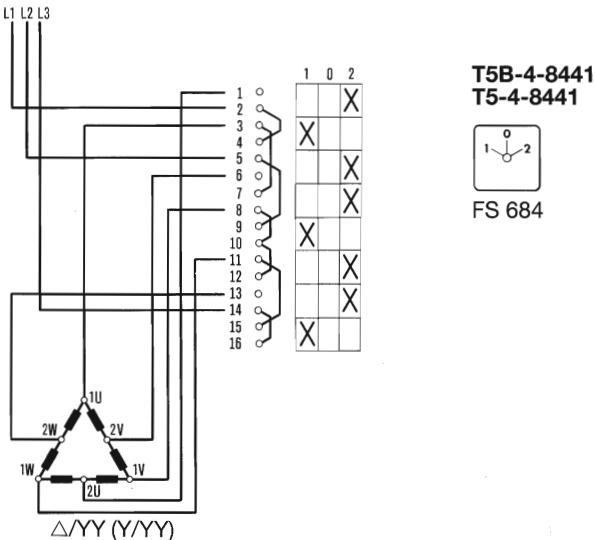
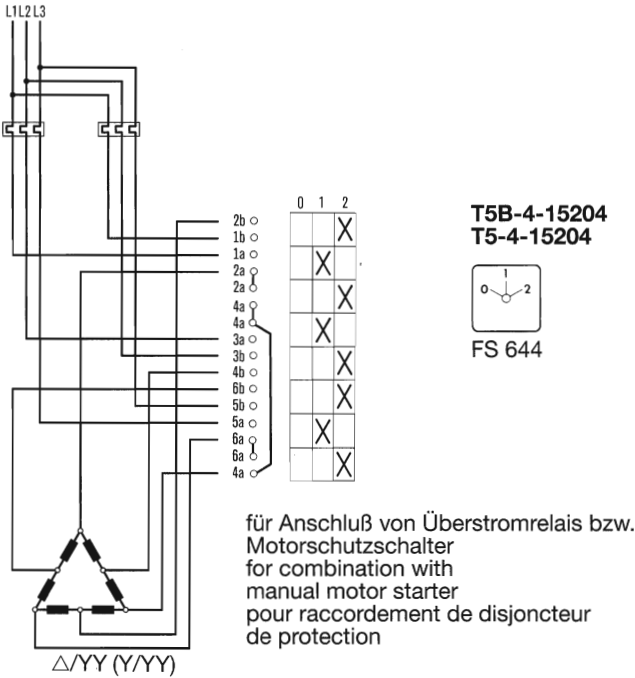
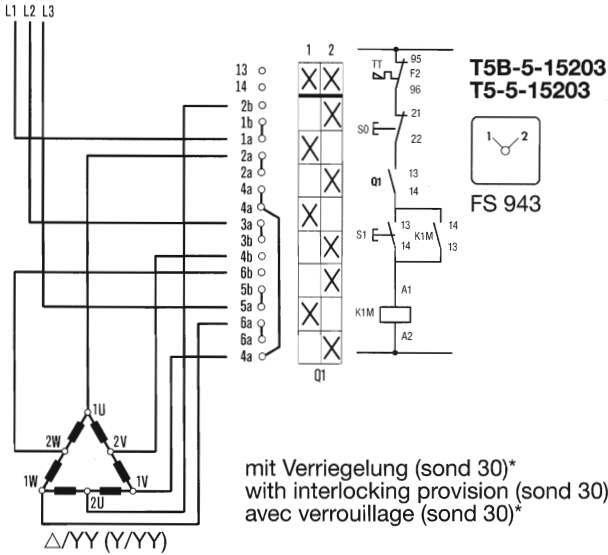
T5B-5-119
T5-5-119



mit Verriegelung (sond 30)*
with interlocking provision
(sond 30)*
avec verrouillage (sond 30)*

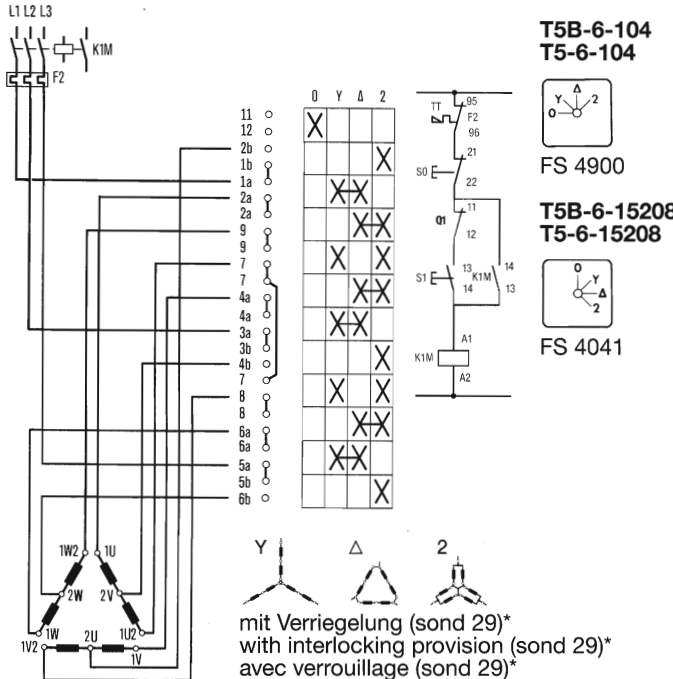
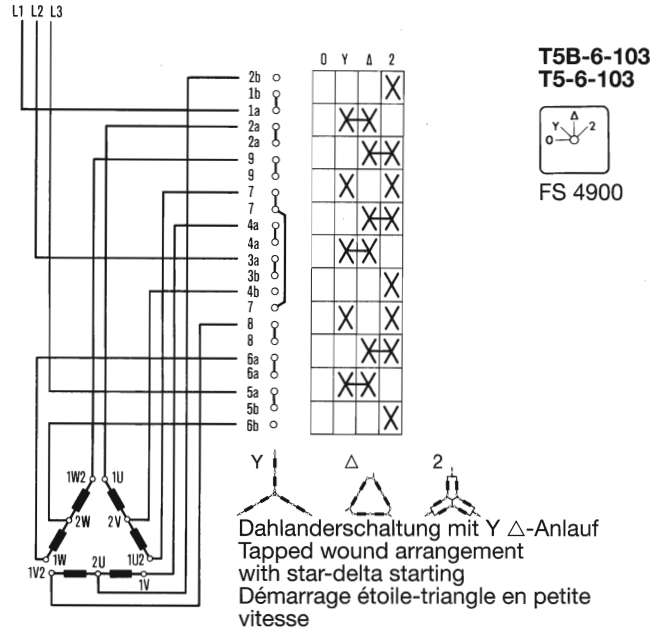
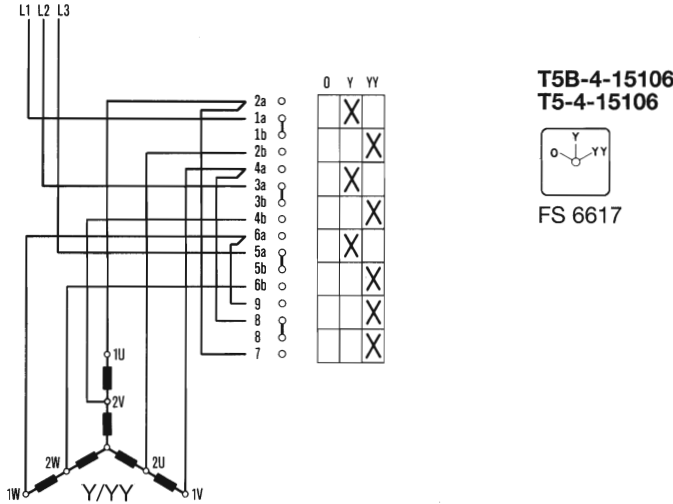
Pole
Poles
Pôles

3



Pole
Poles
Pôles

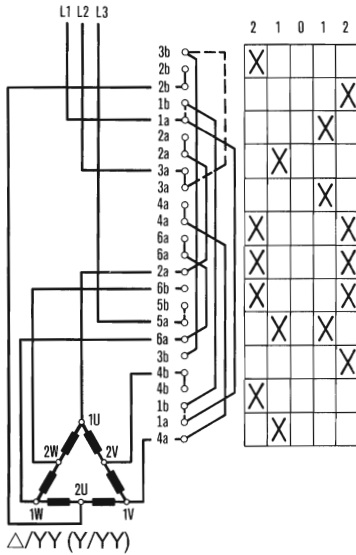
3



* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

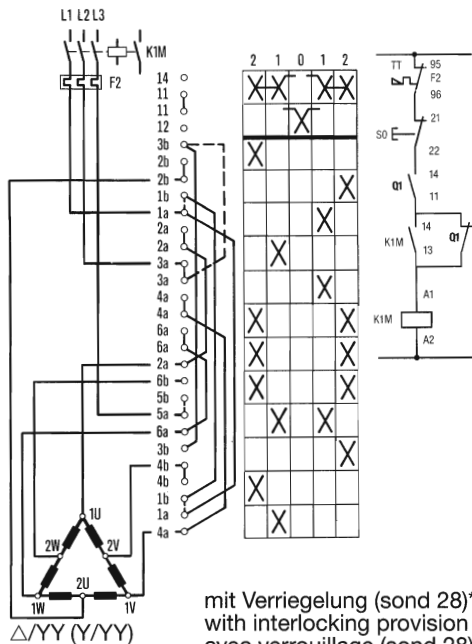
3



T5B-7-66
T5-7-66



FS 441

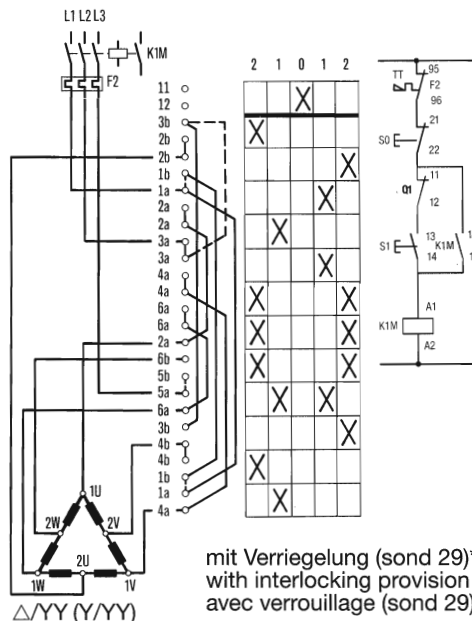


T5B-9-67
T5-9-67



FS 441

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*



T5B-7-68
T5-7-68

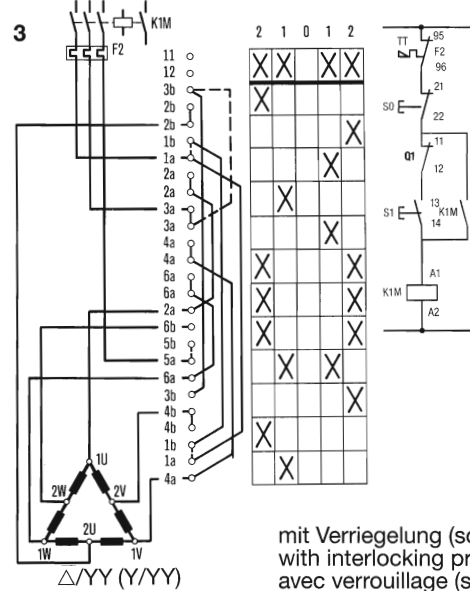


FS 441

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*

Pole
Poles
Pôles

3

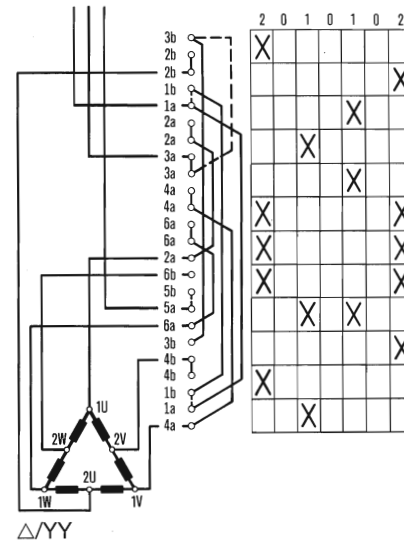


T5B-7-69
T5-7-69



FS 441

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



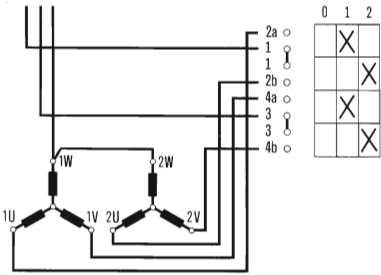
T5B-7-15105
T5-7-15105



FS 4686

Pole
 Poles
 Pôles

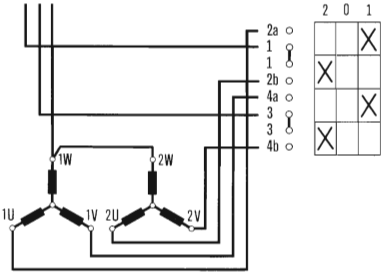
2



T5B-2-35
 T5-2-35



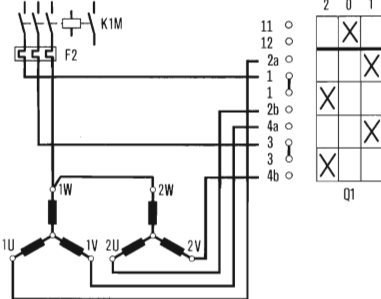
FS 644



T5B-2-37
 T5-2-37



FS 621

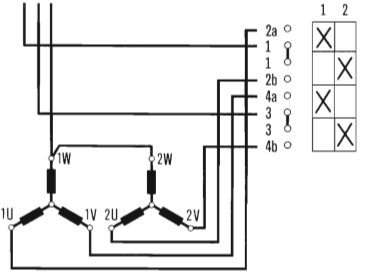


T5B-3-38
 T5-3-38



FS 621

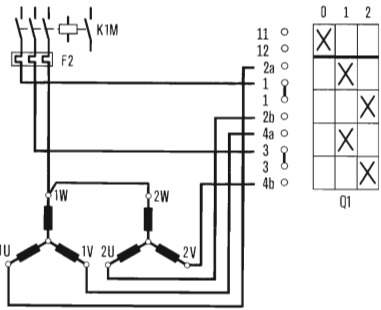
mit Verriegelung (sond 29)*
 with interlocking provision (sond 29)*
 avec verrouillage (sond 29)*



T5B-2-39
 T5-2-39



FS 943



T5B-3-36
 T5-3-36

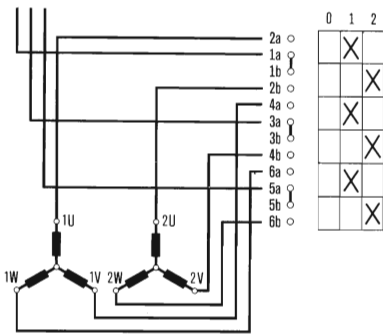


FS 644

mit Verriegelung (sond 29)*
 with interlocking provision (sond 29)*
 avec verrouillage (sond 29)*

Pole
 Poles
 Pôles

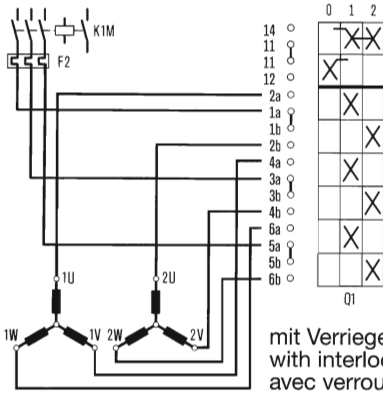
3



T5B-3-6
 T5-3-6



FS 644

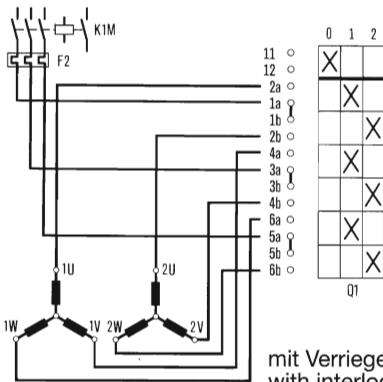


T5B-4-46
 T5-4-46



FS 644

mit Verriegelung (sond 28)*
 with interlocking provision (sond 28)*
 avec verrouillage (sond 28)*

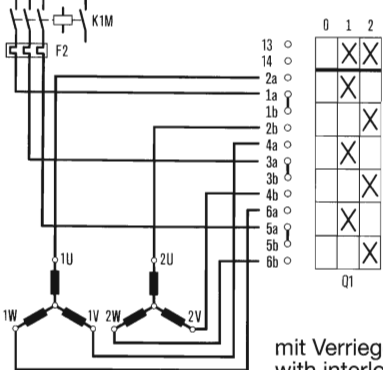


T5B-4-47
 T5-4-47



FS 644

mit Verriegelung (sond 29)*
 with interlocking provision (sond 29)*
 avec verrouillage (sond 29)*



T5B-4-135
 T5-4-135

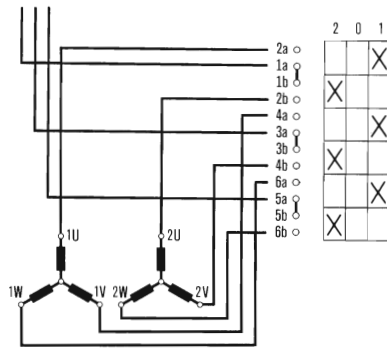


FS 644

mit Verriegelung (sond 30)*
 with interlocking provision (sond 30)*
 avec verrouillage (sond 30)*

Pole
Poles
Pôles

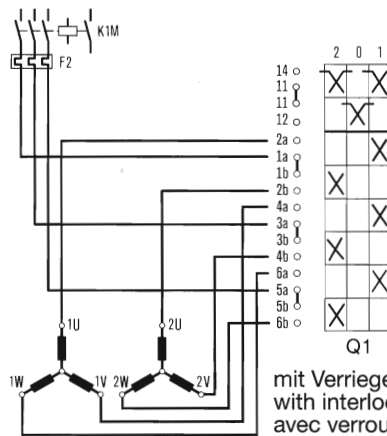
3



T5B-3-7
T5-3-7



FS 621

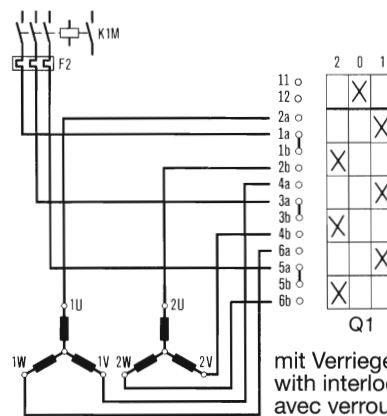


T5B-4-49
T5-4-49



FS 621

mit Verriegelung (sond 28)*
with interlocking provision (sond 28)*
avec verrouillage (sond 28)*

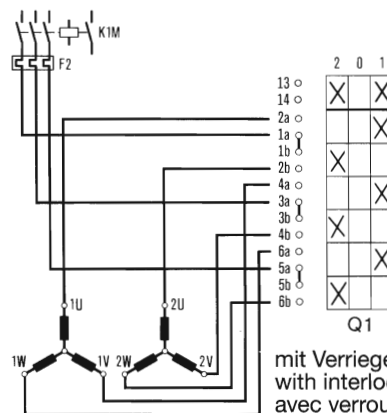


T5B-4-48
T5-4-48



FS 621

mit Verriegelung (sond 29)*
with interlocking provision (sond 29)*
avec verrouillage (sond 29)*



T5B-4-106
T5-4-106

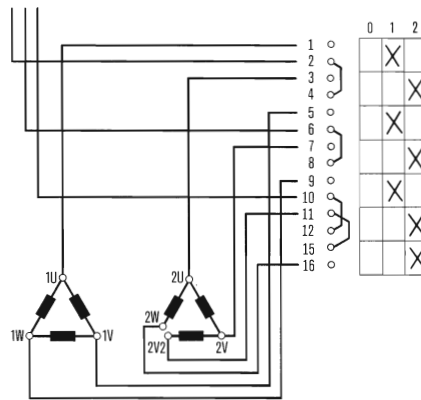


FS 621

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*

Pole
Poles
Pôles

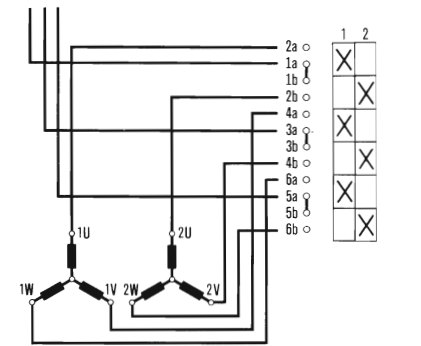
3



T5B-4-8450
T5-4-8450



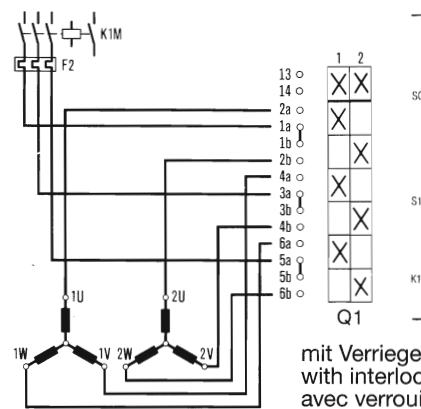
FS 644



T5B-3-50
T5-3-50



FS 943

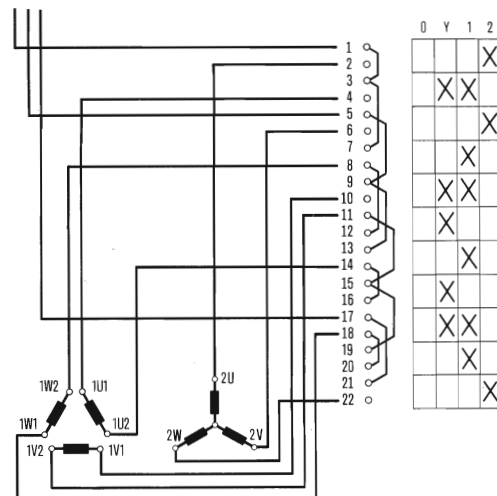


T5B-4-45
T5-4-45



FS 601

mit Verriegelung (sond 30)*
with interlocking provision (sond 30)*
avec verrouillage (sond 30)*



T5B-6-8449
T5-6-8449



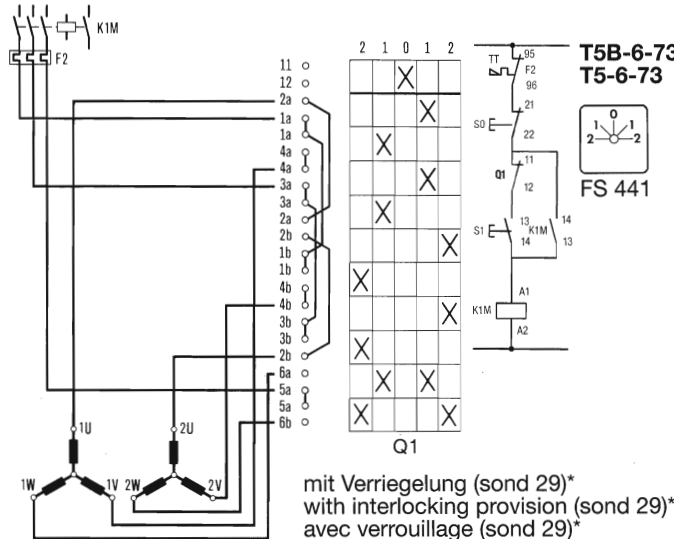
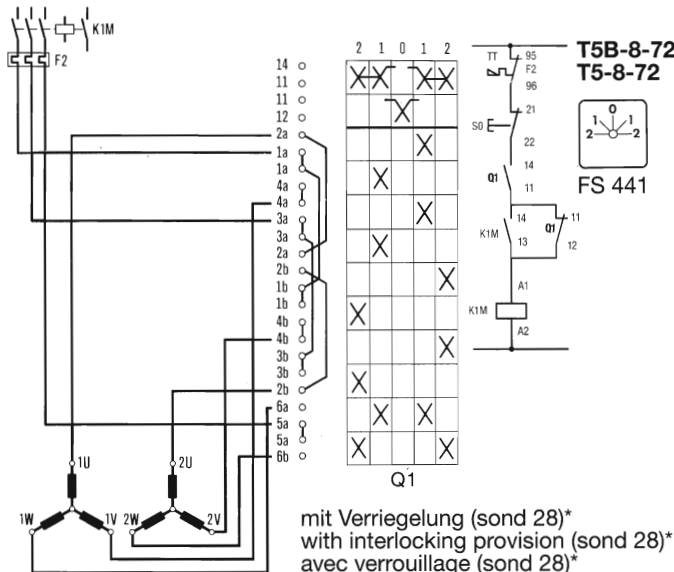
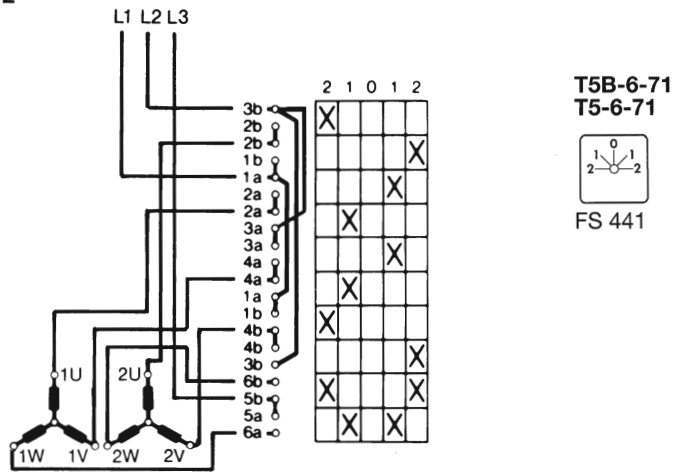
FS 4590

Wende-Polumschalter
2 Drehzahlen, 2 getrennte Wicklungen

Two-speed switches, two separate windings
Commutateurs de pôles, 2 vitesses, 2 enroulements séparés

Pole
Poles
Pôles

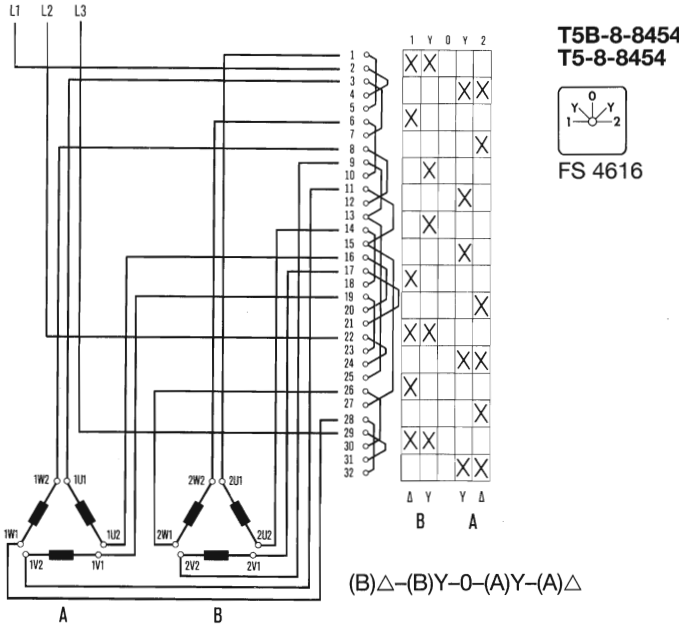
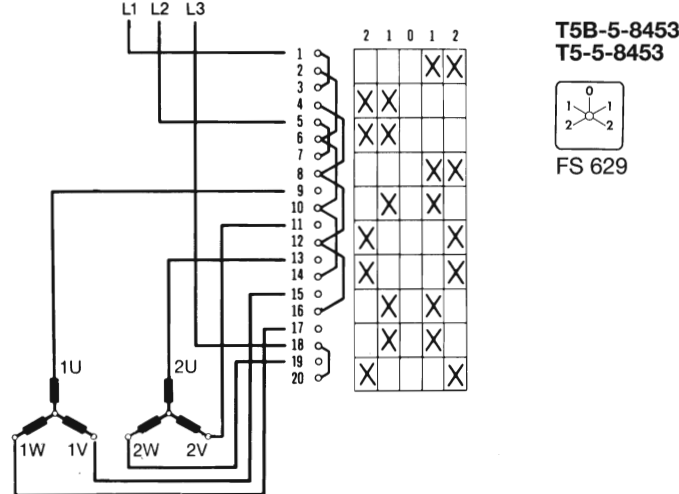
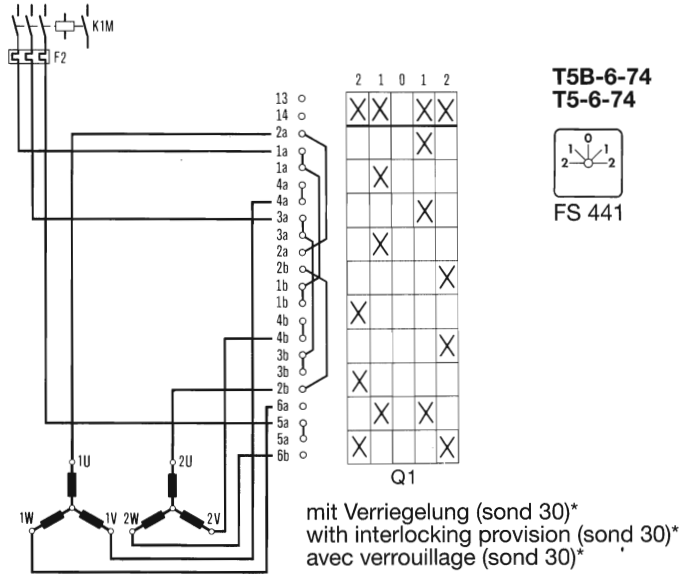
2



* Seite/Page 3/66 & AWA

Pole
Poles
Pôles

3

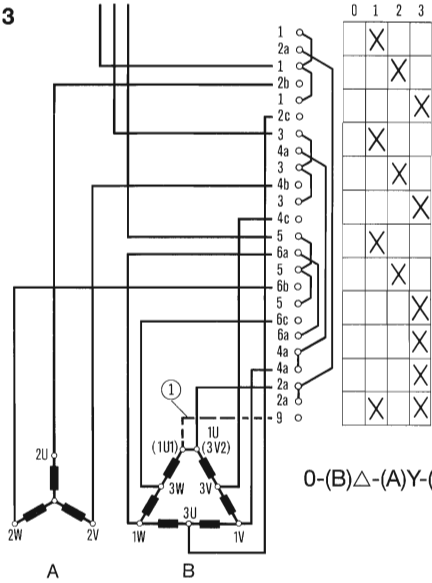


Polumschalter

3 Drehzahlen, 2 getrennte Wicklungen
Einfache Wicklung bei Drehzahl II

Three-speed switches, two separate windings/Single winding at speed II
Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/enroulement simple en vitesse II

Pole
Poles
Pôles

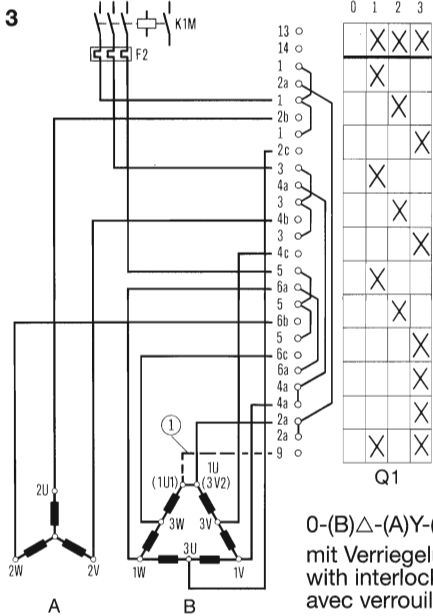


T5B-6-158
T5-6-158



FS 420

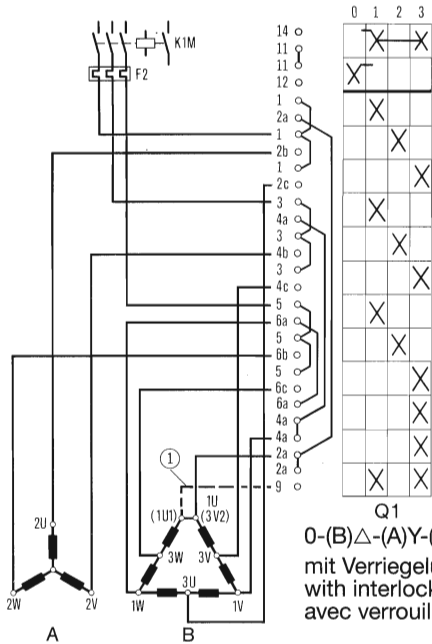
Pole
Poles
Pôles



T5B-7-132
T5-7-132



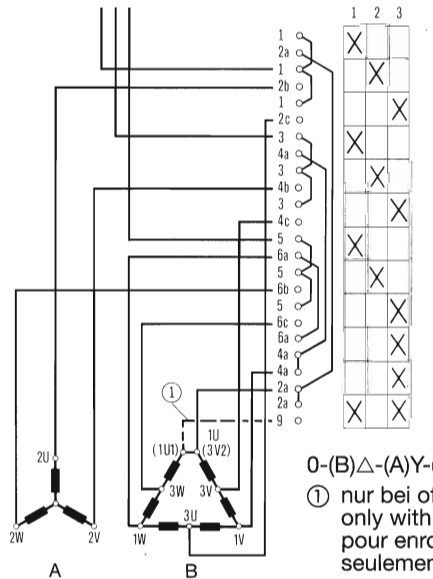
FS 420



T5B-7-188
T5-7-188



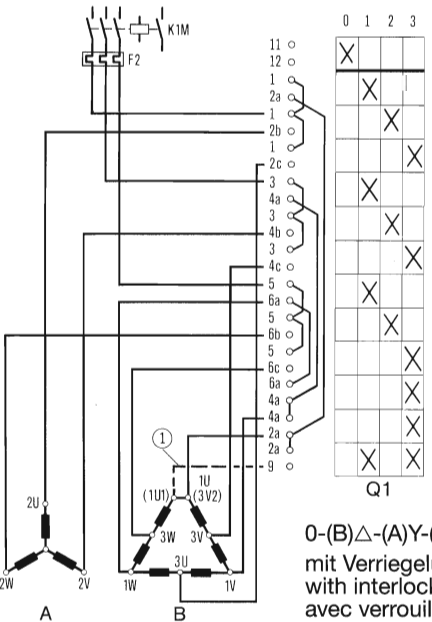
FS 420



T5B-6-160
T5-6-160



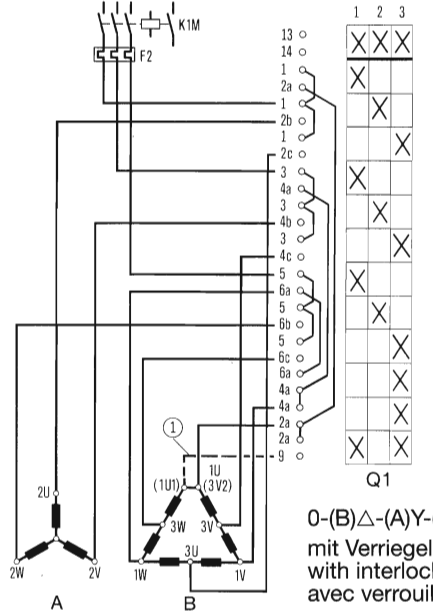
FS 403



T5B-7-159
T5-7-159



FS 420



T5B-7-161
T5-7-161



FS 403

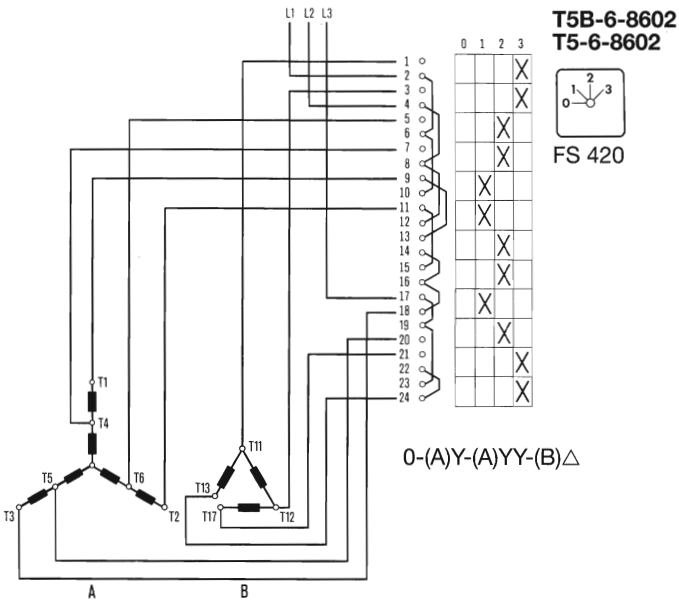
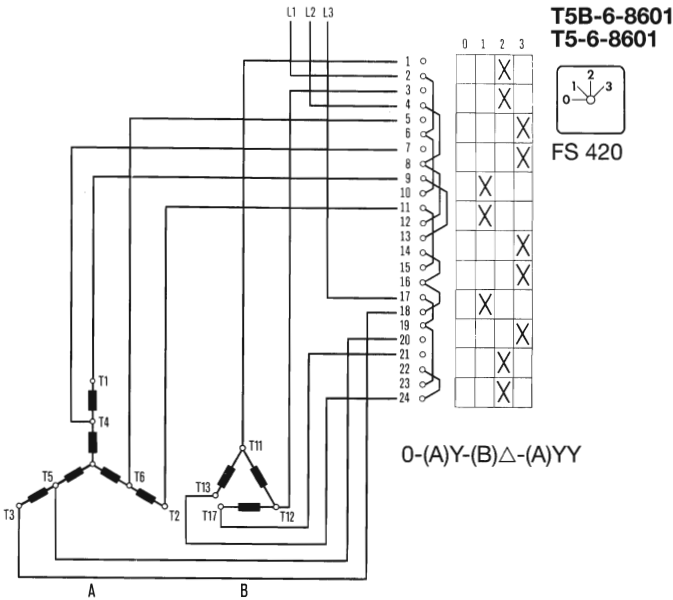
* Seite/Page 3/66 & AWA

Polumschalter
3 Drehzahlen, 2 getrennte Wicklungen
Für Antriebe mit gleitendem Drehmoment

Three-speed switches, two separate windings/For drive motors with variable torque
Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/Pour moteurs d'entraînement à couple constant

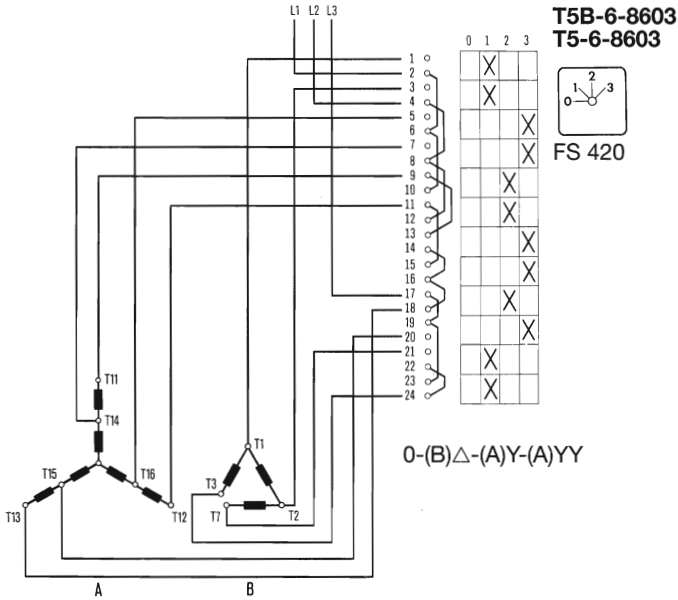
Pole
Poles
Pôles

3



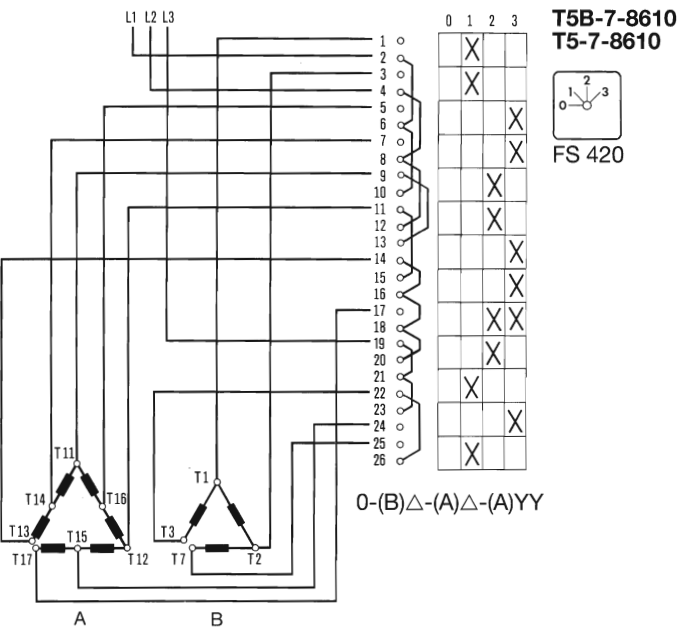
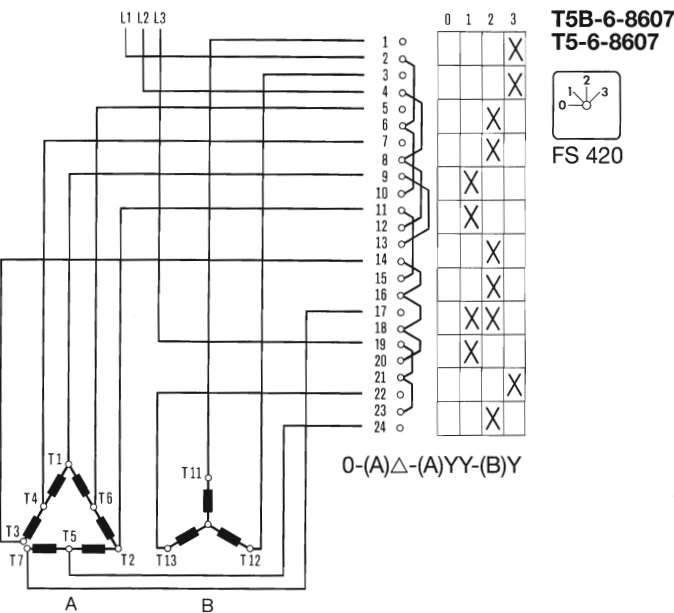
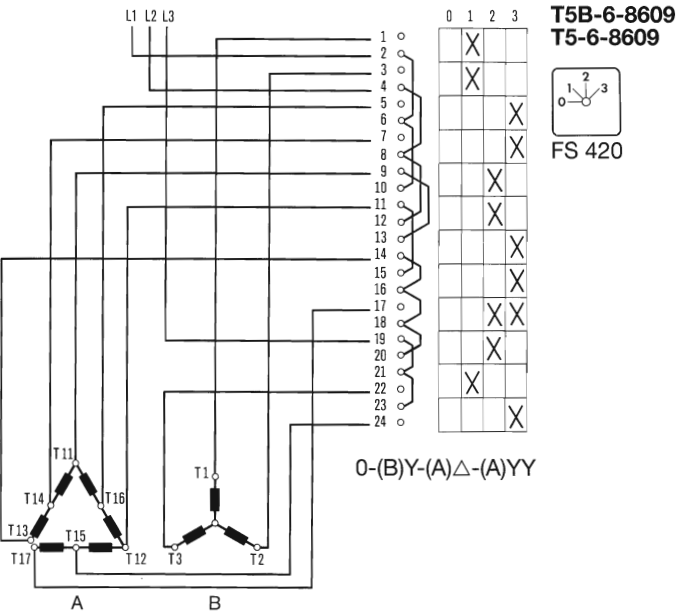
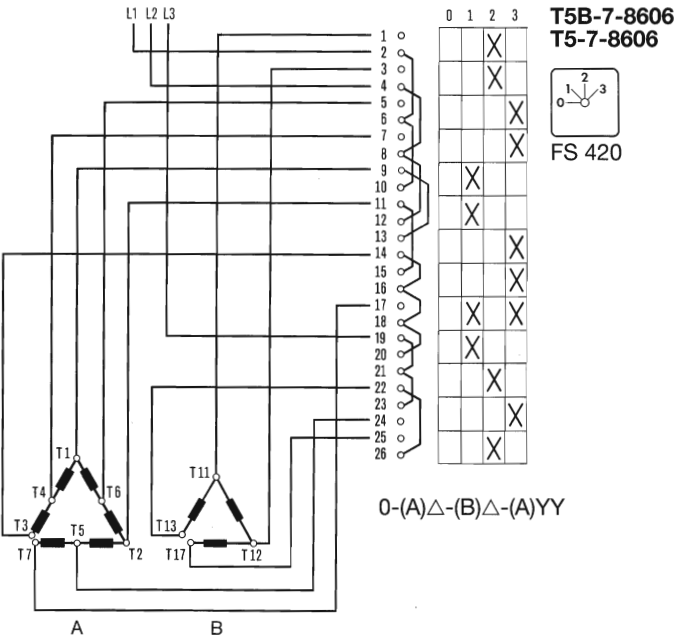
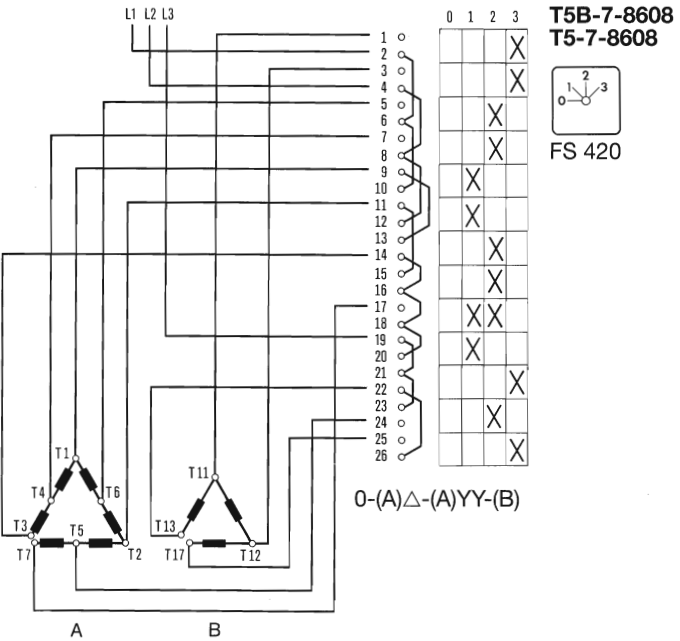
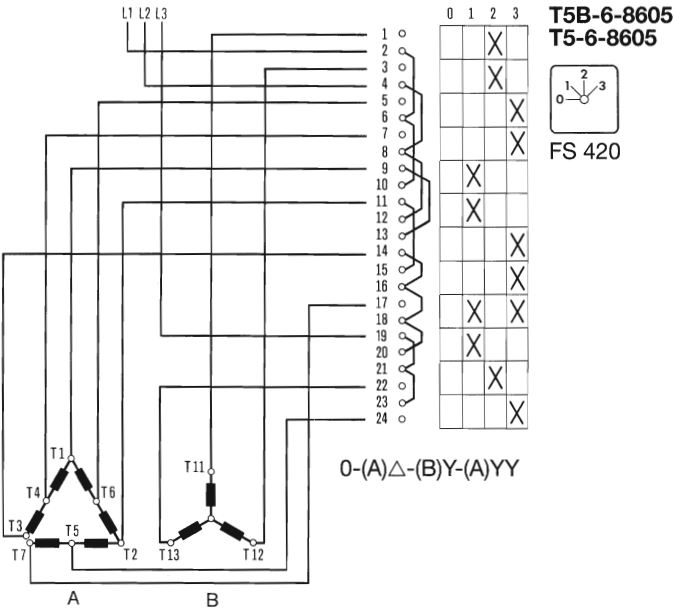
Pole
Poles
Pôles

3



Three-speed switches, two separate windings/For drive motors with constant torque
Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/Pour moteurs
d'entraînement à couple constant

Polumschalter
3 Drehzahlen, 2 getrennte Wicklungen
Für Antriebe mit konstantem Drehmoment

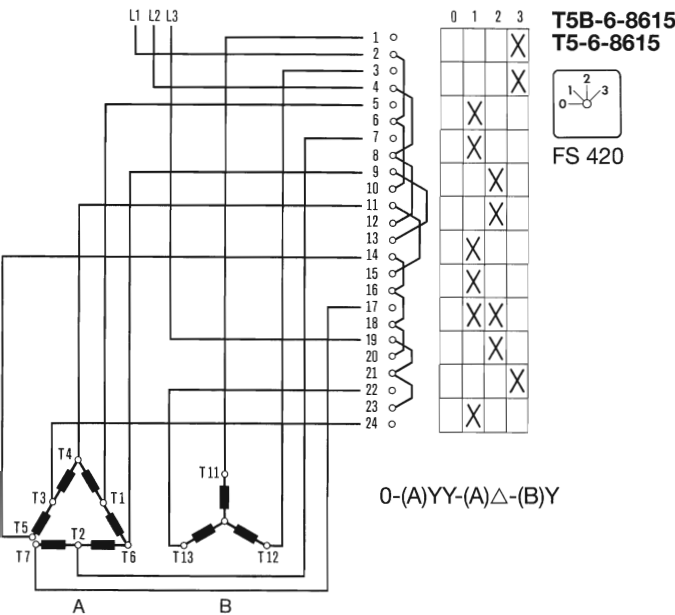
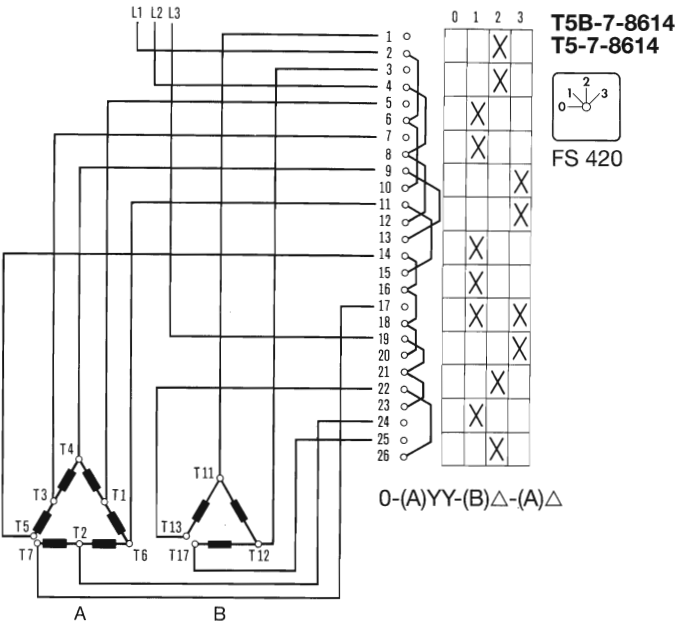
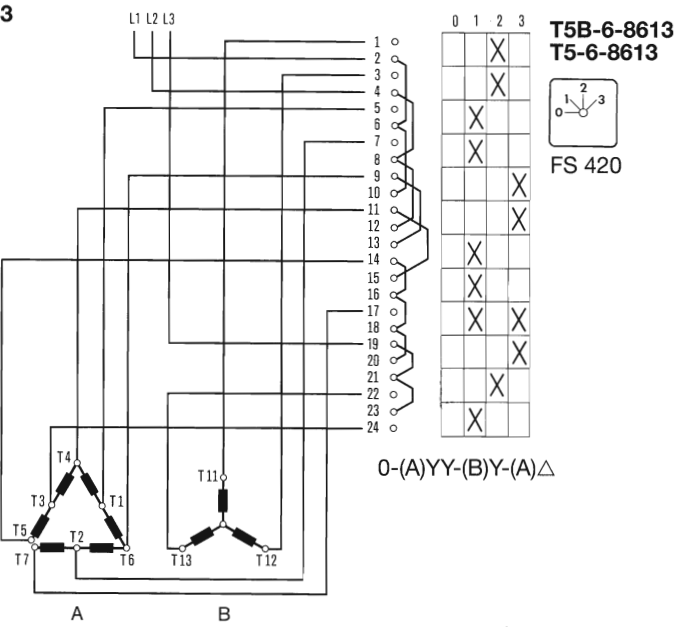


Polumschalter
3 Drehzahlen, 2 getrennte Wicklungen
Für Antriebe mit konstanter Leistung

Three-speed switches, two separate windings/For drive motors with constant output
Commutateurs de pôles, 3 vitesses, 2 enroulements séparés/Pour moteurs
d'entraînement à puissance constante

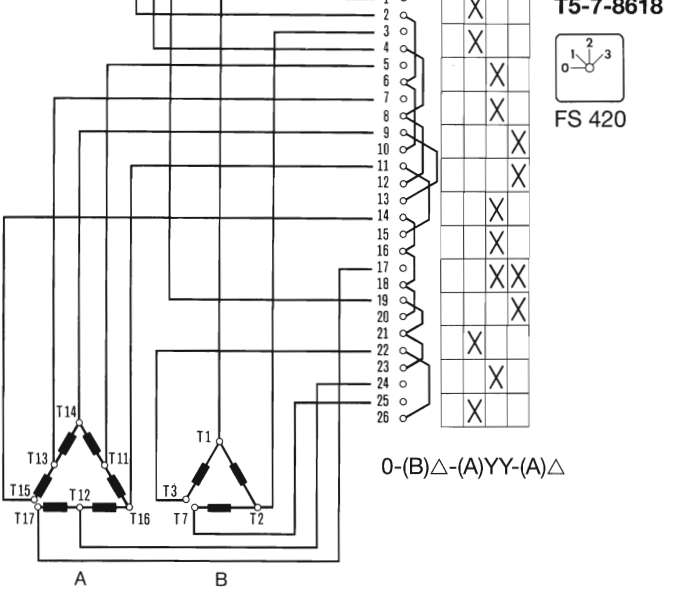
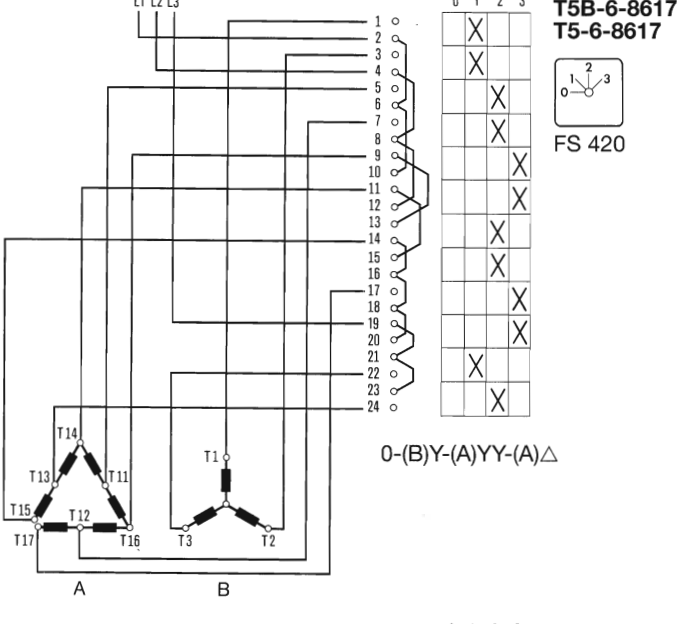
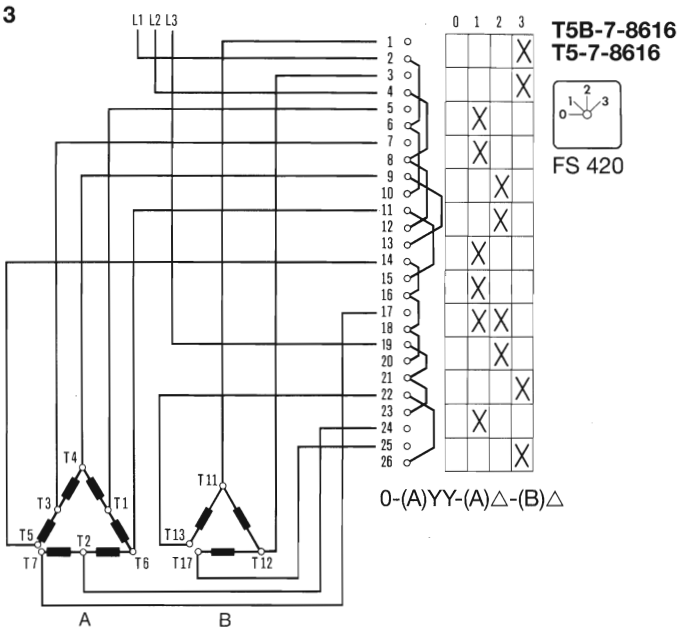
Pole
Poles
Pôles

3



Pole
Poles
Pôles

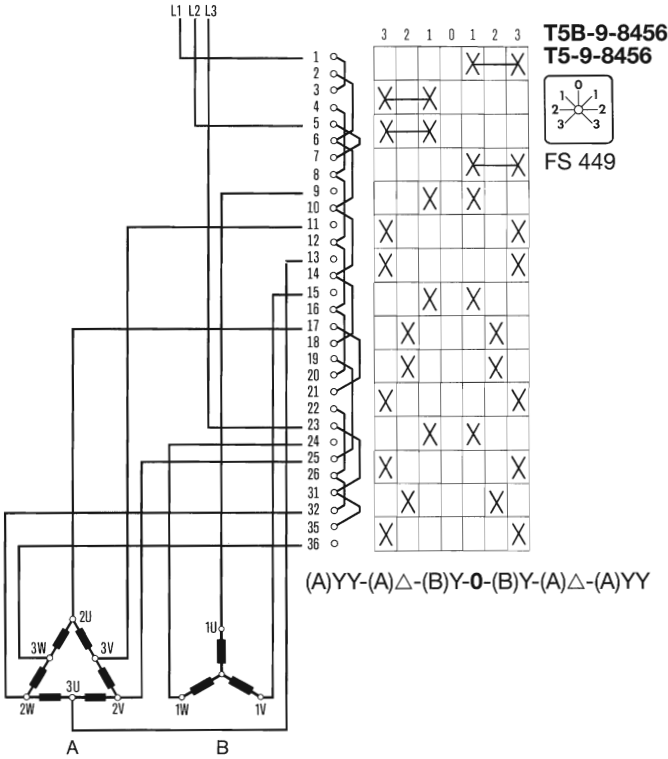
3



Einfache Wicklung bei Drehzahl I
Single winding at speed I
enroulement simple en vitesse I

Pole
Poles
Pôles

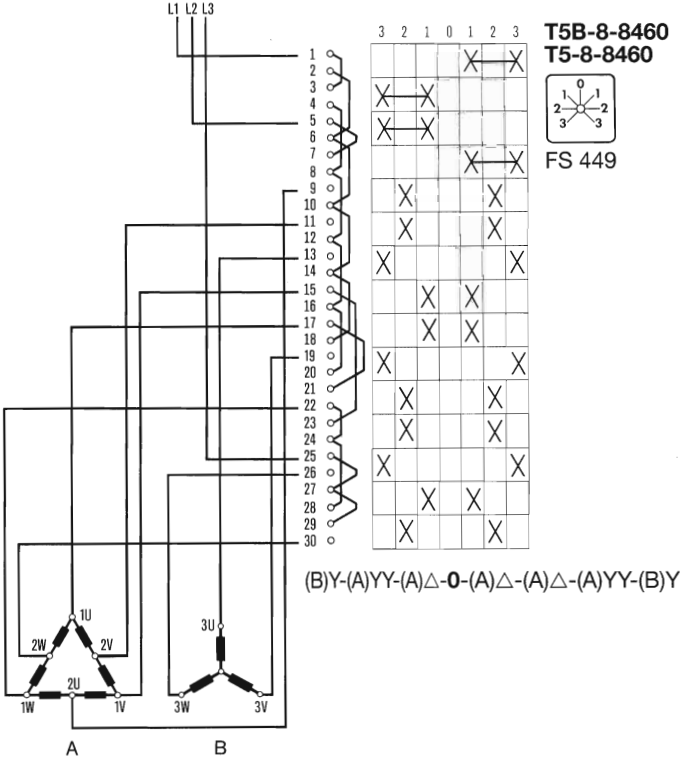
3



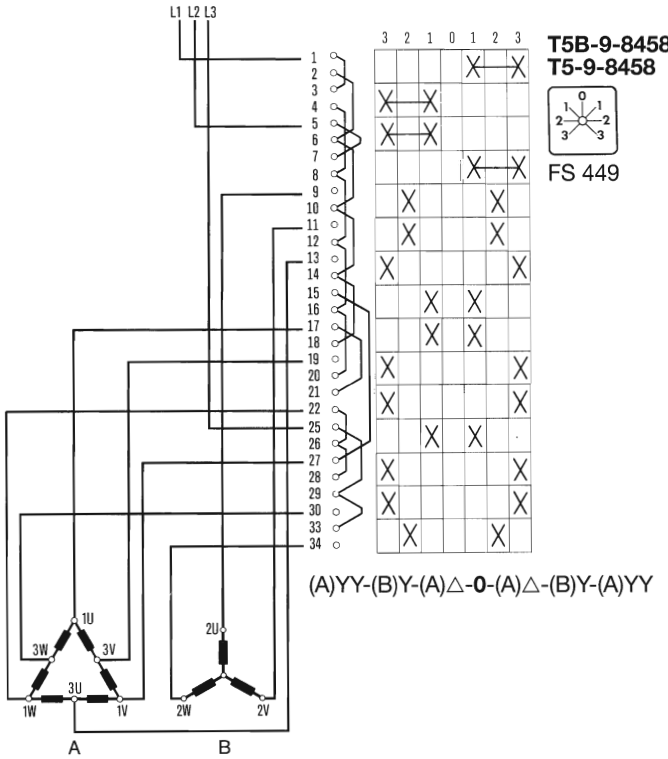
Einfache Wicklung bei Drehzahl III
Single winding at speed III
enroulement simple en vitesse III

Pole
Poles
Pôles

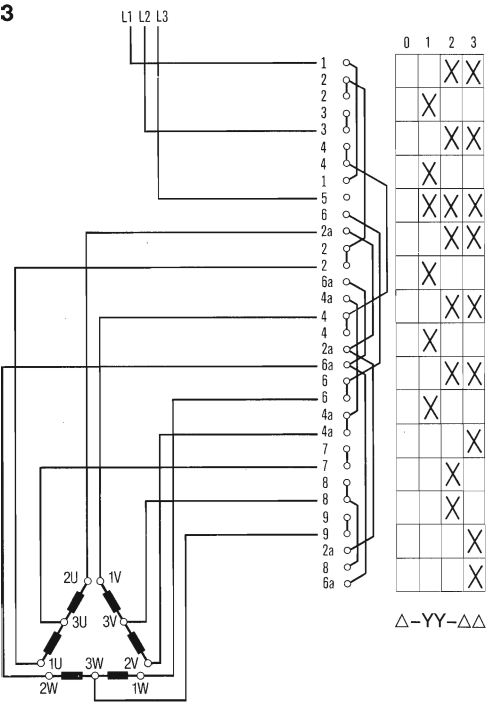
3



Einfache Wicklung bei Drehzahl II
Single winding at speed II
enroulement simple en vitesse II



Pole
 Poles
 Pôles



mit
 „0“-Stellung
 with
 „0“ position
 avec
 position «0»

T5B-8-15100
T5-8-15100

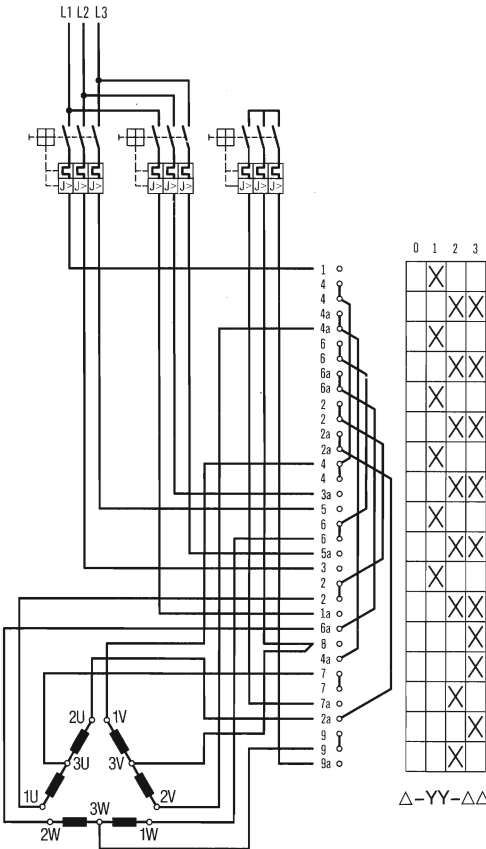


FS 420

T5B-8-15102
T5-8-15102

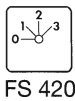


FS 404



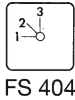
mit
 „0“-Stellung
 with
 „0“ position
 avec
 position «0»

TB5-9-15101
T5-9-15101



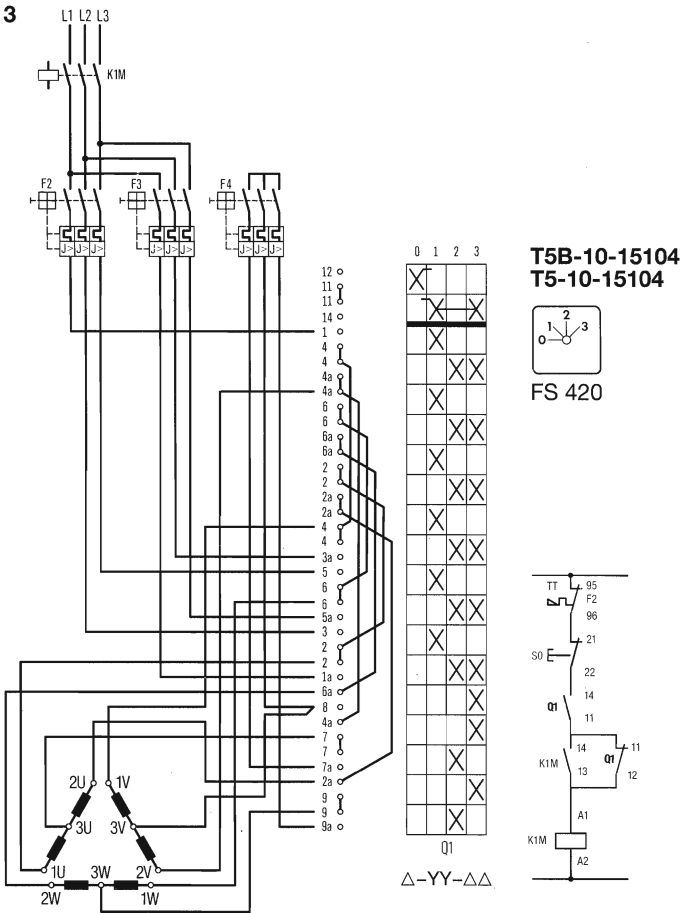
FS 420

T5B-10-15103
T5-10-15103



FS 404

Pole
 Poles
 Pôles



T5B-10-15104
T5-10-15104



FS 420

mit Verriegelung (sond 28)*
 with interlocking provision (sond 28)*
 avec verrouillage (sond 28)*

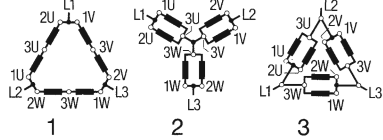
Gegenüberstellung der Anschlußbezeichnungen
Comparative Chart of Terminal Markings
Tableaux de correspondance des repérages de bornes

Nach DIN 42 400 (neu):
 according to
 DIN 42 400 (new):
 selon DIN 42 400 (nouveau):

Polumschalter
 3 Drehzahlen, 1 Drehrichtung,
 1 Wicklung

Three-speed switches
 non reversing, one winding

Commutateurs de pôles
 3 vitesses, 1 sens de marche,
 1 enroulement



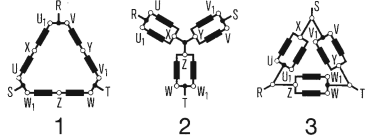
Drehzahl, speed, vitesse:

nach VDE (alt):
 according to VDE (old):
 selon VDE (ancien):

Polumschalter
 3 Drehzahlen, 1 Drehrichtung,
 1 Wicklung

Three-speed switches
 non reversing, one winding

Commutateurs de pôles
 3 vitesses, 1 sens de marche,
 1 enroulement



Drehzahl, speed, vitesse:

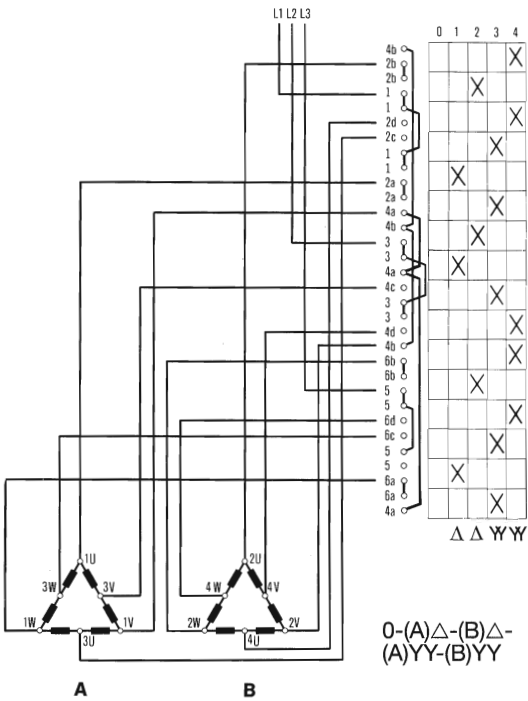
Pole
Poles
Pôles

3

mit „0“-Stellung
Beim Schalten einer
Wicklung bleibt die andere
geschlossen

with „0“ position
When one winding is brought
in, the other one remains
closed

avec position «0»
Lors de l'enclenchement d'un
enroulement, l'autre reste
fermé



T5B-10-137
T5-10-137



FS 421

ohne
„0“-Stellung
without
„0“ position
sans
position «0»

T5B-8-184
T5-8-184

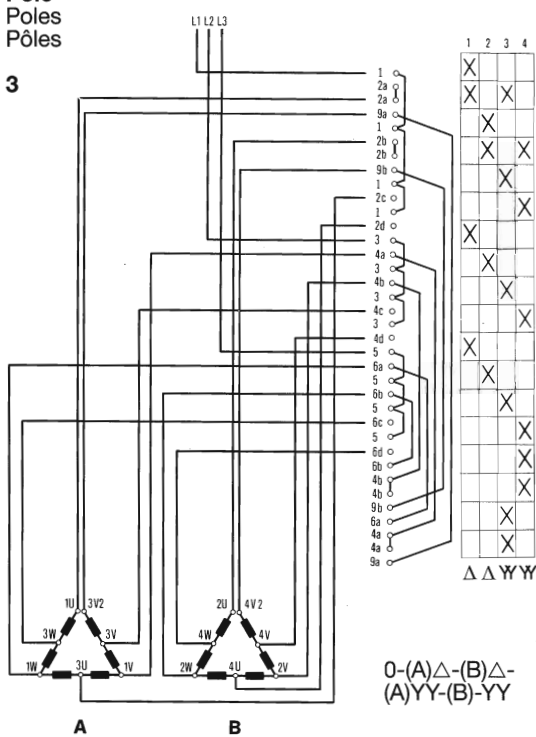


FS 405

0-(A)Δ-(B)Δ-
(A)YY-(B)YY

Pole
Poles
Pôles

3



ohne
„0“-Stellung
without
„0“ position
sans
position «0»

TB5-10-186
T5-10-186

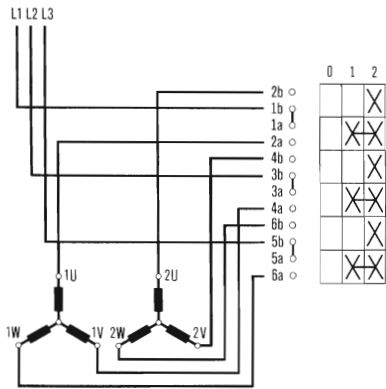


FS 405

0-(A)Δ-(B)Δ-
(A)YY-(B)YY

Pole
Poles
Pôles

3

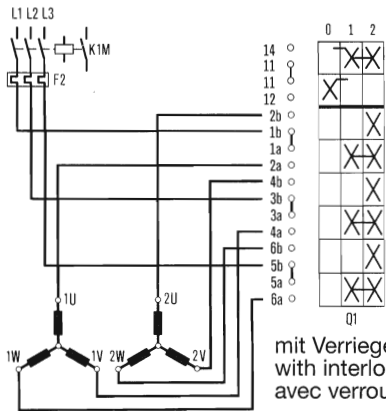


	0	1	2
2b			X
1b			X
1a		X	X
2a		X	X
4b			X
3b			X
3a		X	X
4a		X	X
6b			X
5b			X
5a		X	X
6a		X	X

T5B-3-80
T5-3-80



FS 644



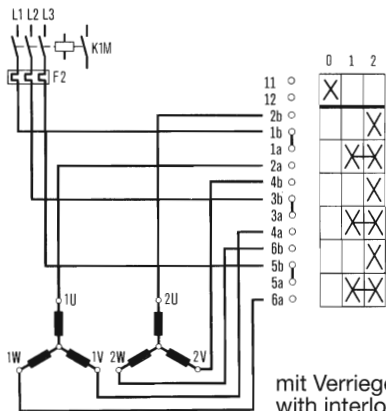
	0	1	2
14			X
11			X
12		X	
2b			X
1b			X
1a		X	X
2a		X	X
4b			X
3b			X
3a		X	X
4a		X	X
6b			X
5b			X
5a		X	X
6a		X	X

T5B-4-81
T5-4-81



FS 644

mit Verriegelung (sond 28)*
with interlocking-provision (sond 28)
avec verrouillage (sond 28)



	0	1	2
11		X	
12			X
2b			X
1b			X
1a		X	X
2a		X	X
4b			X
3b			X
3a		X	X
4a		X	X
6b			X
5b			X
5a		X	X
6a		X	X

T5B-4-82
T5-4-82

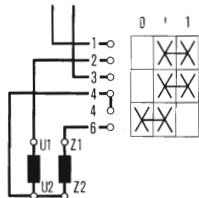


FS 644

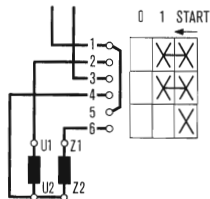
mit Verriegelung (sond 29)*
with interlocking-provision (sond 29)
avec verrouillage (sond 29)

Pole
Poles
Pôles

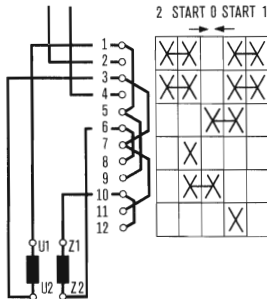
2



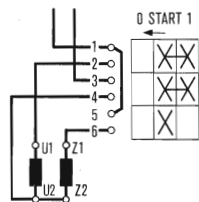
T5B-2-76
T5-2-76



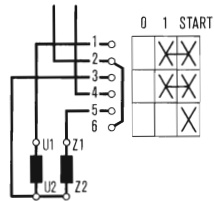
T5B-2-8425
T5-2-8425



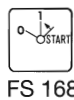
T5B-3-8426
T5-3-8426



T5B-2-15120
T5-2-15120

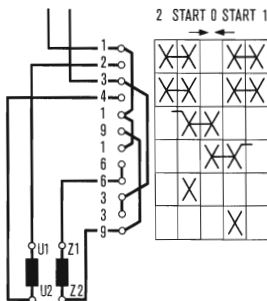


T5B-2-15121
T5-2-15121

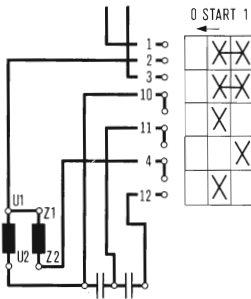


Pole
Poles
Pôles

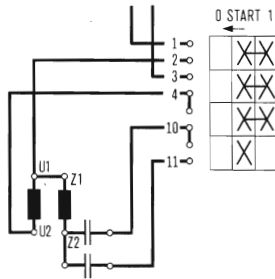
2



T5B-3-15122
T5-3-15122



T5B-3-15124
T5-3-15124



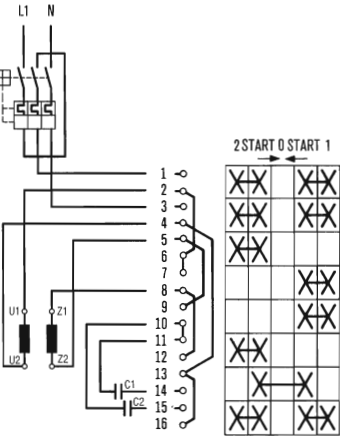
T5B-2-15125
T5-2-15125



Einphasen-Motor-Schalter
mit Anlaufkondensator
mit/ohne Betriebskondensator

Single-phase motor switch
with starting capacitor
with/without running capacitor

Commutateur de moteurs monophasés
avec condensateur de démarrage
avec/sans condensateur de service



T5B-5-15126
T5-5-15126



FS 142074

U1-U2: Hauptwicklung
Main winding
Enroulement principal

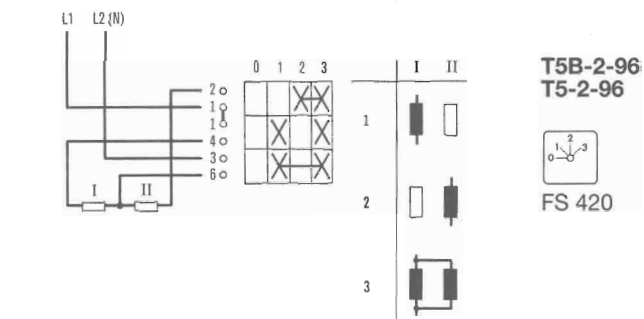
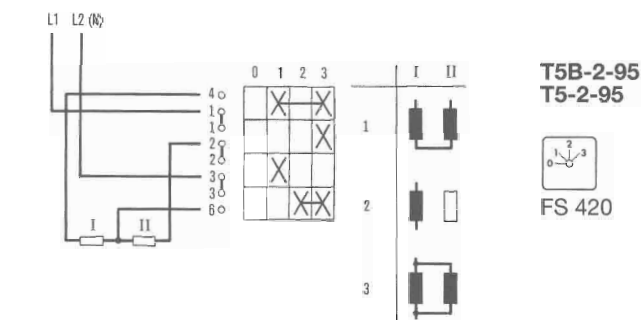
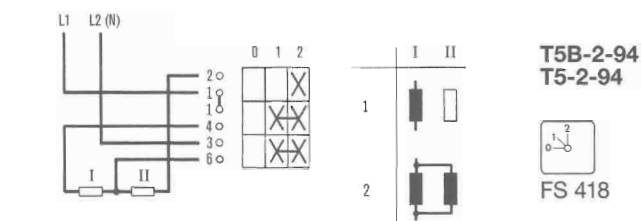
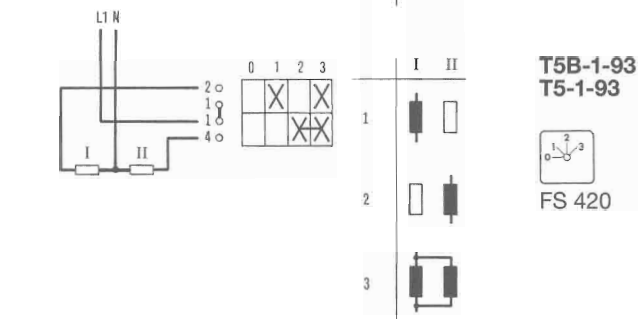
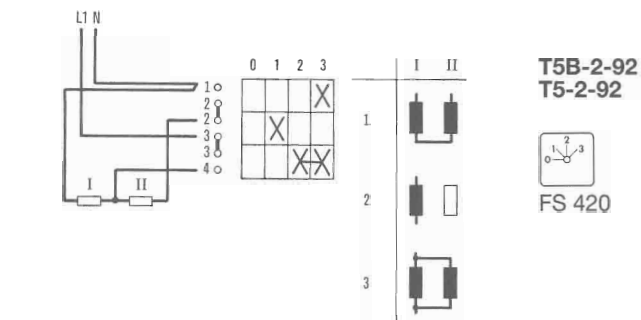
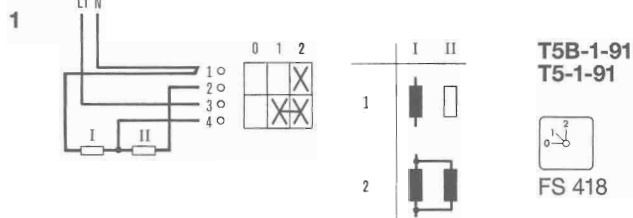
Z1-Z2: Hilfswicklung
Auxiliary winding
Enroulement auxiliaire

C1: Anlaufkondensator
Starting capacitor
Condensateur de démarrage

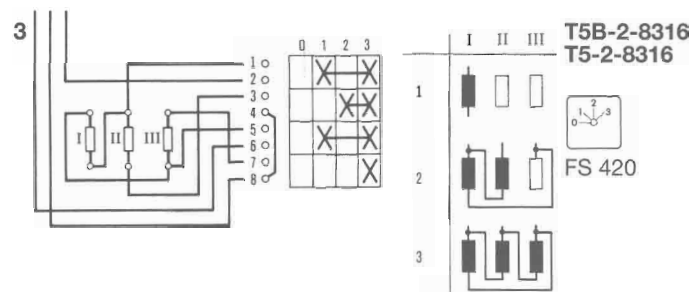
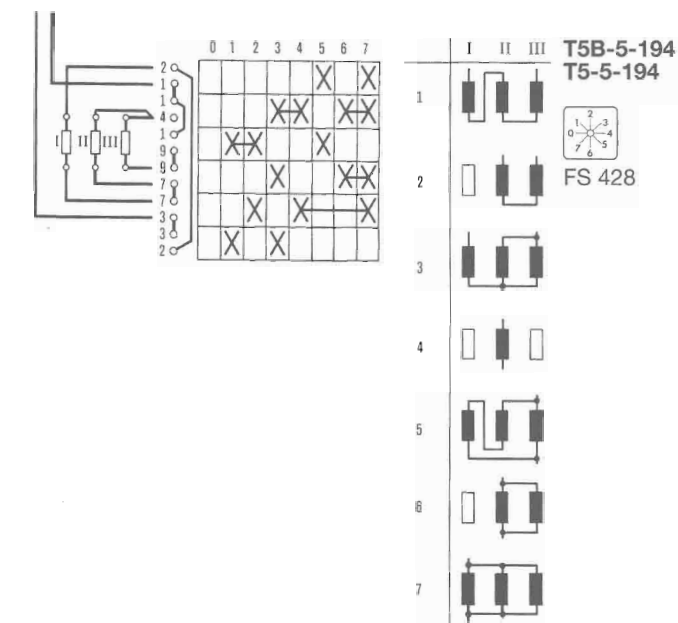
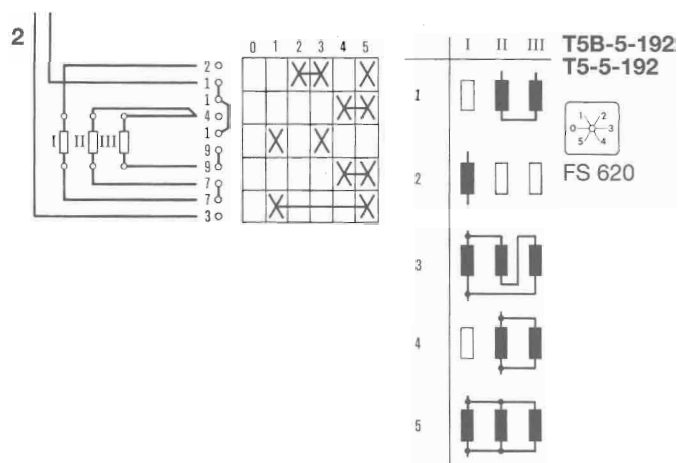
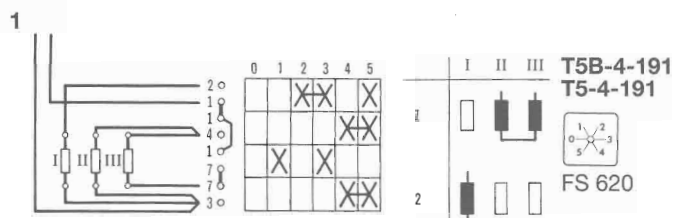
C2: Betriebskondensator
Running capacitor
Condensateur de service

ohne C2: Klemmen 10 + 15 freilassen
without C2: Leave terminals 10 + 15 free
sans C2: bornes 10 + 15 à laisser libre

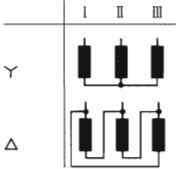
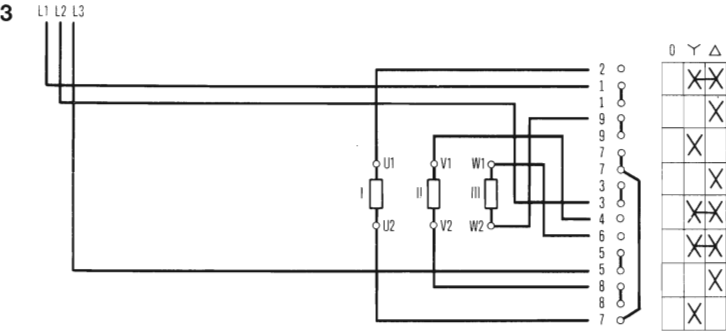
Pole
Poles
Pôles



Pole
Poles
Pôles



Pole
Poles
Pôles



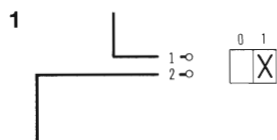
T5B-4-3
T5-4-3

Y

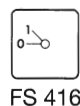
Δ

FS 635

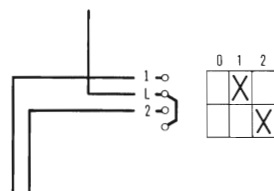
Pole
Poles
Pôles



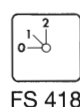
T5B-1-140
T5-1-140



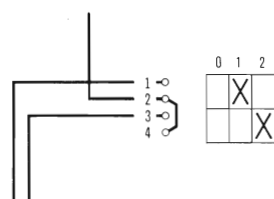
FS 416



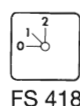
T5B-1-141
T5-1-141



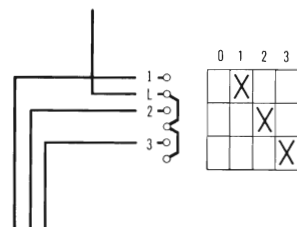
FS 418



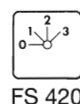
T5B-1-8240
T5-1-8240



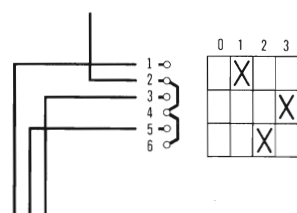
FS 418



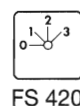
T5B-2-142
T5-2-142



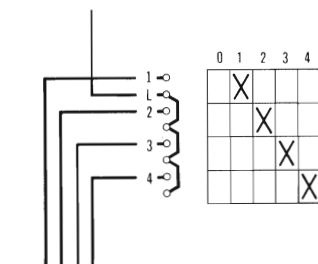
FS 420



T5B-2-8241
T5-2-8241



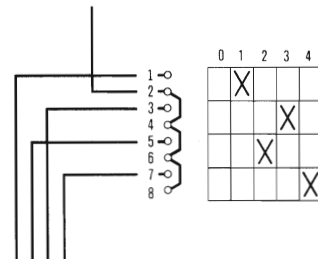
FS 420



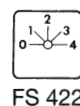
T5B-3-143
T5-3-143



FS 422

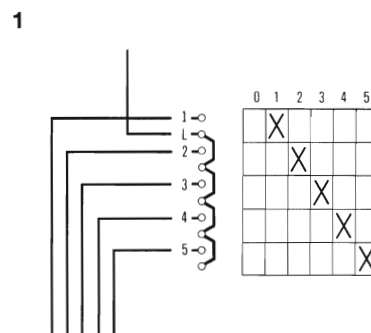


T5B-3-8242
T5-3-8242



FS 422

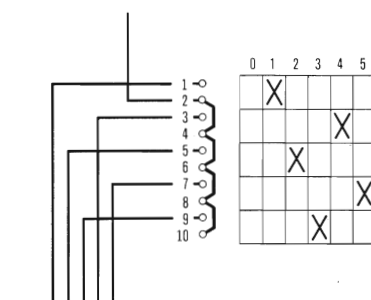
Pole
Poles
Pôles



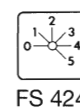
T5B-3-144
T5-3-144



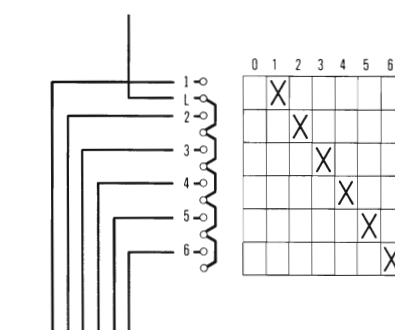
FS 424



T5B-3-8243
T5-3-8243



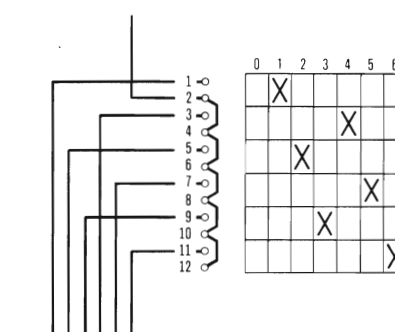
FS 424



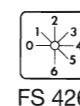
T5B-4-145
T5-4-145



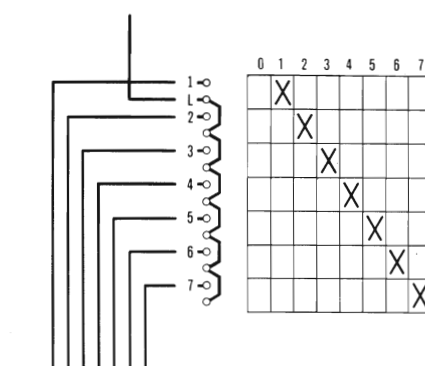
FS 426



T5B-4-8244
T5-4-8244



FS 426



T5B-4-146
T5-4-146



FS 428

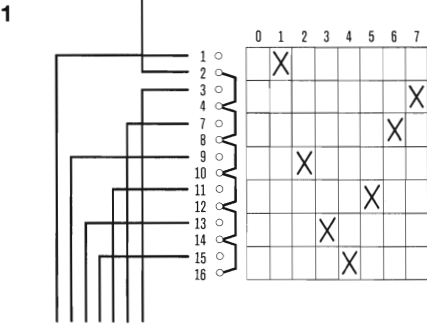
Stufenschalter

Step switches
Commutateurs à gradins

mit Nullstellung
with "OFF" position
avec position zéro

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

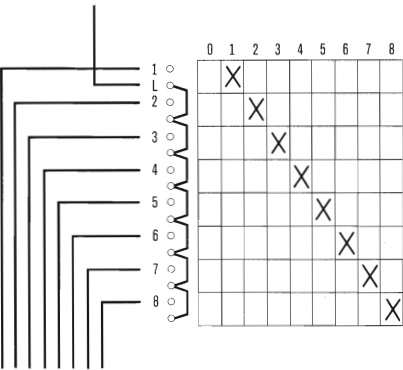
Pole
Poles
Pôles



T5B-4-8245
T5-4-8245



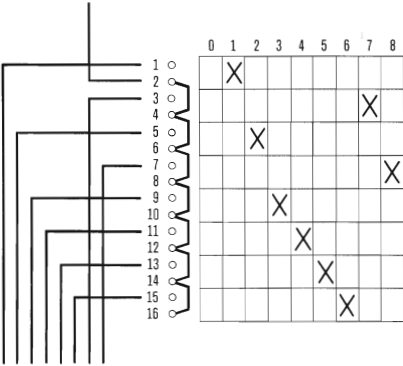
FS 428



T5B-5-15246
T5-5-15246



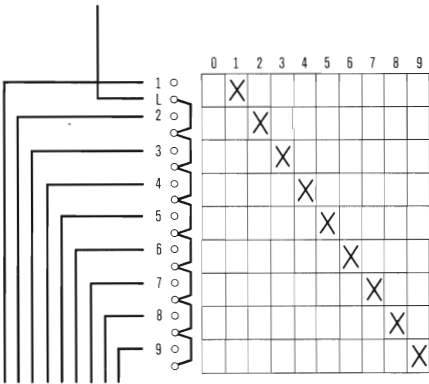
FS 313



T5B-5-8246
T5-5-8246



FS 313

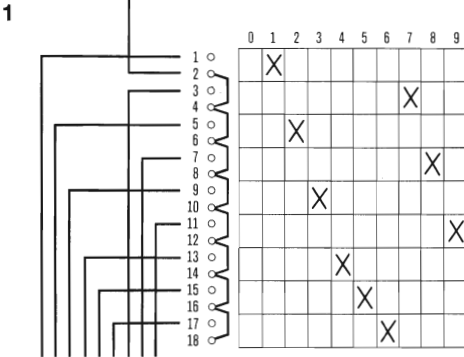


T5B-5-15247
T5-5-15247



FS 312

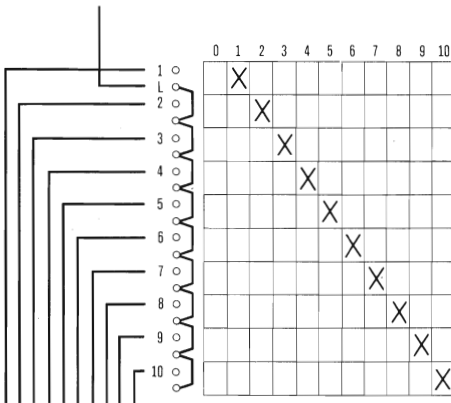
Pole
Poles
Pôles



T5B-5-8247
T5-5-8247



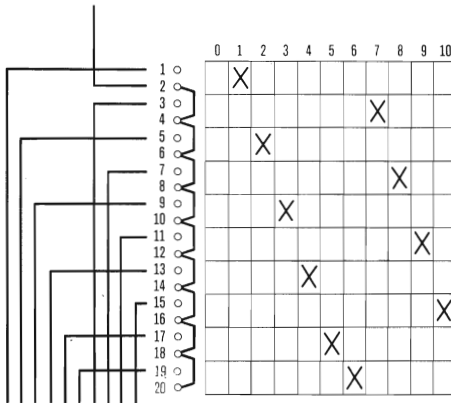
FS 312



T5B-6-15248
T5-6-15248



FS 311



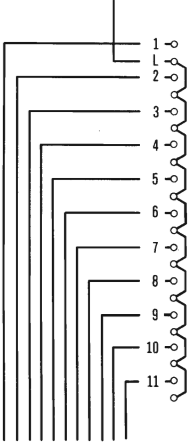
T5B-6-8248
T5-6-8248



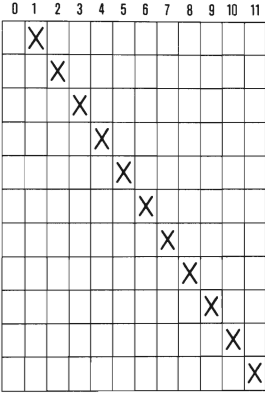
FS 311

Pole
Poles
Pôles

1



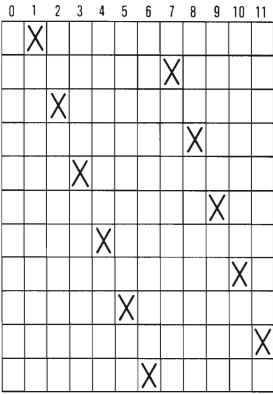
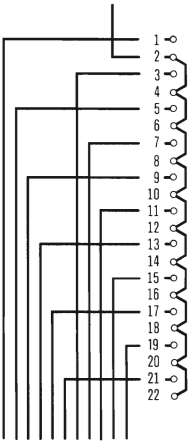
mit Nullstellung
with "OFF" position
avec position zéro



T5B-6-15249
T5-6-15249



FS 310

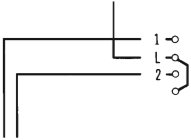


T5B-6-8249
T5-6-8249



FS 310

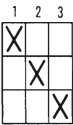
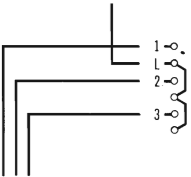
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-1-147
T5-1-147



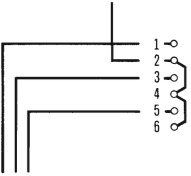
FS 402



T5B-2-148
T5-2-148



FS 404



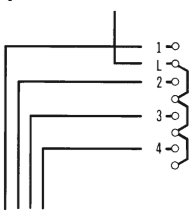
T5B-2-8230
T5-2-8230



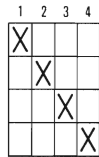
FS 404

Pole
Poles
Pôles

1



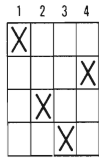
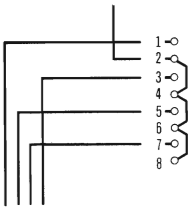
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-2-149
T5-2-149



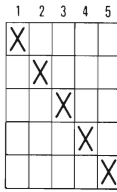
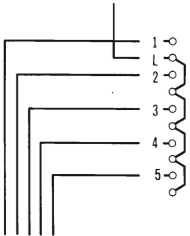
FS 406



T5B-2-8231
T5-2-8231



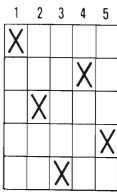
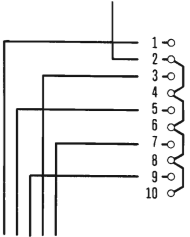
FS 406



T5B-3-150
T5-3-150



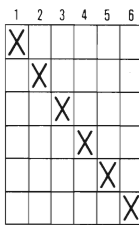
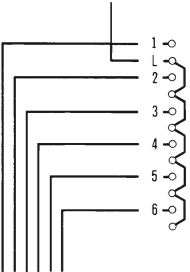
FS 408



T5B-3-8232
T5-3-8232



FS 408



T5B-3-151
T5-3-151



FS 410

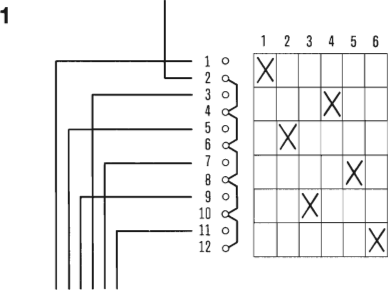
Stufenschalter

Step switches
Commutateurs à gradins

ohne Nullstellung
without "OFF" position
sans position zéro

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

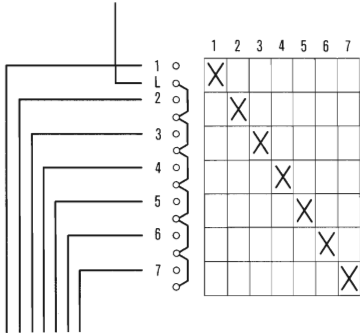
Pole
Poles
Pôles



T5B-3-8233
T5-3-8233



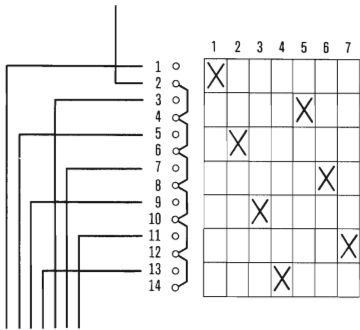
FS 410



T5B-4-152
T5-4-152



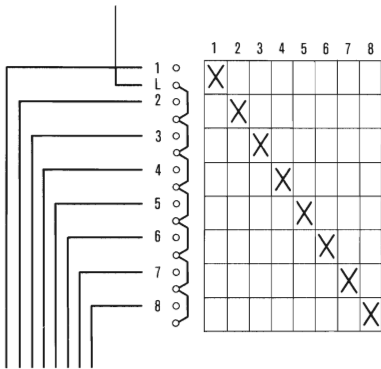
FS 412



T5B-4-8234
T5-4-8234



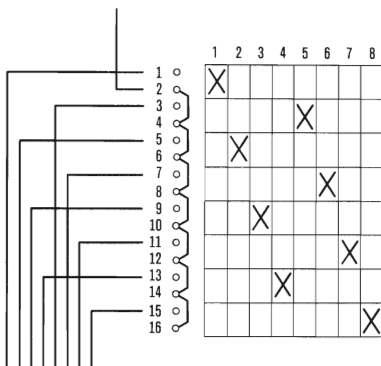
FS 412



T5B-4-153
T5-4-153



FS 414

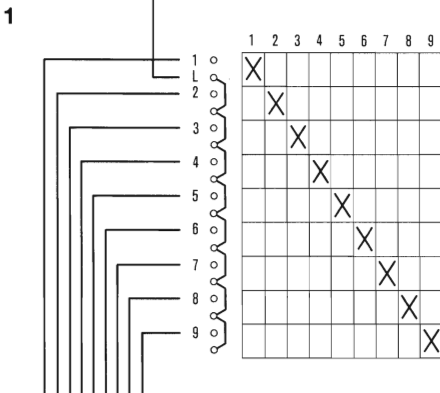


T5B-4-8235
T5-4-8235



FS 414

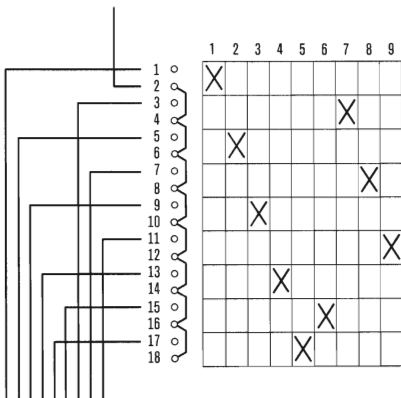
Pole
Poles
Pôles



T5B-5-15250
T5-5-15250



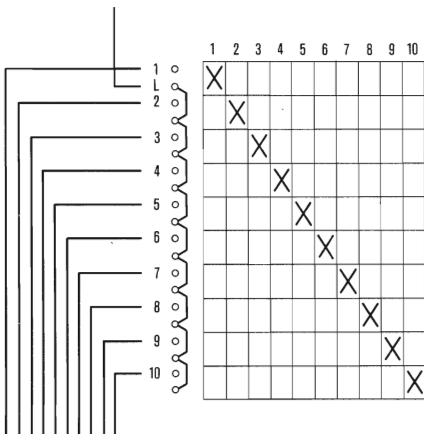
FS 304



T5B-5-8236
T5-5-8236



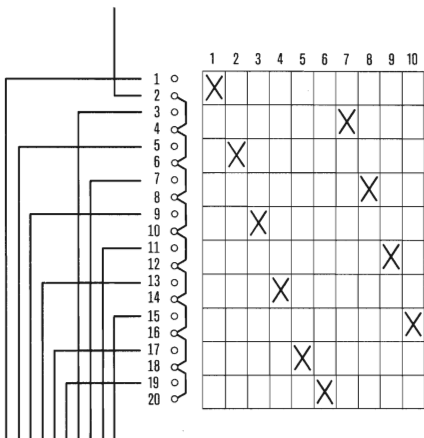
FS 304



T5B-5-15251
T5-5-15251



FS 303



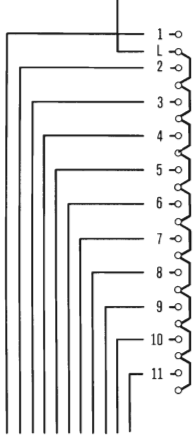
T5B-5-8237
T5-5-8237



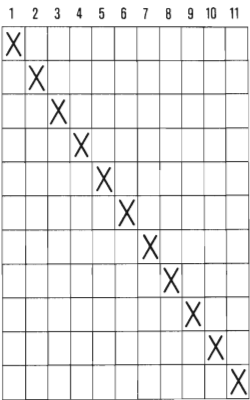
FS 303

Pole
Poles
Pôles

1



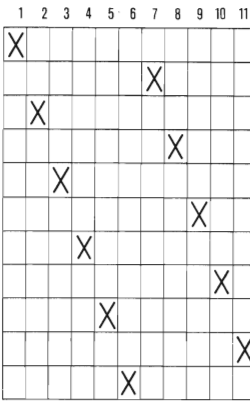
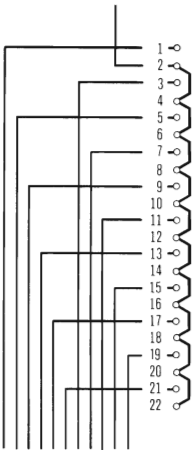
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-6-15252
T5-6-15252



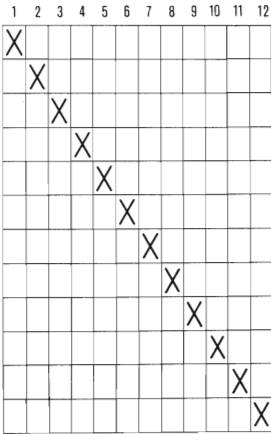
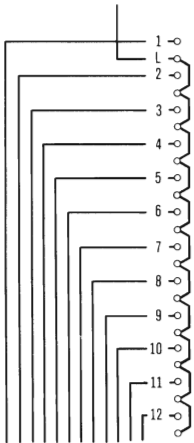
FS 302



T5B-6-8238
T5-6-8238



FS 302

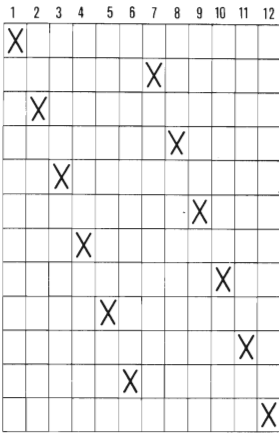
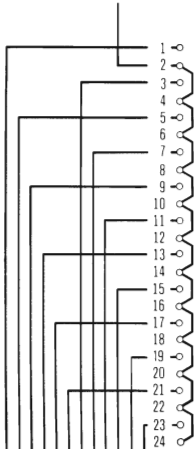


T5B-6-15253
T5-6-15253



FS 301

mit Rund-
schaltung
Complete
rotation
Commutation
sans butée



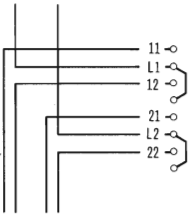
T5B-6-8239
T5-6-8239



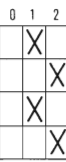
FS 301

Pole
Poles
Pôles

2



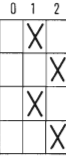
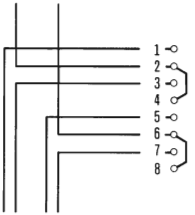
mit Nullstellung
with "OFF" position
avec position zéro



T5B-2-15130
T5-2-15130



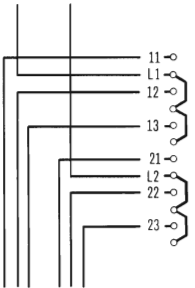
FS 418



T5B-2-8260
T5-2-8260



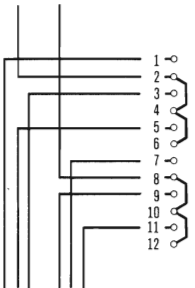
FS 418



T5B-3-15131
T5-3-15131



FS 420



T5B-3-8261
T5-3-8261



FS 420

Stufenschalter

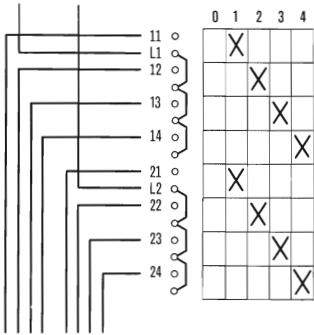
Step switches
Commutateurs à gradins

mit Nullstellung
with "OFF" position
avec position zéro

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Pole
Poles
Pôles

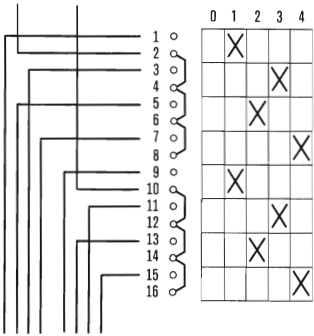
2



T5B-5-15132
T5-5-15132



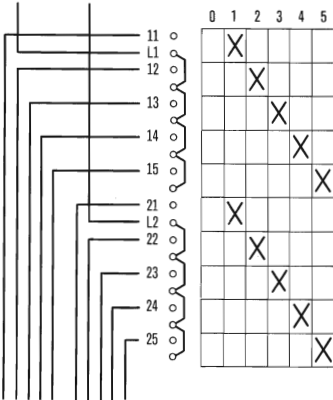
FS 422



T5B-5-8262
T5-5-8262



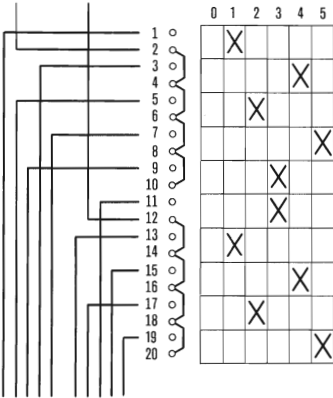
FS 422



T5B-6-15133
T5-6-15133



FS 424



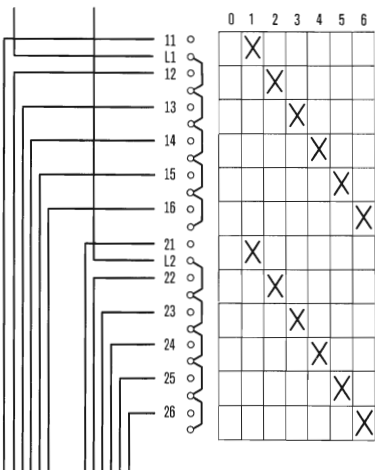
T5B-6-8263
T5-6-8263



FS 424

Pole
Poles
Pôles

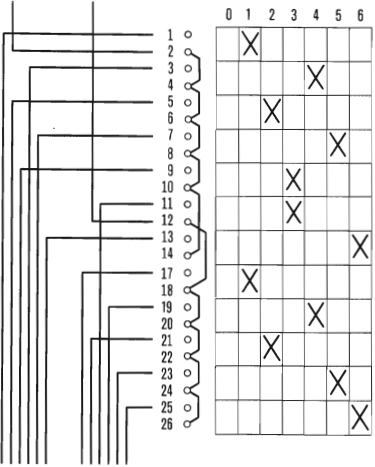
2



T5B-7-15134
T5-7-15134



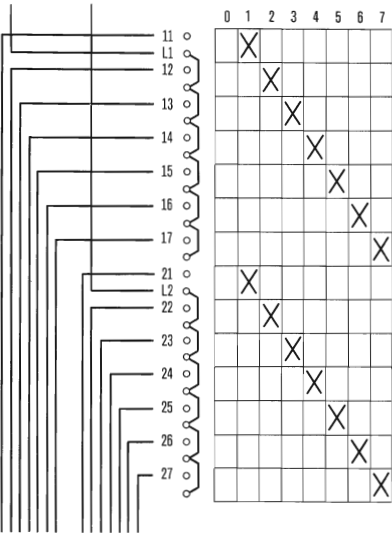
FS 426



T5B-7-8264
T5-7-8264



FS 426



T5B-8-15135
T5-8-15135



FS 428

mit Nullstellung
with "OFF" position
avec position zéro

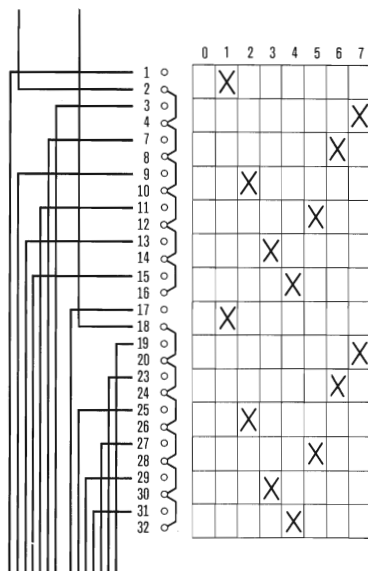
1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Step switches
Commutateurs à gradins

Stufenschalter

Pole
Poles
Pôles

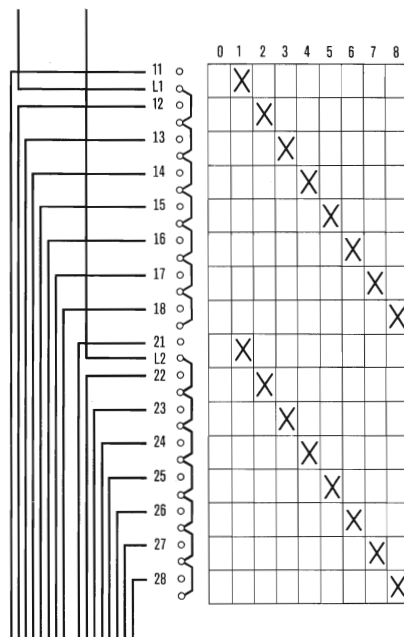
2



T5B-8-8265
T5-8-8265



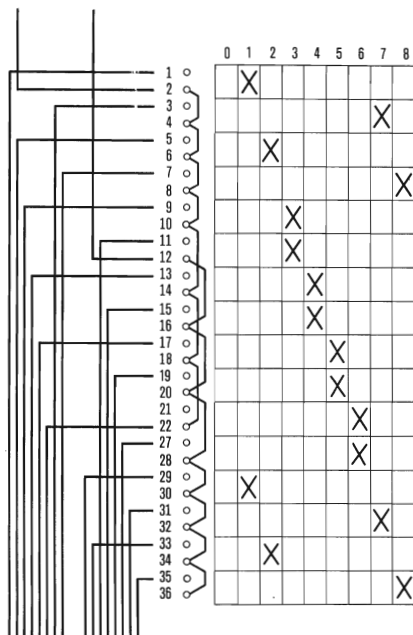
FS 428



T5B-9-15290
T5-9-15290



FS 313



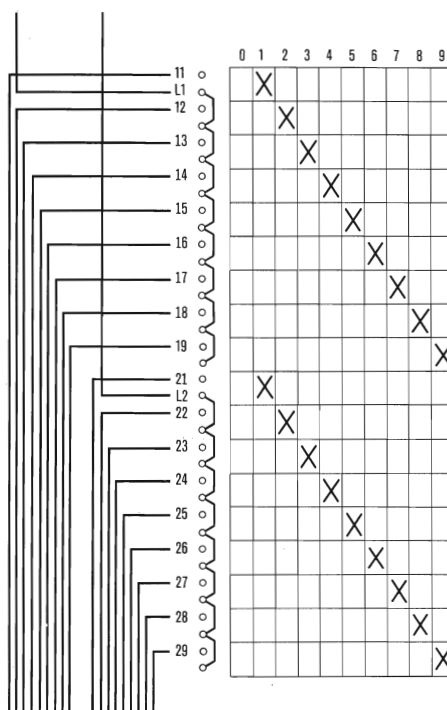
T5B-9-8266
T5-9-8266



FS 313

Pole
Poles
Pôles

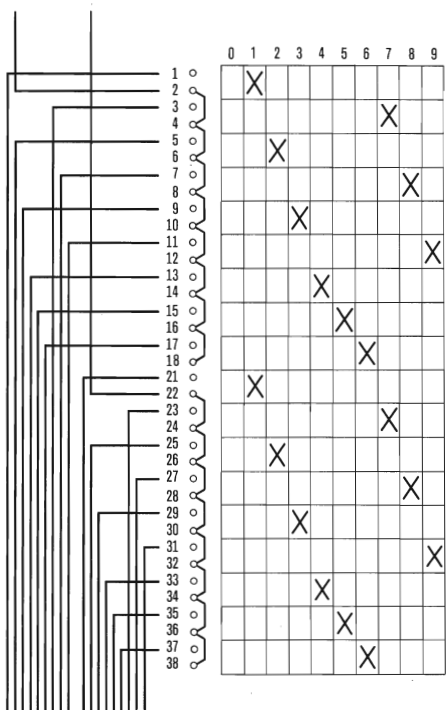
2



T5B-10-15291
T5-10-15291



FS 312



T5B-10-8267
T5-10-8267

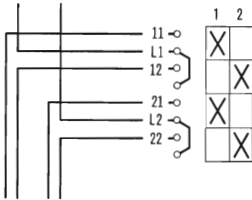


FS 312

Pole
Poles
Pôles

2

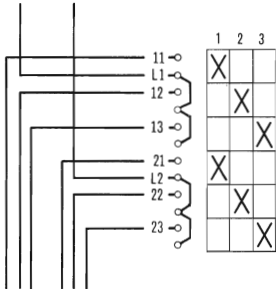
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-2-15136
T5-2-15136



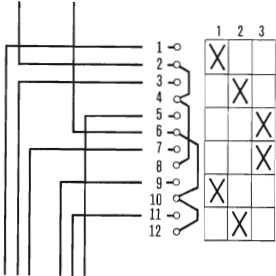
FS 402



T5B-3-15137
T5-3-15137



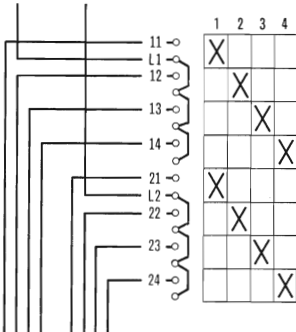
FS 404



T5B-3-8250
T5-3-8250



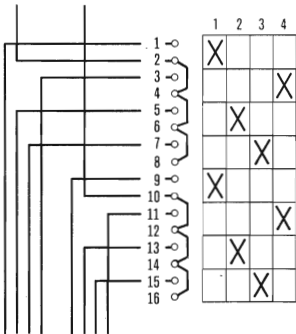
FS 404



T5B-4-15138
T5-4-15138



FS 406



T5B-4-8251
T5-4-8251

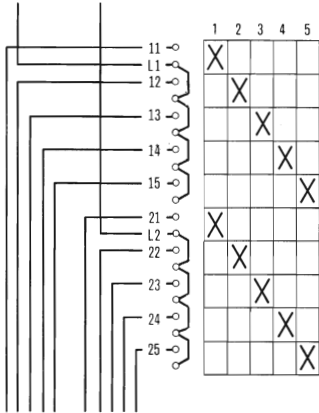


FS 406

Pole
Poles
Pôles

2

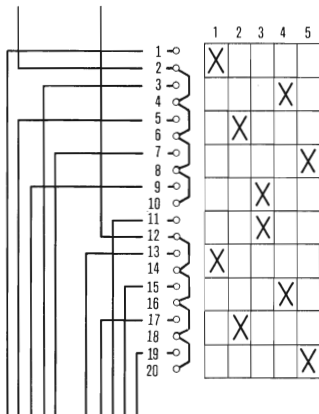
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-5-15139
T5-5-15139



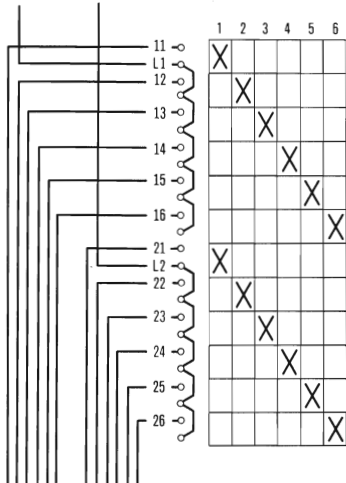
FS 408



T5B-5-8252
T5-5-8252



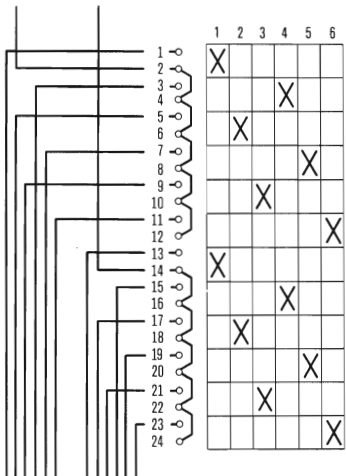
FS 408



T5B-6-15140
T5-6-15140



FS 410



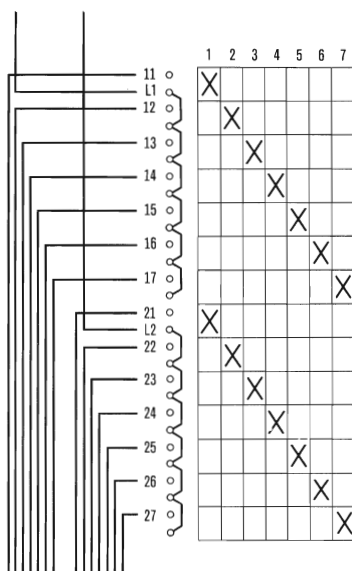
T5B-6-8253
T5-6-8253



FS 410

Pole
Poles
Pôles

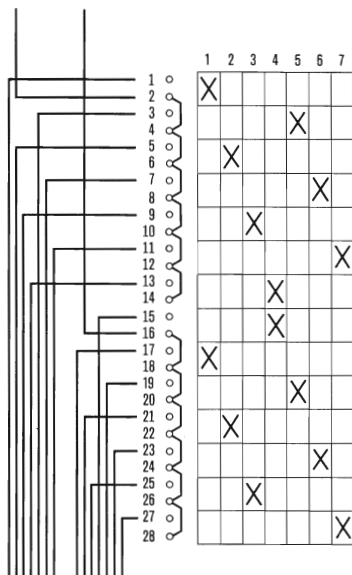
2



T5B-7-15141
T5-7-15141



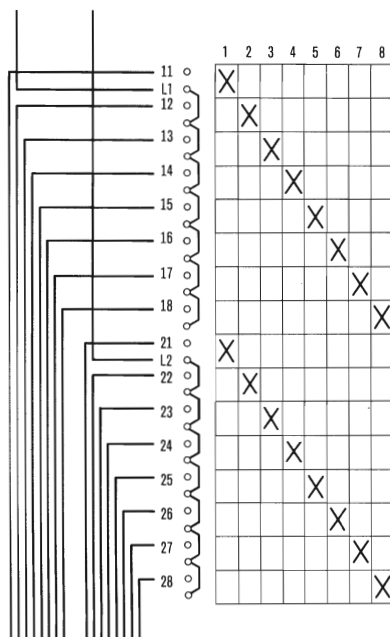
FS 412



T5B-7-8254
T5-7-8254



FS 412



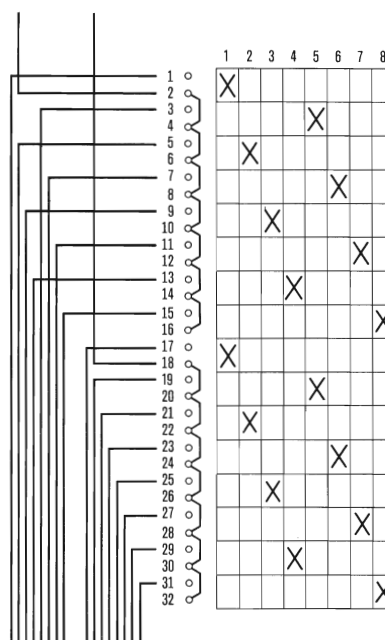
T5B-8-15142
T5-8-15142



FS 414

Pole
Poles
Pôles

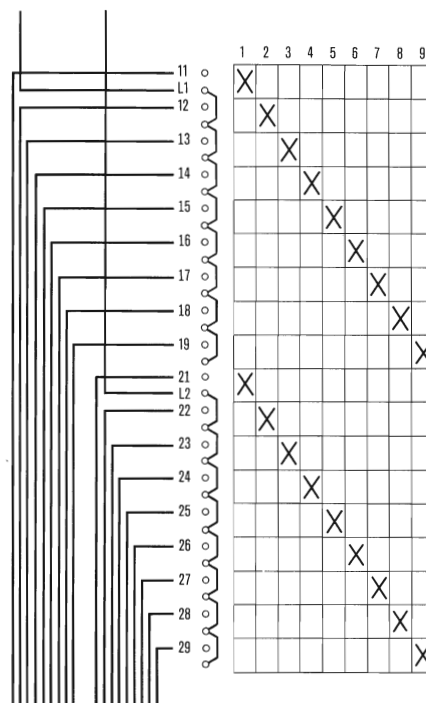
2



T5B-8-8255
T5-8-8255



FS 414



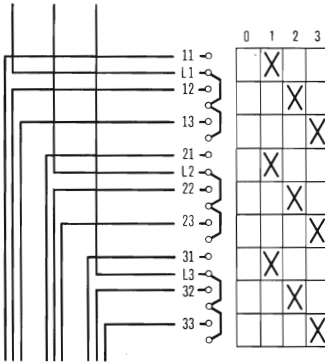
T5B-9-15294
T5-9-15294



FS 303

Pole
Poles
Pôles

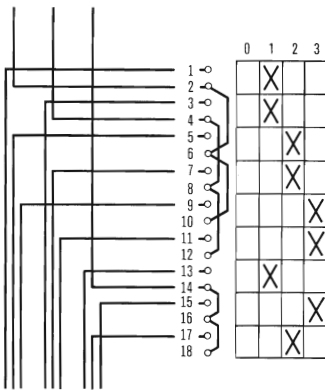
3



T5B-5-15144
T5-5-15144



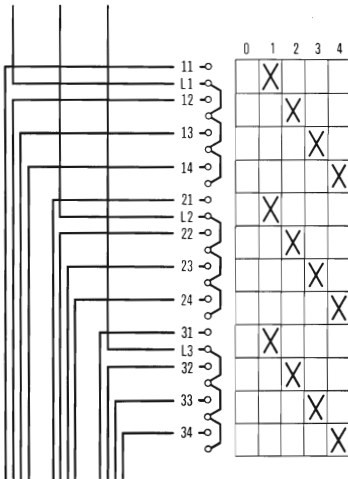
FS 420



T5B-5-8281
T5-5-8281



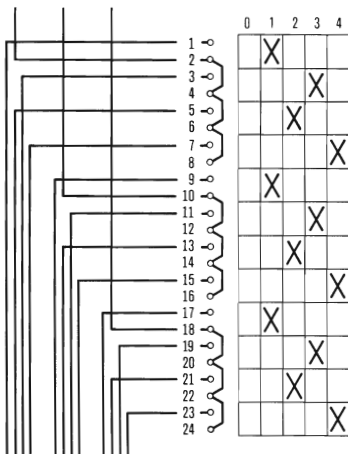
FS 420



T5B-8-15145
T5-8-15145



FS 422



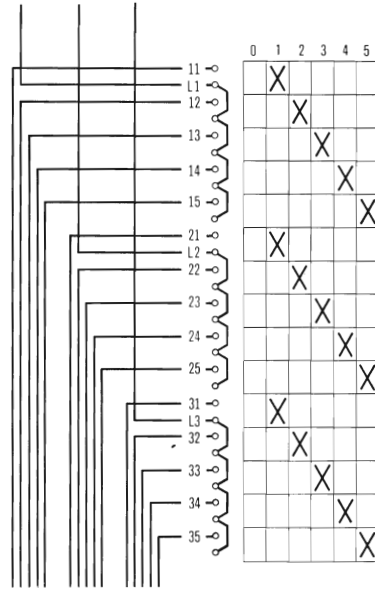
T5B-8-8282
T5-8-8282



FS 422

Pole
Poles
Pôles

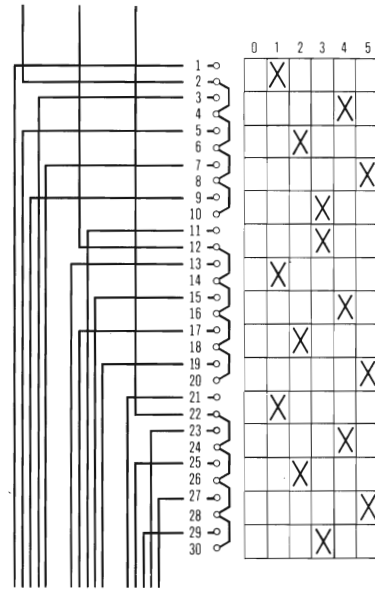
3



T5B-9-15146
T5-9-15146



FS 424



T5B-9-8283
T5-9-8283



FS 424

Stufenschalter

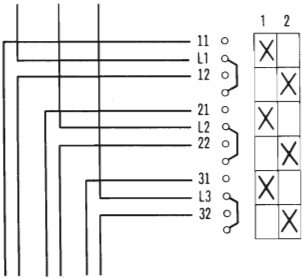
Step switches
Commutateurs à gradins

1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Pole
Poles
Pôles

3

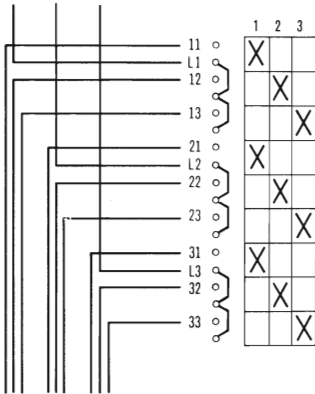
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-3-15149
T5-3-15149



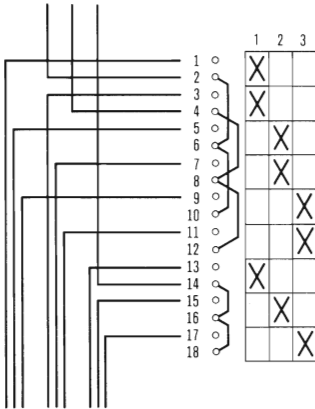
FS 402



T5B-5-15150
T5-5-15150



FS 404



T5B-5-15270
T5-5-15270

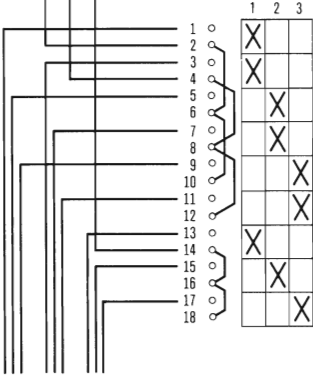


FS 603

Pole
Poles
Pôles

3

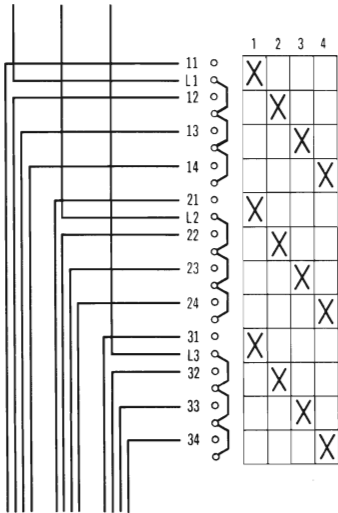
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-5-8270
T5-5-8270



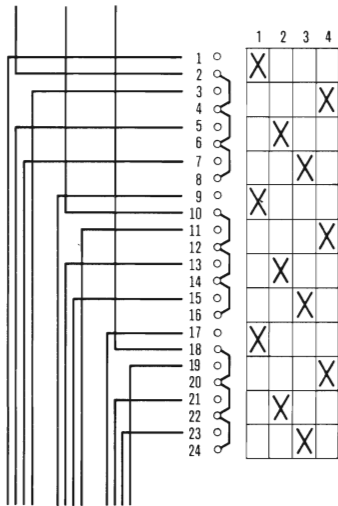
FS 404



T5B-6-15151
T5-6-15151



FS 406



T5B-6-8271
T5-6-8271



FS 406

ohne Nullstellung
without "OFF" position
sans position zéro

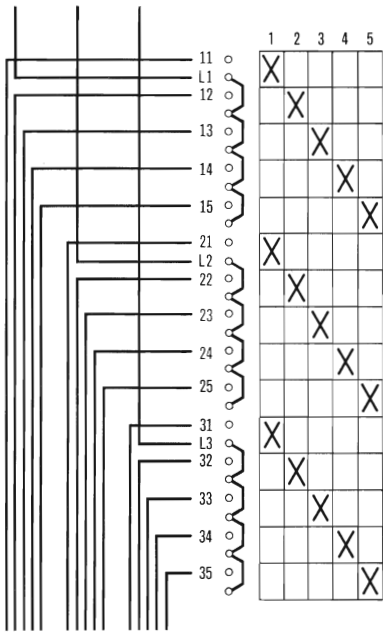
1 Stufe/Stellung geschlossen
One step/position closed
1 cran/position fermée

Step switches
Commutateurs à gradins

Stufenschalter

Pole
Poles
Pôles

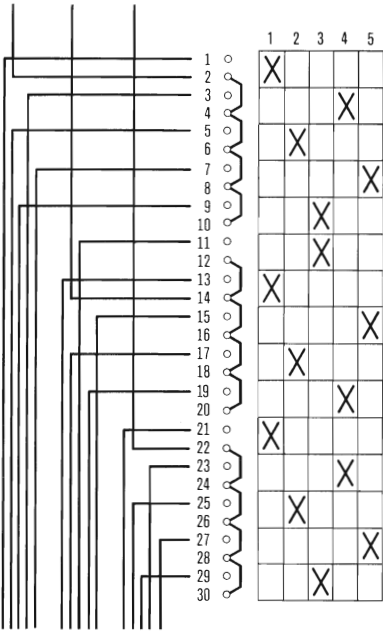
3



T5B-8-15152
T5-8-15152



FS 408



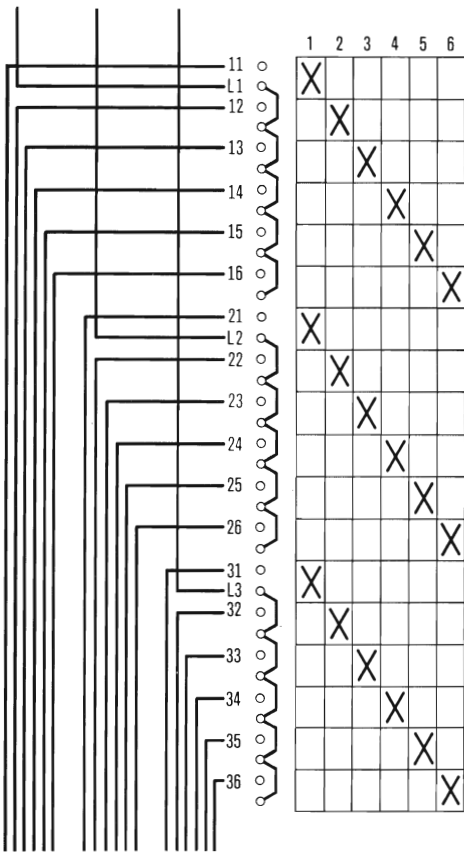
T5B-8-8272
T5-8-8272



FS 408

Pole
Poles
Pôles

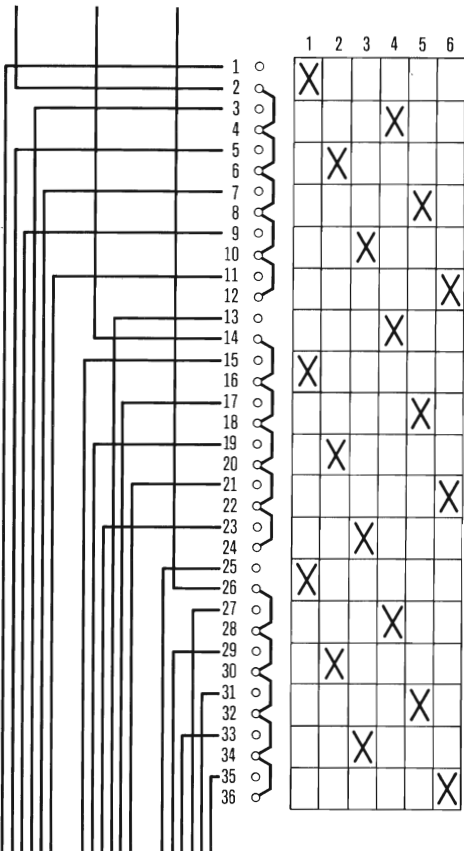
3



T5B-9-15153
T5-9-15153



FS 410



T5B-9-8273
T5-9-8273



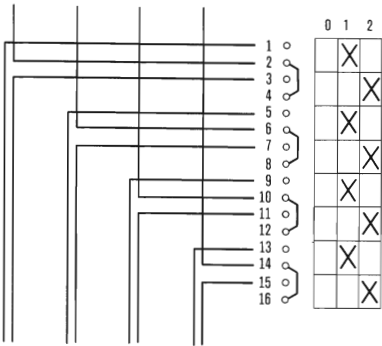
FS 610

Mit Anschlag
With stop
Avec butée

Pole
Poles
Pôles

4

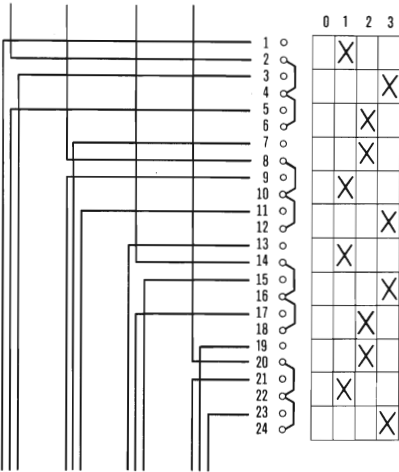
mit Nullstellung
with "OFF" position
avec position zéro



T5B-4-8480
T5-4-8480



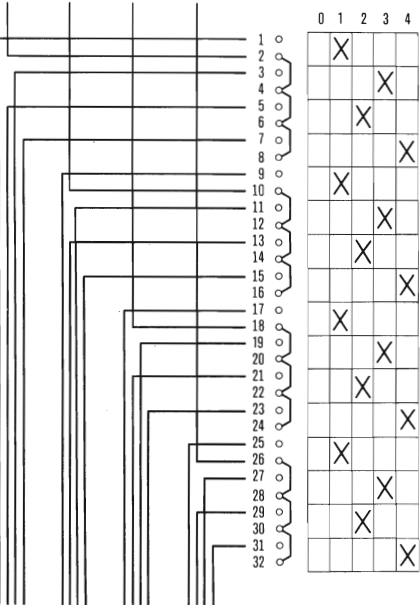
FS 644



T5B-6-8481
T5-6-8481



FS 420



T5B-10-8482
T5-10-8482

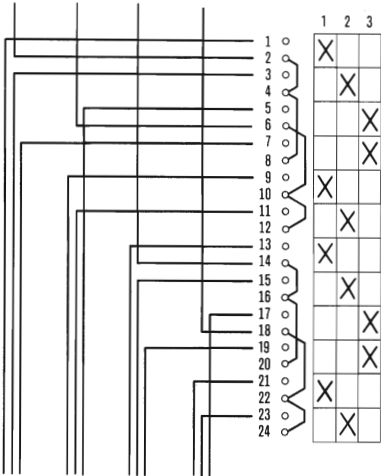


FS 422

Pole
Poles
Pôles

4

ohne Nullstellung
without "OFF" position
sans position zéro



T5B-6-8476
T5-6-8476

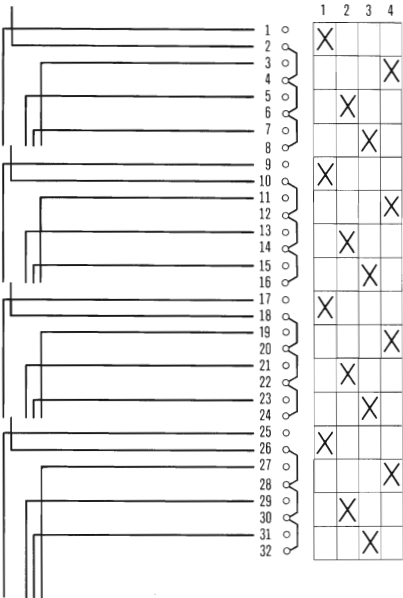


FS 604

Pole
Poles
Pôles

4

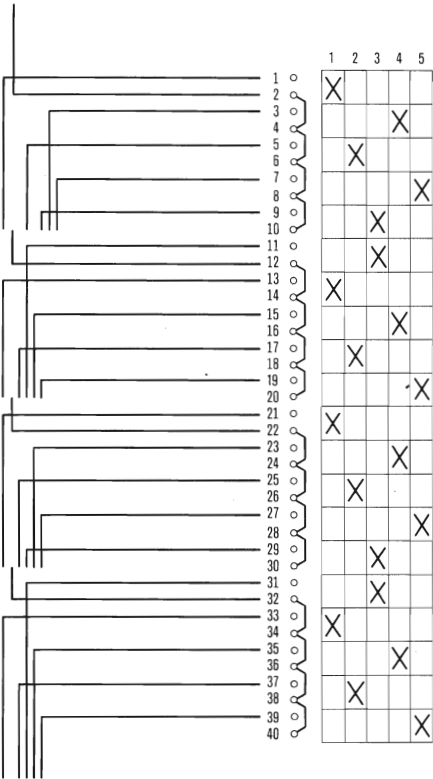
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-8-8477
T5-8-8477



FS 406



T5B-10-8478
T5-10-8478

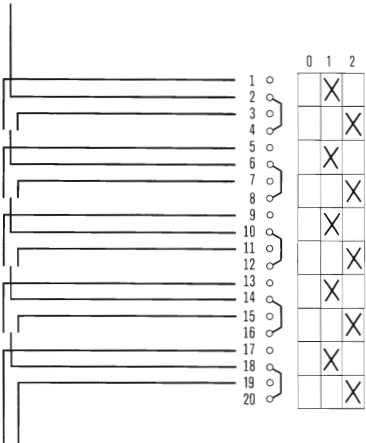


FS 608

Pole
Poles
Pôles

5

mit Nullstellung
with "OFF" position
avec position zéro



T5B-5-8486
T5-5-8486

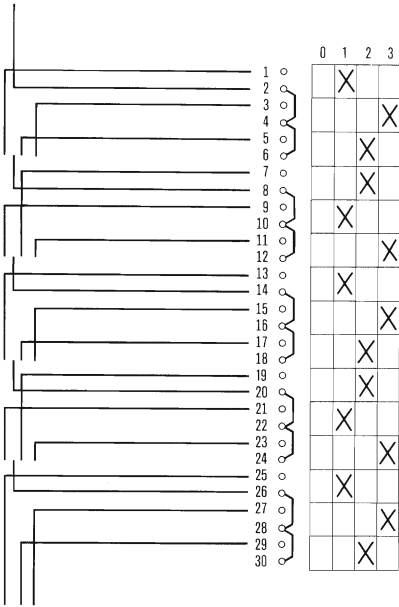


FS 418

Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

5



T5B-8-8487
T5-8-8487

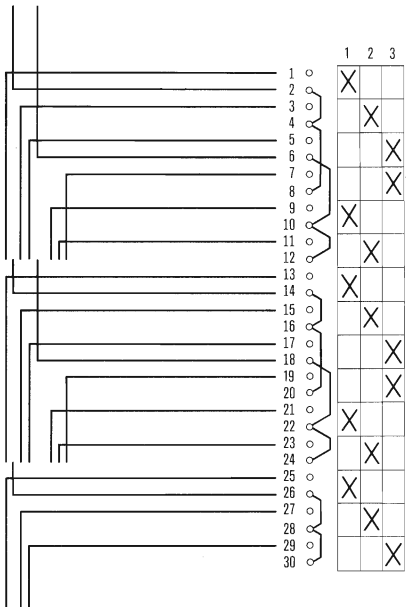


FS 420

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

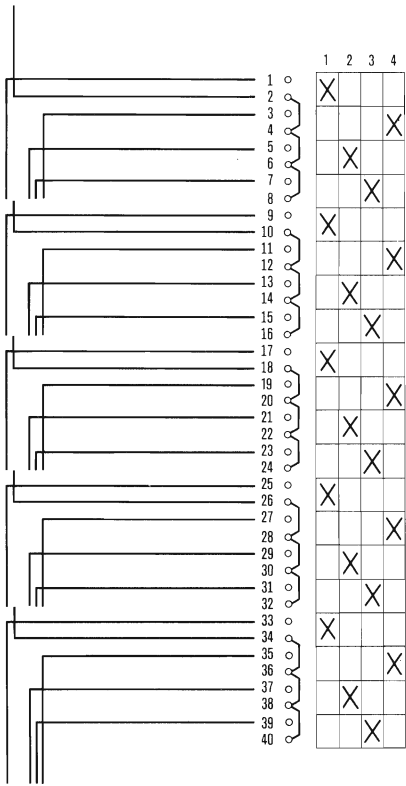
5



T5B-8-8484
T5-8-8484



FS 604



T5B-10-8485
T5-10-8485



FS 406

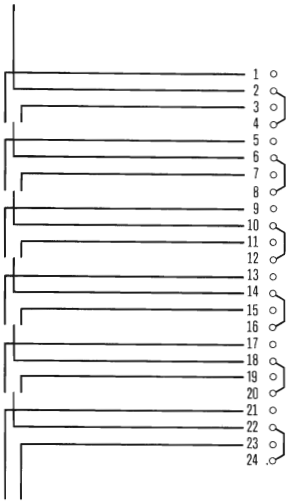
Pole
Poles
Pôles

mit Nullstellung
with "OFF" position
avec position zéro

Pole
Poles
Pôles

ohne Nullstellung
without "OFF" position
sans position zéro

6



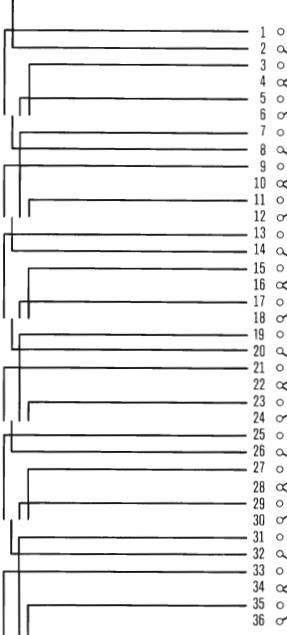
	0	1	2
1		X	
2		X	
3		X	
4		X	
5		X	
6		X	
7		X	
8		X	
9		X	
10		X	
11		X	
12		X	
13		X	
14		X	
15		X	
16		X	
17		X	
18		X	
19		X	
20		X	
21		X	
22		X	
23		X	
24		X	

T5B-6-8491
T5-6-8491



FS 614

6

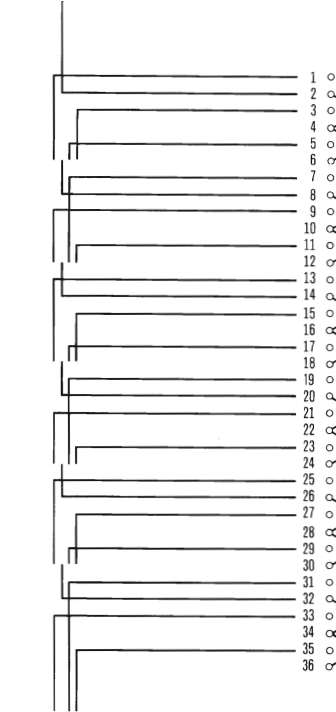


	0	1	2
1		X	
2		X	
3		X	
4		X	
5		X	
6		X	
7		X	
8		X	
9		X	
10		X	
11		X	
12		X	
13		X	
14		X	
15		X	
16		X	
17		X	
18		X	
19		X	
20		X	
21		X	
22		X	
23		X	
24		X	
25		X	
26		X	
27		X	
28		X	
29		X	
30		X	
31		X	
32		X	
33		X	
34		X	
35		X	
36		X	

T5B-9-8489
T5-9-8489



FS 604



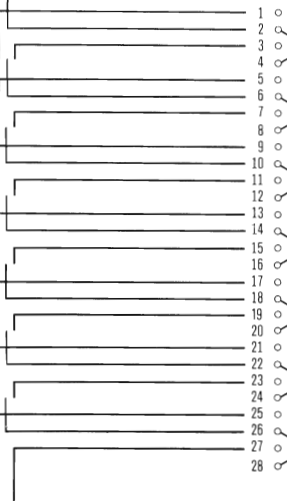
	0	1	2	3
1		X		
2		X		
3		X		
4		X		
5		X		
6		X		
7		X		
8		X		
9		X		
10		X		
11		X		
12		X		
13		X		
14		X		
15		X		
16		X		
17		X		
18		X		
19		X		
20		X		
21		X		
22		X		
23		X		
24		X		
25		X		
26		X		
27		X		
28		X		
29		X		
30		X		
31		X		
32		X		
33		X		
34		X		
35		X		
36		X		

T5B-9-8492
T5-9-8492



FS 420

7



	0	1	2
1		X	
2		X	
3		X	
4		X	
5		X	
6		X	
7		X	
8		X	
9		X	
10		X	
11		X	
12		X	
13		X	
14		X	
15		X	
16		X	
17		X	
18		X	
19		X	
20		X	
21		X	
22		X	
23		X	
24		X	
25		X	
26		X	
27		X	
28		X	

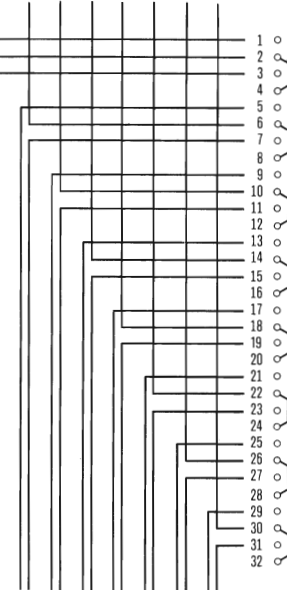
mit Nullstellung
with "OFF" position
avec position zéro

T5B-7-8495
T5-7-8495



FS 614

8



	0	1	2
1		X	
2		X	
3		X	
4		X	
5		X	
6		X	
7		X	
8		X	
9		X	
10		X	
11		X	
12		X	
13		X	
14		X	
15		X	
16		X	
17		X	
18		X	
19		X	
20		X	
21		X	
22		X	
23		X	
24		X	
25		X	
26		X	
27		X	
28		X	
29		X	
30		X	
31		X	
32		X	

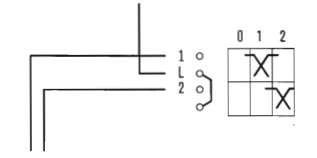
T5B-8-8498
T5-8-8498



FS 644

Pole
Poles
Pôles

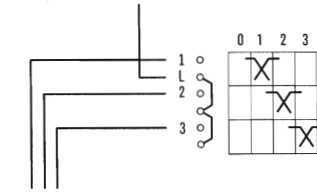
1



T5B-1-15023
T5-1-15023



FS 418

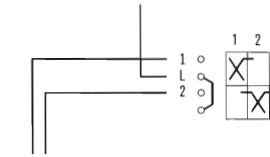


T5B-2-15024
T5-2-15024



FS 420

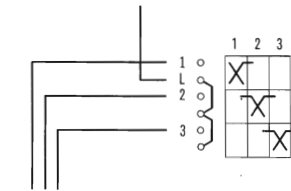
ohne Nullstellung
without "OFF" position
sans position zéro



T5B-1-15002
T5-1-15002



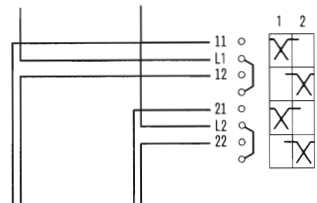
FS 402



T5B-2-15003
T5-2-15003



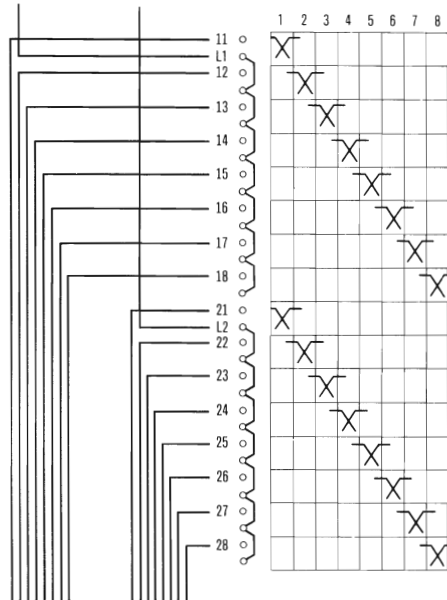
FS 404



T5B-2-15009
T5-2-15009



FS 402



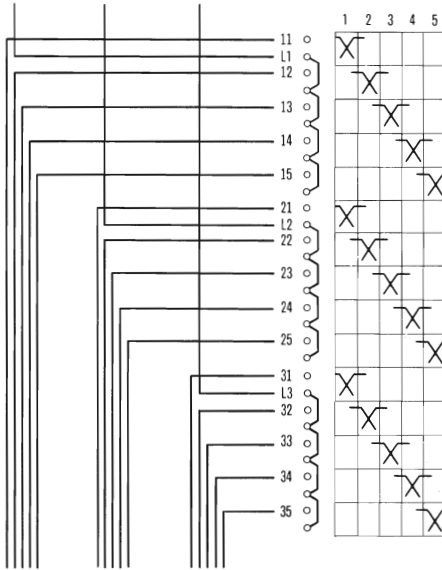
T5B-8-15015
T5-8-15015



FS 414

Pole
Poles
Pôles

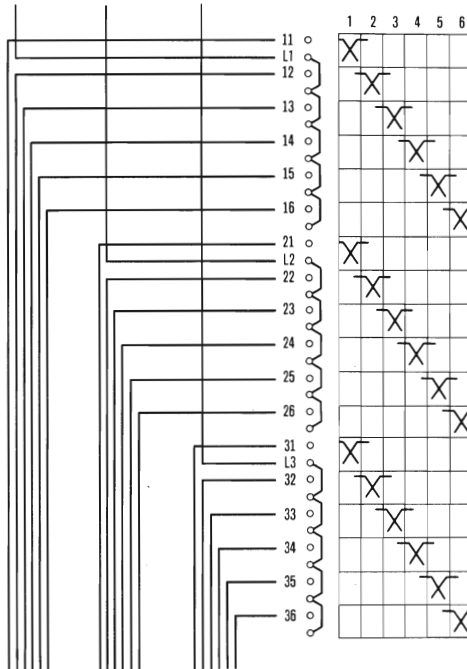
2



T5B-8-15019
T5-8-15019



FS 406



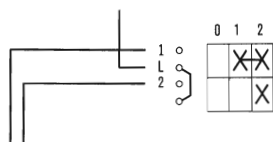
T5B-9-15020
T5-9-15020



FS 410

Pole
Poles
Pôles

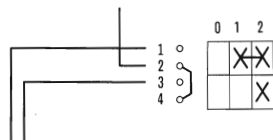
1



T5B-1-170
T5-1-170



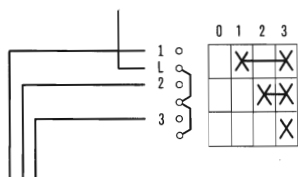
FS 418



T5B-1-8310
T5-1-8310



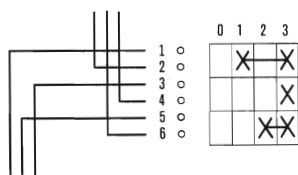
FS 418



T5B-2-171
T5-2-171



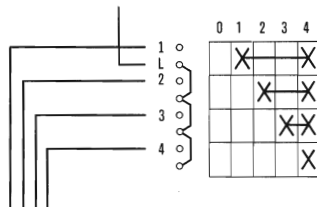
FS 420



T5B-2-8311
T5-2-8311



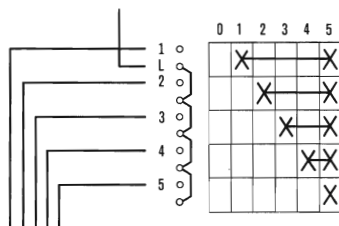
FS 420



T5B-4-172
T5-4-172



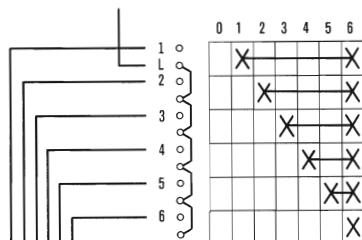
FS 422



T5B-5-173
T5-5-173



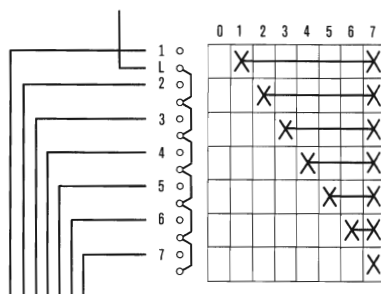
FS 424



T5B-6-174
T5-6-174



FS 426



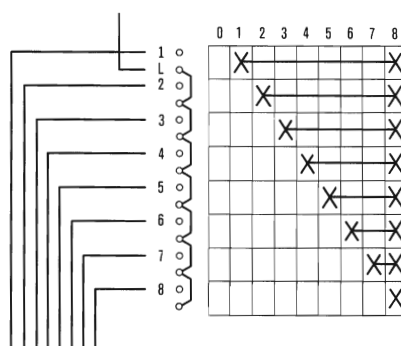
T5B-7-175
T5-7-175



FS 428

Pole
Poles
Pôles

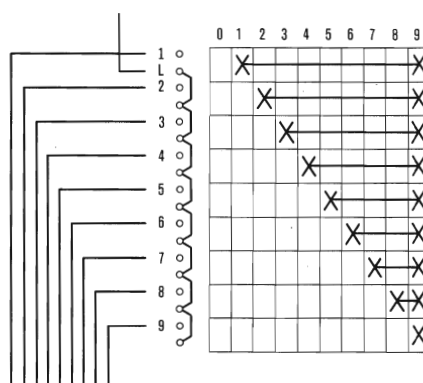
1



T5B-8-15215
T5-8-15215



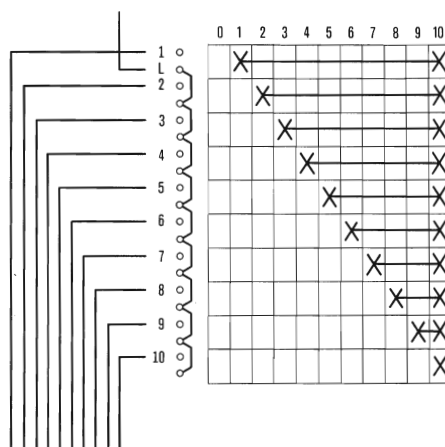
FS 313



T5B-9-15216
T5-9-15216



FS 312



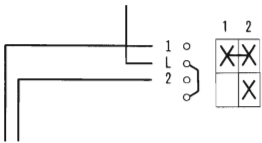
T5B-10-15217
T5-10-15217



FS 311

Pole
Poles
Pôles

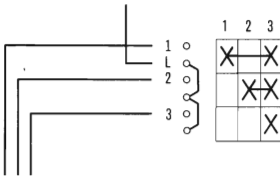
1



T5B-1-176
T5-1-176



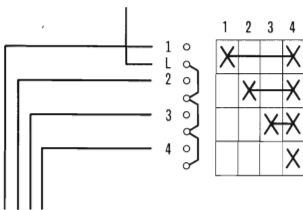
FS 402



T5B-2-177
T5 2-177



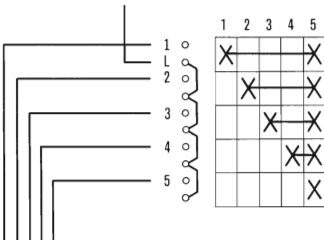
FS 404



T5B-2-178
T5-2-178



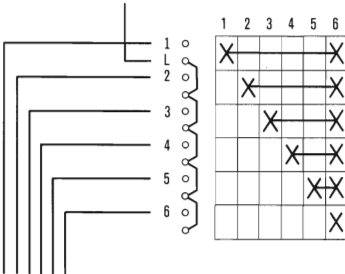
FS 406



T5B-3-179
T5-3-179



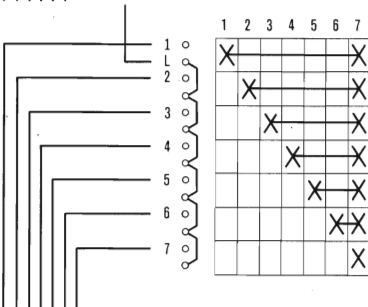
FS 408



T5B-3-180
T5-3-180



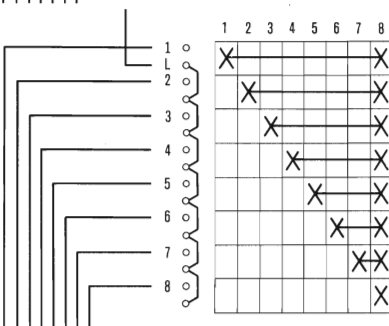
FS 410



T5B-6-181
T5-6-181



FS 412



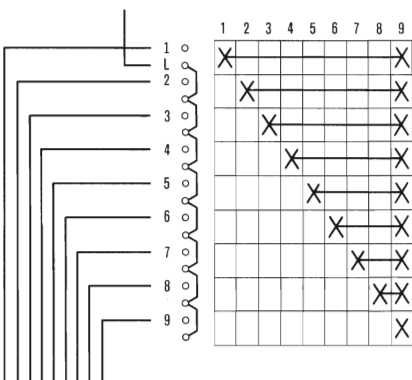
T5B-7-182
T5-7-182



FS 414

Pole
Poles
Pôles

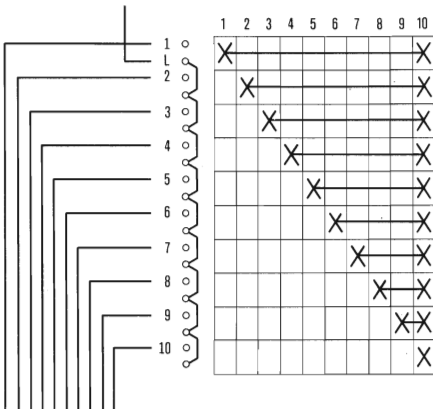
1



T5B-8-15219
T5-8-15219



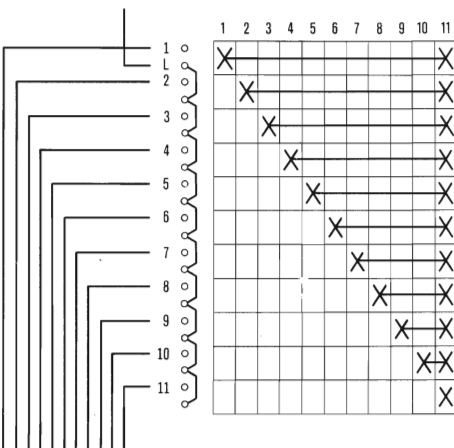
FS 313



T5B-9-15220
T5-9-15220



FS 312

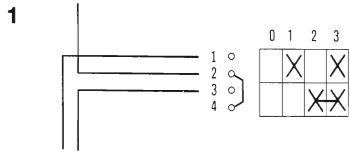


T5B-10-15221
T5-10-15221



FS 311

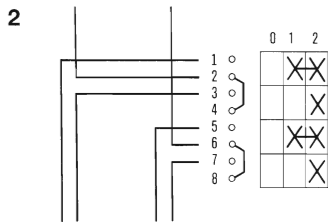
Pole
Poles
Pôles



T5B-1-8330
T5-1-8330



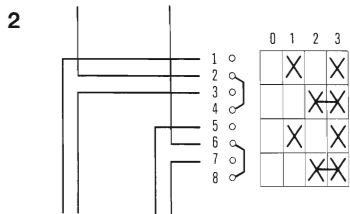
FS 420



T5B-1-8330
T5-2-8312



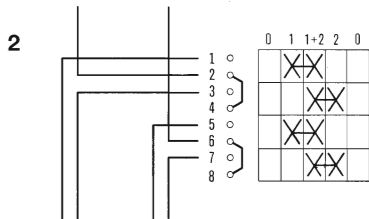
FS 418



T5B-2-8331
T5-2-8331



FS 420

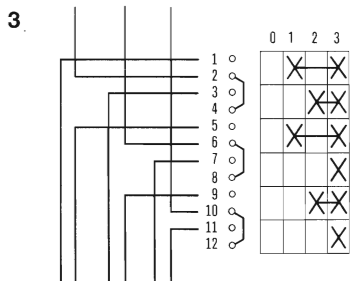


T5B-2-15114
T5-2-15114



FS 1413465

Rundschaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens

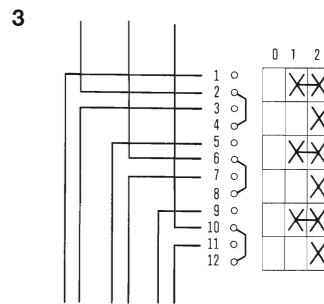


T5B-3-8313
T5-3-8313



FS 420

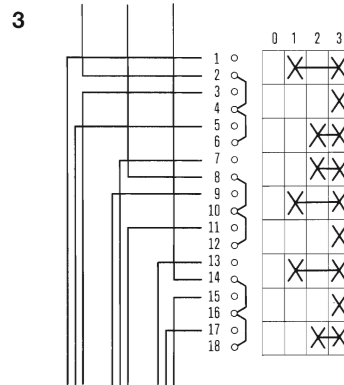
Pole
Poles
Pôles



T5B-3-8314
T5-3-8314



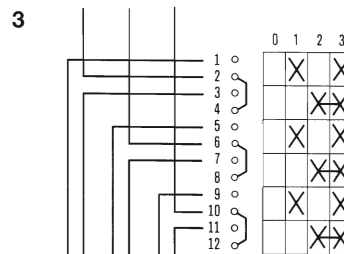
FS 418



T5B-5-8315
T5-5-8315



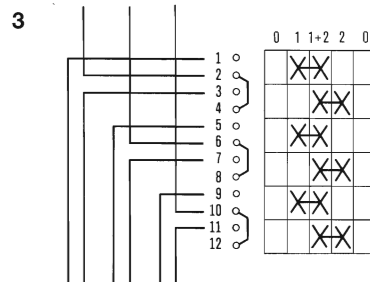
FS 420



T5B-3-8332
T5-3-8332



FS 420

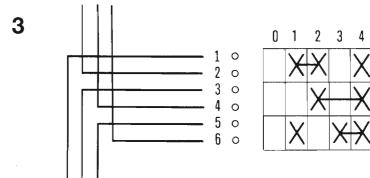


T5B-4-15115
T5-4-15115



FS 1413465

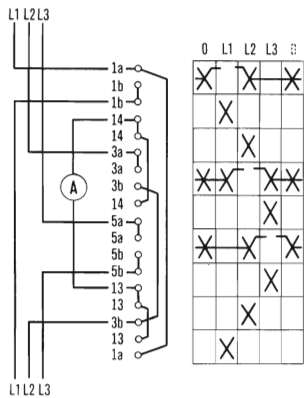
Rundschaltung in beide Richtungen
Complete rotation in both directions
Rotation totale dans les deux sens



T5B-3-8340
T5-3-8340



FS 422



T5B-6-183
T5-6-183



FS 9440

Rundschaltung
Complete rotation
Commutation sans butée

Batterie-Spannungs-Umschalter
z. B. für 12 – 24 – 48 V = und
Plus – Minus – Vertauschung,
Aufladung in 0-Stellung

Battery voltage changeover switch
e.g. for 12 – 24 – 48 V = and
plus/minus selection,
charging in 0-Position

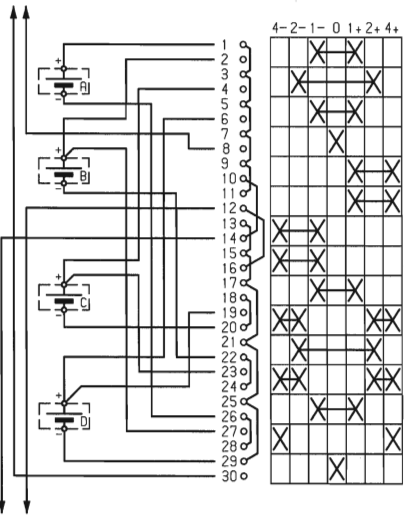
Commutateurs/inverseurs de batterie
p. ex. pour 12 – 24 – 48 V = et
inversion plus-moins,
charge en position 0

T5B-10-15611
T5-10-15611



FS 44260

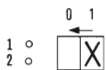
Ladegerät / Charger / Chargeur



Verbraucher / Consumer / Récepteur

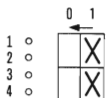
Ein-Taster On-Off-switches Commutateurs de fermeture

Pole
Poles
Pôles

1   **T5B-1-8204**
T5-1-8204

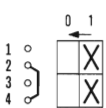
alter Typ, old type, ancienne réf.

T.-.-15301
T.-.-15076

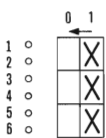
2   **T5B-1-8205**
T5-1-8205

alter Typ, old type, ancienne réf.

T.-.-15302
T.-.-15077

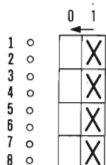
  **T5B-1-8124**
T5-1-8124

FS 140805

3   **T5B-2-8206**
T5-2-8206

alter Typ, old type, ancienne réf.

T.-.-15303
T.-.-15078

4   **T5B-2-8207**
T5-2-8207

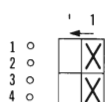
FS 455

alter Typ, old type, ancienne réf.

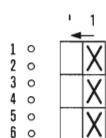
T.-.-15079

1   **T5B-1-15321**
T5-1-15321

FS 4721

2   **T5B-1-15322**
T5-1-15322

FS 4721

3   **T5B-2-15323**
T5-2-15323

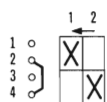
FS 4721

Pole
Poles
Pôles

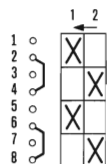
Umschalter mit Rückzug nach „1“

Selector switches with spring return „1“

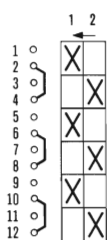
Commutateurs avec retour automatique en position «1»

1   **T5B-1-8295**
T5-1-8295

FS 496

2   **T5B-2-8296**
T5-2-8296

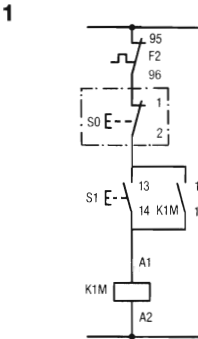
FS 496

3   **T5B-3-8297**
T5-3-8297

FS 496

AUS-Taster OFF-switches Commutateurs de d'ouverture

Pole
Poles
Pôles



T5B-1-15331
T5-1-15331



FS 4722



T5B-1-15332
T5-1-15332



FS 4722



T5B-2-15333
T5-2-15333



FS 4722



T5B-1-15351
T5-1-15351



FS 4723



T5B-1-15352
T5-1-15352



FS 4723



T5B-2-15353
T5-2-15353



FS 4723

Pole
Poles
Pôles



T5B-1-15341
T5-1-15341



FS 142005



T5B-1-15342
T5-1-15342



FS 142005



T5B-2-15343
T5-2-15343

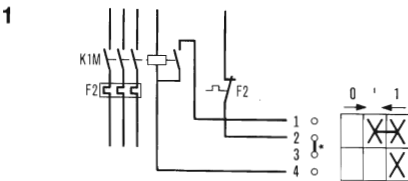


FS 142005

EIN-AUS-Taster ON-OFF-switches Commutateurs de commande

Pole
Poles
Pôles

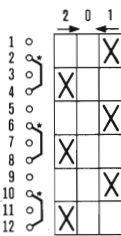
Steuerung von 1 Schütz
Controlling one contactor
Commande d'un contacteur



T5B-1-8
T5-1-8



FS 456



T5B-3-15373
T5-3-15373



FS 458

Pole
Poles
Pôles

1

0 1

1

2

X

T5B-1-15401
T5-1-15401



FS 415

2

0 1

1

2

3

4

X

X

X

T5B-1-15402
T5-1-15402



FS 415

0 1

1

2

3

4

5

6

X

X

X

X

T5B-2-15403
T5-2-15403



FS 415

STOP

START

1

3

3

2

X

X

X

X

T5B-1-15462
T5-1-15462



FS 190848

0 1

1

3

3

2

11

13

13

12

X

X

X

X

X

X

X

T5B-2-15461
T5-2-15461



FS 907

STOP

START

1

3

3

2

11

13

13

12

X

X

X

X

X

X

X

T5B-2-15463
T5-2-15463



FS 190848

Pole
Poles
Pôles

4

0 1

1

2

3

4

5

6

7

8

X

X

X

X

X

X

T5B-2-15404
T5-2-15404



FS 415

1

STOP

START

1

2

X

T5B-1-15411
T5-1-15411



FS 142003

2

STOP

START

1

2

3

4

X

X

X

T5B-1-15412
T5-1-15412



FS 142003

3

STOP

START

1

2

3

4

5

6

X

X

X

X

X

T5B-2-15413
T5-2-15413



FS 142003

4

STOP

START

1

2

3

4

5

6

7

8

X

X

X

X

X

X

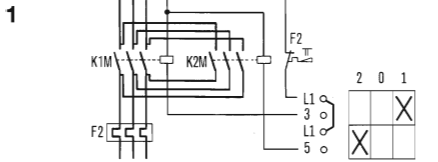
X

T5B-2-15414
T5-2-15414



FS 142003

Pole
Poles
Pôles



Steuerung von 1 Wendeschütz
Controlling one reversing contactor
Commande d'un contacteur-inverseur

T5B-1-78
T5-1-78



FS 429

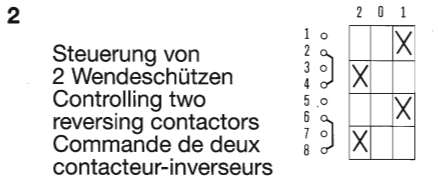


Steuerung von 1 Wendeschütz
Controlling one reversing contactor
Commande d'un contacteur-inverseur

T5B-1-15421
T5-1-15421



FS 429

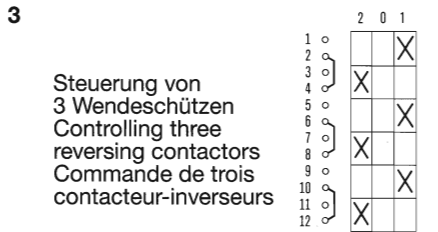


Steuerung von 2 Wendeschützen
Controlling two reversing contactors
Commande de deux contacteur-inverseurs

T5B-2-15422
T5-2-15422



FS 429



Steuerung von 3 Wendeschützen
Controlling three reversing contactors
Commande de trois contacteur-inverseurs

T5B-3-15423
T5-3-15423



FS 429



T5B-1-15180
T5-1-15180



FS 621



T5B-2-8711
T5-2-8711



FS 684



T5B-1-15431
T5-1-15431



FS 1401

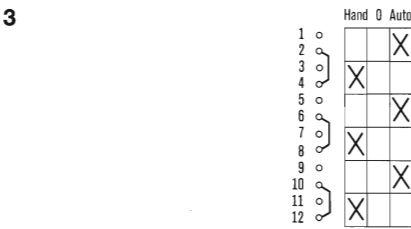
Pole
Poles
Pôles



T5B-2-15432
T5-2-15432



FS 1401



T5B-3-15433
T5-3-15433



FS 1401



T5B-1-97
T5-1-97



FS 943



T5B-1-15441
T5-1-15441



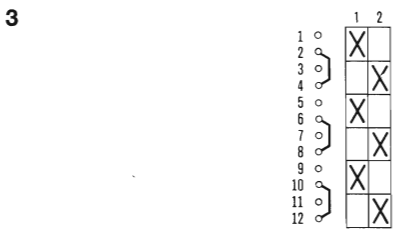
FS 902



T5B-2-15442
T5-2-15442



FS 902



T5B-3-15443
T5-3-15443



FS 902



T5B-1-15451
T5-1-15451



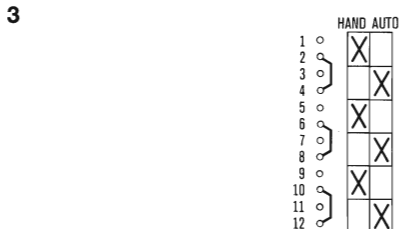
FS 19334



T5B-2-15452
T5-2-15452



FS 19334



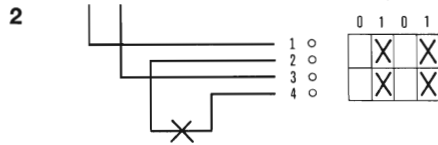
T5B-3-15453
T5-3-15453



FS 19334

Pole
Poles
Pôles

Aus-Schalter, Load break isolating switch, Interrupteur



T5B-1-15108
T5-1-15108



FS 926

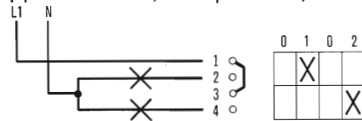


T5B-3-15042
T5-3-15042



FS 926

Gruppen-Schalter, Group switch, Commutateur de groupe



T5B-1-15109
T5-1-15109



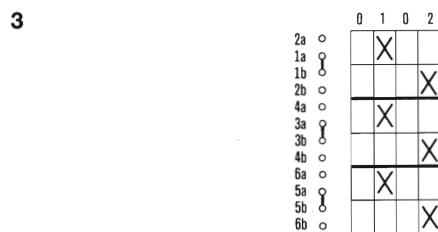
FS 928



T5B-2-15044
T5-2-15044



FS 928



T5B-3-15045
T5-3-15045

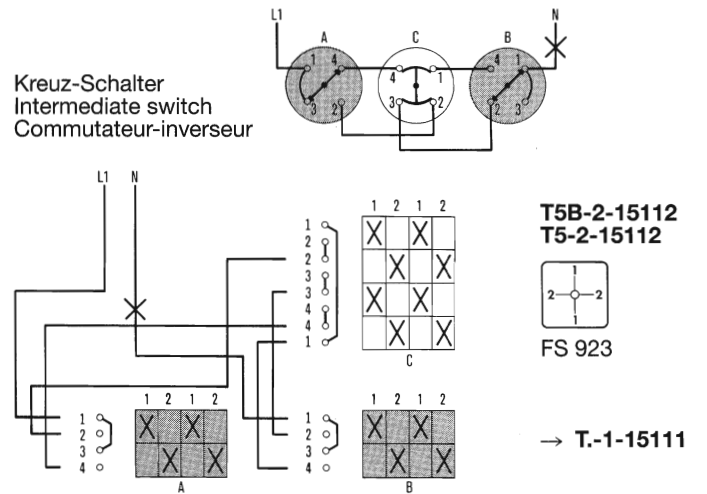


FS 928

Pole
Poles
Pôles

1

Kreuz-Schalter
Intermediate switch
Commutateur-inverseur



T5B-2-15112
T5-2-15112



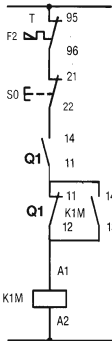
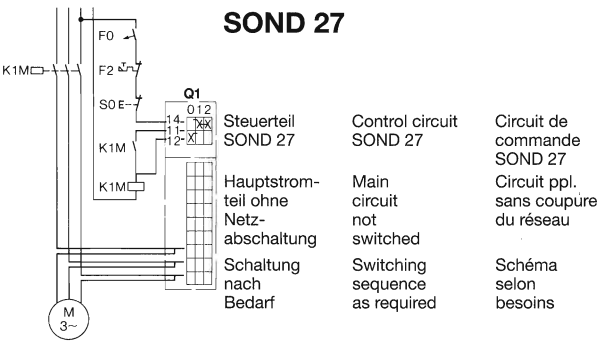
FS 923

→ T.-1-15111

Standardisierte Verriegelung zwischen Nockenschalter und Schütz
Steuerteil für standardisierte Schützverriegelungen (Spannungsrückgangs- bzw. Überlastschutz durch Schütz bzw. Motorschutzrelais).

Standard interlock between switch and contactor
Control sections for standard electrical interlocking (protection against “no volt” or overload via contactors or relays)

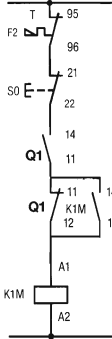
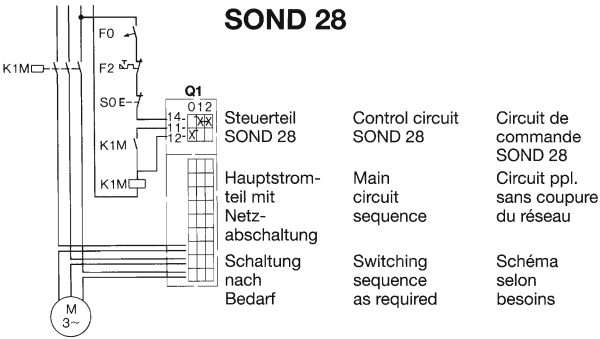
Verrouillage standardisé entre commutateur et contacteur
Schémas normalisés d’asservissement d’un contacteur (protections contre les surcharges et les retours de tension assurées par le relais thermique et le contacteur)



Verriegelung mit Nockenschalter. Netzabschaltung **nur** durch Schütz. Wiedereinschaltung nur in der „0“-Stellung des Nockenschalters. Verwendung: vorwiegend für Y-Δ-Schaltung.

Interlocking with cam switch. Mains disconnection by contactor **only**. Restarting only possible with cam switch in the “0” position. Used mainly for star-delta switches.

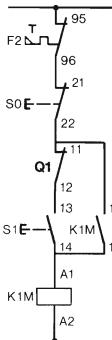
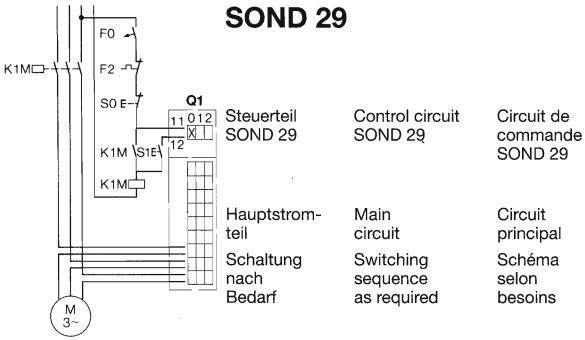
Avec asservissement par le commutateur à cames
Coupure du réseau seulement par le contacteur. Réenclenchement seulement en position «0» du commutateur. Utilisé essentiellement pour le démarrage étoile-triangle.



Verriegelung mit Nockenschalter. Netzabschaltung durch Schütz **und** Nockenschalter. Wiedereinschaltung: wie SOND 27. Verwendung: vorwiegend für Y-Δ-Schaltung und Umschaltung.

Interlocking with cam switch. Mains disconnection by contactor **and** cam switch together. Restarting: as SOND 27. Used mainly for star-delta and changeover switches.

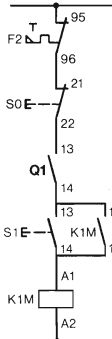
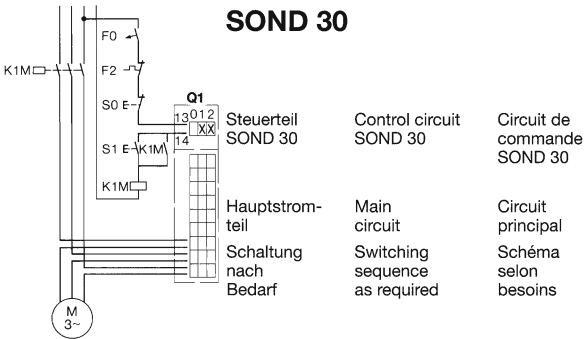
Avec asservissement par le commutateur à cames
Coupure du réseau par le contacteur **et** le commutateur. Réenclenchement comme SOND 27. Utilisé essentiellement pour le démarrage étoile-triangle et l’inversion.



Verriegelung mit Schütz. Netzzuschaltung durch Schütz **nur** in der „0“-Stellung des Schalters (Nullstellungszwang). Verwendung: Y-Δ-Schaltung, Umschaltung, Polumschaltung.

Interlocking with contactor. Mains connection by contactor **only** when cam switch is in “0” position (Off position interlock). Used for star-delta, changeover and multi-speed switches.

Avec asservissement supplémentaire par bouton de mise en marche. Le contacteur ne se ferme qu’en position «0» du commutateur. Utilisation: démarrage étoile-triangle, inversion, commutation de pôles.



Verriegelung mit Schütz. Netzzuschaltung durch Schütz **nur** in den Betriebs-Stellungen des Nockenschalters. Bei jedem Stellungswechsel fällt das Schütz ab. Verwendung: Umschaltung, Polumschaltung.

Interlocking with contactor. Mains connection by contactor **only** when cam switch is in run positions. Each change in switch position causes contactor to drop out. Used for changeover and multi-speed switches.

Avec asservissement supplémentaire par bouton de mise en marche. Le contacteur ne se ferme qu’aux positions de marche du commutateur. Le contacteur retombe à chaque changement de position. Utilisation comme SOND 29.

Verzeichnis der Standardschaltungen List of standard types Index de schémas standards	4/01
Gegenüberstellung alte/neu Schaltungsnummer List of old and new type references Numéros de schémas modifiés	4/55
Sonderschaltungen Non-standard types Schémas spéciaux	4/56
Kopiervorlagen für Sonderfrontschilder Copy specimen for non-standard front plates Formulaire de commande de plastrons spéciaux (spécimen à photocopier)	4/60

Standardschaltungen

Standard contact sequences / Schémas standards

Legende		Legend		Légende	
Art	Kennzeichnung	Form		Désignation	
BA	Betriebsarten-Wahlschalter	BA	Operating mode selector switch	BA	Sélecteur de mode
CD	Codierschalter	CD	Coding switch	CD	Commutateur de codage
E	Einschalter (nicht FS 908, nicht als Hauptschalter)	E	On-switch (not FS 908, not as main switch)	E	Commutateur MARCHÉ (sans FS 908, pas comme interr. gén.)
EA	EIN-AUS-Schalter (mit FS 908, als Hauptschalter lieferbar)	EA	ON-OFF-switch (with FS 908, available as main switch)	EA	Commutateur MARCHÉ-ARRÊT (avec FS 908, livrable comme interr. gén.)
HP	Hilfsphasen-Schalter	HP	Single-phase switch	HP	Commutateur de phases auxiliaires
MU	Meßgeräte-Umschalter	MU	Selector switch	MU	Commutateur de points de mesure
PD	Polumschalter, Dahlander	PD	Speed switch tapped windings	PD	Commutateur de pôles, Dahlander
PY	Polumschalter mit Y-Δ-Anlauf	PY	Speed switch with Y-Δ- start	PY	Commutateur de pôles, Y-Δ- start
SE	Steuerschalter	SE	Control switch	SE	Commutateur de commande
SH	Stufenschalter für Heizung	SH	Step switch for heater	SH	Commutateur à gradins pour chauffage
SP	Spezialschalter	SP	Special switch	SP	Commutateur spéciaux
ST	Steuer-Tastschalter	ST	Control switch pulse with spring return	ST	Commutateur de commande à retour automatique
SU	Stufenschalter	SU	Step switch	SU	Commutateur à gradins
SY	Synchronisier-Schalter	SY	Synchronizing switch	SY	Sélecteur de synchronisation
UG	Gruppen-Umschalter	UG	Group switch	UG	Commutateur de Groupe
UK	Kreuz-Umschalter	UK	Intermediate switch	UK	Commutateur - inverseur
UP	Umschalter	UP	Change over switch	UP	Commutateur de sélection
US	Serien-Umschalter	US	Multi circuit switch	US	Interrupteur de série
UW	Wechsel-Umschalter	UW	2 way switch	UW	Inverseur
W	Wendeschalter	W	Reversing switch	W	Inverseur
WS	Wende-Steuer- motoren-Schalter	WS	Reversing switch for servo-motor	WS	Inverseur pour servo-motor
YD	Stern-Dreieck-Schalter	YD	Star-delta switch	YD	Commutateur étoile-triangle
FS-Pos. = Anzahl der Positionen auf dem Frontschild		FS-Pos. = Number of Positions on the Front plate		FS-Pos = Nombre de positions sur le plastron	
Kontakte = Anzahl der Kontakte des Schalters		Contacts = Number of contacts of the switch		Contacts = Nombre de Contacts du commutateur	
Bauformen + lieferbare Bauform - nicht lieferbar O Hauptschalter sind im Baustein-System möglich, werden jedoch nicht komplett ab Werk geliefert.		Mounting form + available mounting form - not available O Main switches are possible in modular systems, but cannot be supplied completely ex works		Modèles + modèle livrable - non livrable O les interrupteurs généraux sont possibles en système modulaire, mais ils ne sont pas livrés montés à partir de l'usine.	
Technische Änderungen vorbehalten		Subject to technical alterations		Sous réserve de modifications techniques	
Für Druckfehler keine Haftung		No liability for printing errors		Nous déclinons toute responsabilité pour les fautes d'impression	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/I/SVB /CI9/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
1	T0-2-1	EA	2	3	+ + - + + + + -	+ - + +	1/04-34	2/04	
1	T3-2-1	EA	2	3	+ + - + - + + -	+ - + +	1/04-34	2/04	
1	T4A-2-1	EA	2	3	- - - - - - - -	- - - -			T5B-2-1
1	T41A-3-1	EA	2	6	- - - - - - - -	- - - -			T5-2-1
1	T44A-2-1	EA	2	4	- - - - - - - -	- - - -			T5B-2-1
1	T46A-3-1	EA	2	4	- - - - - - - -	- - - -			T5-2-1
1	T5B-2-1	EA	2	3	+ - - + - - + + -	+ - + +		3/02	
1	T5-2-1	EA	2	3	+ - - + - - + + -	+ - + +		3/02	
2	T0-3-2	W	3	5	+ + - + + + + -	- - - -	1/09-14	2/11	T0-3-8401
2	T3-3-2	W	3	5	+ + - + - + + -	- - - -	1/09-14	2/11	T3-3-8401
2	T4A-3-2	W	3	5	- - - - - - - -	- - - -			T5B-3-2
2	T5B-3-2	W	3	5	+ - - + - - + + -	- - - -		3/11	
2	T5-3-2	W	3	5	+ - - + - - + + -	- - - -		3/11	
3	T0-4-3	YD	3	8	+ + - + + + + -	- - - -	1/11-16	2/13	T0-4-8410
3	T3-4-3	YD	3	8	+ + - + - + + -	- - - -	1/11-16	2/13	T3-4-8410
3	T4A-4-3	YD	3	8	- - - - - - - -	- - - -			T5B-4-3
3	T5B-4-3	YD	3	8	+ - - + - - + + -	- - - -		3/13,38	
3	T5-4-3	YD	3	8	+ - - + - - + + -	- - - -		3/13,38	
4	T0-4-4	PD	3	8	+ + - + + + + -	- - - -	1/11-17	2/17	T0-4-8440
4	T3-4-4	PD	3	8	+ + - + - + + -	- - - -	1/11-17	2/17	T3-4-8440
4	T4A-4-4	PD	3	8	- - - - - - - -	- - - -			T5B-4-4
4	T5B-4-4	PD	3	8	+ - - + - - + + -	- - - -		3/18	
4	T5-4-4	PD	3	8	+ - - + - - + + -	- - - -		3/18	
5	T0-4-5	PD	3	8	+ + - + + + + -	- - - -	1/11-18	2/18	T0-4-8441
5	T3-4-5	PD	3	8	+ + - + - + + -	- - - -	1/11-18	2/18	T3-4-8441
5	T4A-4-5	PD	3	8	- - - - - - - -	- - - -			T5B-4-5
5	T5B-4-5	PD	3	8	+ - - + - - + + -	- - - -		3/19	
5	T5-4-5	PD	3	8	+ - - + - - + + -	- - - -		3/19	
6	T0-3-6	UP	3	6	+ + - + + + + -	- - - -	1/10-07	2/21	T0-3-8451
6	T3-3-6	UP	3	6	+ + - + - + + -	- - - -	1/10-07	2/21	T3-3-8451
6	T4A-3-6	UP	3	6	- - - - - - - -	- - - -			T5B-3-6
6	T5B-3-6	UP	3	6	+ - - + - - + + -	- - - -		3/08,22	
6	T5-3-6	UP	3	6	+ - - + - - + + -	- - - -		3/08,22	
7	T0-3-7	UP	3	6	+ + - + + + + -	- - - -	1/10-06	2/22	T0-3-8212
7	T3-3-7	UP	3	6	+ + - + - + + -	- - - -	1/10-06	2/22	T3-3-8212
7	T4A-3-7	UP	3	6	- - - - - - - -	- - - -			T5B-3-7
7	T5B-3-7	UP	3	6	+ - - + - - + + -	- - - -		3/07,23	
7	T5-3-7	UP	3	6	+ - - + - - + + -	- - - -		3/07,23	
8	T0-1-8	ST	3	2	+ + - + + + + -	- - - -	1/07-39	2/68	T0-1-15366
8	T3-1-8	ST	3	2	+ + - + - + + -	- - - -	1/07-39	2/68	T3-1-15366
8	T4A-1-8	ST	3	2	- - - - - - - -	- - - -			T5B-1-8
8	T5B-1-8	ST	3	2	+ - - + - - + + -	- - - -		3/62	
8	T5-1-8	ST	3	2	+ - - + - - + + -	- - - -		3/62	
9	T0-1-9	ST	3	2	+ + - + + + + -	- - - -	1/07-38	2/68	T0-1-8214
9	T3-1-9	ST	3	2	+ + - + - + + -	- - - -	1/07-38	2/68	T3-1-8214
10	T0-2-10	EA	2	4	+ + - + + + + -	+ - + +		2/04	T0-2-8293
10	T3-2-10	EA	2	4	+ + - + - + + -	+ - + +		2/04	T3-2-8293
10	T4A-2-10	EA	2	4	- - - - - - - -	- - - -			T5B-2-10
10	T5B-2-10	EA	2	4	+ - - + - - + + -	+ - + +		3/02	
10	T5-2-10	EA	2	4	+ - - + - - + + -	+ - + +		3/02	
11	T0-4-11	PD	2	8	+ + - + + + + -	- - - -	1/06-14	2/18	
11	T3-4-11	PD	2	8	+ + - + - + + -	- - - -	1/06-14	2/18	
11	T4A-4-11	PD	2	8	- - - - - - - -	- - - -			T5B-4-11
11	T5B-4-11	PD	2	8	+ - - + - - + + -	- - - -		3/19	
11	T5-4-11	PD	2	8	+ - - + - - + + -	- - - -		3/19	
12	T0-3-12	EA	2	6	+ + - + + + + -	+ - + +	1/05-32	2/04	T0-3-8342

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes	Seite Page-Pict.-No. Page	Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI9/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page	Seite Page	
12	T3-3-12	EA	2	6	+ + - + - + -	+ - + +	1/05-32	2/04	T3-3-8342
12	T41A-3-12	EA	2	6	- - - - - - -	- - - -			T5-3-8342
13	T0-6-13	EA	2	12	+ + - + + + -	- - - -	1/06-26	2/05	T0-6-8348
13	T3-6-13	EA	2	12	+ + - + - + -	- - - +	1/06-26	2/05	T3-6-8348
13	T4A-7-13	YD	4	10	- - - - - - -	- - - -			T5B-5-15892
14	T0-2-14	MU	4	4	+ + - + + + +	- - - -	1/14-19	2/58	T0-2-15920
14	T3-2-14	MU	4	4	+ + - + - + -	- - - -	1/14-19	2/58	T3-2-15920
15	T0-3-15	MU	5	5	+ + - + + + -	- - - -	1/18-01	2/58	T0-3-8010
15	T3-3-15	MU	5	5	+ + - + - + -	- - - -	1/18-01	2/58	T3-3-8010
16	T0-2-16	MU	4	4	+ + - + + + -	- - - -	1/14-20	2/58	T0-2-15921
16	T3-2-16	MU	4	4	+ + - + - + -	- - - -	1/14-20	2/58	T3-2-15921
17	T0-3-17	MU	5	5	+ + - + + + -	- - - -	1/18-02	2/58	T0-3-8401
17	T3-3-17	MU	5	5	+ + - + - + -	- - - -	1/18-02	2/58	T3-3-8401
18	T0-2-18	W	3	4	+ + - + + + -	- - - -	1/08-43	2/11	T0-2-8400
18	T3-2-18	W	3	4	+ + - + - + -	- - - -	1/08-43	2/11	T3-2-8400
18	T4A-2-18	W	3	4	- - - - - - -	- - - -			T5B-2-18
18	T5B-2-18	W	3	4	+ - + - - + +	- - - -		3/11	
18	T5-2-18	W	3	4	+ - + - - + +	- - - -		3/11	
19	T0-3-19	MU	7	6	+ + - + + + -	- - - -	1/21-01	2/59	T0-3-8007
19	T3-3-19	MU	7	6	+ + - + - + -	- - - -	1/21-01	2/59	T3-3-8007
20	T0-3-20	W	3	6	+ + - + + + -	- - - -	1/10-10	2/11	
20	T3-3-20	W	3	6	+ + - + - + -	- - - -	1/10-10	2/11	
20	T4A-3-20	W	3	6	- - - - - - -	- - - -			T5B-3-20
20	T5B-3-20	W	3	6	+ - + - - + +	- - - -		3/11	
20	T5-3-20	W	3	6	+ - + - - + +	- - - -		3/11	
21	T0-3-21	W	2	6	+ + - + + + -	- - - -	1/06-02	2/12	
21	T3-3-21	W	2	6	+ + - + - + -	- - - -	1/06-02	2/12	
21	T4A-3-21	W	2	6	- - - - - - -	- - - -			T5B-3-21
21	T5B-3-21	W	2	6	+ - + - - + +	- - - -		3/12	
21	T5-3-21	W	2	6	+ - + - - + +	- - - -		3/12	
22	T0-4-22	EA	2	8	+ + - + + + -	+ - + +	1/06-09	2/04	T0-4-8344
22	T3-4-22	EA	2	8	+ + - + - + -	+ - + +	1/06-09	2/04	T3-4-8344
23	T0-2-23	W	3	4	- - - - - - -	- - - -			T0-2-18
23	T3-2-23	W	3	4	- - - - - - -	- - - -			T3-2-18
23	T4A-2-23	W	3	4	- - - - - - -	- - - -			T5B-2-23
23	T5B-2-23	W	3	4	+ - + - - + +	- - - -		3/11	
23	T5-2-23	W	3	4	+ - + - - + +	- - - -		3/11	
24	T0-4-24	YD	3	7	+ + - + + + -	- - - -	1/10-21	2/13	T0-4-8419
24	T3-4-24	YD	3	7	+ + - + - + -	- - - -	1/10-21	2/13	T3-4-8419
24	T4A-4-24	YD	3	7	- - - - - - -	- - - -			T5B-4-24
24	T5B-4-24	YD	3	7	+ - + - - + +	- - - -		3/13	
24	T5-4-24	YD	3	7	+ - + - - + +	- - - -		3/13	
25	T0-5-25	YD	3	9	+ + - + + + -	- - - -	1/12-04	2/14	
25	T3-5-25	YD	3	9	+ + - + - + -	- - - -	1/12-04	2/14	
25	T4A-5-25	YD	3	9	- - - - - - -	- - - -			T5B-5-25
25	T5B-5-25	YD	3	9	+ - + - - + -	- - - -		3/14	
25	T5-5-25	YD	3	9	+ - + - - + -	- - - -		3/14	
29	T0-5-29	PD	3	10	+ + - + + + -	- - - -	1/12-18	2/17	T0-5-8444
29	T3-5-29	PD	3	10	+ + - + - + -	- - - -	1/12-18	2/17	T3-5-8444
29	T4A-5-29	PD	3	10	- - - - - - -	- - - -			T5B-5-29
29	T5B-5-29	PD	3	10	+ - + - - + -	- - - -		3/18	
29	T5-5-29	PD	3	10	+ - + - - + -	- - - -		3/18	
30	T0-5-30	PD	3	9	+ + - + + + -	- - - -	1/12-06	2/17	
30	T3-5-30	PD	3	9	+ + - + - + -	- - - -	1/12-06	2/17	
30	T4A-5-30	PD	3	9	- - - - - - -	- - - -			T5B-5-30
30	T5B-5-30	PD	3	9	+ - + - - + -	- - - -		3/18	
30	T5-5-30	PD	3	9	+ - + - - + -	- - - -		3/18	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
31	T0-5-31	PD	3	9	+ + - + + + - -	- - - - -	1/12-09	2/17	
31	T3-5-31	PD	3	9	+ + - + - + - -	- - - - -	1/12-09	2/17	
31	T4A-5-31	PD	3	9	- - - - - - - -	- - - - -			
31	T5B-5-31	PD	3	9	+ - + - - + - -	- - - - -		3/18	T5B-5-31
31	T5-5-31	PD	3	9	+ - + - - + - -	- - - - -		3/18	
32	T0-5-32	PD	3	10	+ + - + + + - -	- - - - -	1/12-20	2/18	
32	T3-5-32	PD	3	10	+ + - + + + - -	- - - - -	1/12-20	2/18	
32	T4A-5-32	PD	3	10	- - - - - - - -	- - - - -			
32	T5B-5-32	PD	3	10	+ - + - - + - -	- - - - -		3/19	T5B-5-32
32	T5-5-32	PD	3	10	+ - + - - + - -	- - - - -		3/19	
33	T0-5-33	PD	3	9	+ + - + + + - -	- - - - -	1/12-07	2/18	
33	T3-5-33	PD	3	9	+ + - + - + - -	- - - - -	1/12-07	2/18	
33	T4A-5-33	PD	3	9	- - - - - - - -	- - - - -			
33	T5B-5-33	PD	3	9	+ - + - - + - -	- - - - -		3/19	T5B-5-33
33	T5-5-33	PD	3	9	+ - + - - + - -	- - - - -		3/19	
34	T0-1-34	UW	2	2	+ + - + + + + -	- - - - -		2/07	T0-1-8220
34	T3-1-34	UW	2	2	+ + - + - + + -	- - - - -		2/07	T3-1-8220
34	T4A-1-34	UW	2	2	- - - - - - - -	- - - - -			T5B-1-34
34	T5B-1-34	UW	2	2	+ - + - - + + -	- - - - -		3/06	
34	T5-1-34	UW	2	2	+ - + - - + + -	- - - - -		3/06	
35	T0-2-35	UP	3	4	+ + - + + + + -	- - - - -	1/08-45	2/21	T0-2-8260
35	T3-2-35	UP	3	4	+ + - + - + + -	- - - - -	1/08-45	2/21	T3-2-8260
35	T4A-2-35	UP	3	4	- - - - - - - -	- - - - -			T5B-2-35
35	T5B-2-35	UP	3	4	+ - + - - + + -	- - - - -		3/08,22	
35	T5-2-35	UP	3	4	+ - + - - + + -	- - - - -		3/08,22	
36	T0-3-36	UP	3	5	+ + - + + + + -	- - - - -	1/09-17	2/21	
36	T3-3-36	UP	3	5	+ + - + - + + -	- - - - -	1/09-17	2/21	
36	T4A-3-36	UP	3	5	- - - - - - - -	- - - - -			T5B-3-36
36	T5B-3-36	UP	3	5	+ - + - - + + -	- - - - -		3/0922	
36	T5-3-36	UP	3	5	+ - + - - + + -	- - - - -		3/0922	
37	T0-2-37	UP	3	4	+ + - + + + + -	- - - - -	1/08-42	2/21	T0-2-8211
37	T3-2-37	UP	3	4	+ + - + - + + -	- - - - -	1/08-42	2/21	T3-2-8211
37	T4A-2-37	UP	3	4	- - - - - - - -	- - - - -			T5B-2-37
37	T5B-2-37	UP	3	4	+ - + - - + + -	- - - - -		3/07,22	
37	T5-2-37	UP	3	4	+ - + - - + + -	- - - - -		3/07,22	
38	T0-3-38	UP	3	5	+ + - + + + + -	- - - - -	1/09-16	2/21	
38	T3-3-38	UP	3	5	+ + - + - + + -	- - - - -	1/09-16	2/21	
38	T4A-3-38	UP	3	5	- - - - - - - -	- - - - -			T5B-3-38
38	T5B-3-38	UP	3	5	+ - + - - + + -	- - - - -		3/09,22	
38	T5-3-38	UP	3	5	+ - + - - + + -	- - - - -		3/09,22	
39	T0-2-39	UP	2	4	+ + - + + + + -	- - - - -		2/21	T0-2-8221
39	T3-2-39	UP	2	4	+ + - + - + + -	- - - - -		2/21	T3-2-8221
39	T4A-2-39	UP	2	4	- - - - - - - -	- - - - -			T5B-2-39
39	T5B-2-39	UP	2	4	+ - + - - + + -	- - - - -		3/06,22	
39	T5-2-39	UP	2	4	+ - + - - + + -	- - - - -		3/06,22	
41	T0-4-41	UG	3	8	+ + - + + + + -	- - - - -	1/11-15	2/10	
41	T3-4-41	UG	3	8	+ + - + - + + -	- - - - -	1/11-15	2/10	
41	T4A-4-41	UG	3	8	- - - - - - - -	- - - - -			T5B-4-41
41	T5B-4-41	UG	3	8	+ - + - - + + -	- - - - -		3/10	
41	T5-4-41	UG	3	8	+ - + - - + + -	- - - - -		3/10	
43	T0-6-43	EA	2	6	- - - - - - - -	- - - - -			T0-3-50
43	T3-6-43	EA	2	6	- - - - - - - -	- - - - -			T3-3-50
43	T41A-6-43	EA	2	6	- - - - - - - -	- - - - -			T5-3-50
44	T0-6-44	EA	3	6	- - - - - - - -	- - - - -			T0-3-7
44	T3-6-44	EA	3	6	- - - - - - - -	- - - - -			T3-3-7
44	T41A-6-44	EA	3	6	- - - - - - - -	- - - - -			T5-3-7
45	T0-4-45	UP	2	7	+ + - + + + + -	- - - - -	1/06-06	2/22	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19	/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
45	T3-4-45	UP	2	7	+ + - + - + + -	- - - - -	1/06-06	2/22	
45	T4A-4-45	UP	2	7	- - - - -	- - - - -			T5B-4-45
45	T5B-4-45	UP	2	7	+ - + - - + + -	- - - - -		3/23	
45	T5-4-45	UP	2	7	+ - + - - + + -	- - - - -		3/23	
46	T0-4-46	UP	3	8	+ + - + + + + -	- - - - -	1/11-20	2/21	
46	T3-4-46	UP	3	8	+ + - + - + + -	- - - - -	1/11-20	2/21	
46	T4A-4-46	UP	3	8	- - - - -	- - - - -			T5B-4-46
46	T5B-4-46	UP	3	8	+ - + - - + + -	- - - - -		3/10,22	
46	T5-4-46	UP	3	8	+ - + - - + + -	- - - - -		3/10,22	
47	T0-4-47	UP	3	7	+ + - + + + + -	- - - - -	1/10-26	2/21	
47	T3-4-47	UP	3	7	+ + - + - + + -	- - - - -	1/10-26	2/21	
47	T4A-4-47	UP	3	7	- - - - -	- - - - -			T5B-4-47
47	T5B-4-47	UP	3	7	+ - + - - + + -	- - - - -		3/09,22	
47	T5-4-47	UP	3	7	+ - + - - + + -	- - - - -		3/09,22	
48	T0-4-48	UP	3	7	+ + - + + + + -	- - - - -	1/10-23	2/22	
48	T3-4-48	UP	3	7	+ + - + - + + -	- - - - -	1/10-23	2/22	
48	T4A-4-48	UP	3	7	- - - - -	- - - - -			T5B-4-48
48	T5B-4-48	UP	3	7	+ - + - - + + -	- - - - -		3/09,23	
48	T5-4-48	UP	3	7	+ - + - - + + -	- - - - -		3/09,23	
49	T0-4-49	UP	3	8	+ + - + + + + -	- - - - -	1/11-19	2/22	
49	T3-4-49	UP	3	8	+ + - + - + + -	- - - - -	1/11-19	2/22	
49	T4A-4-49	UP	3	8	- - - - -	- - - - -			T5B-4-49
49	T5B-4-49	UP	3	8	+ - + - - + + -	- - - - -		3/10,23	
49	T5-4-49	UP	3	8	+ - + - - + + -	- - - - -		3/10,23	
50	T0-3-50	UP	2	6	+ + - + + + + -	- - - - -		2/22	T0-3-8222
50	T3-3-50	UP	2	6	+ + - + - + + -	- - - - -		2/22	T3-3-8222
50	T4A-3-50	UP	2	6	- - - - -	- - - - -			T5B-3-50
50	T5B-3-50	UP	2	6	+ - + - - + + -	- - - - -		3/06,23	
50	T5-3-50	UP	2	6	+ - + - - + + -	- - - - -		3/06,23	
55	T0-2-55	EA	2	4	+ + - + + + + -	- - - - -			T0-2-113
55	T3-2-55	EA	2	4	+ + - + - + + -	- - - - -			T3-2-113
55	T4A-2-55	EA	2	4	- - - - -	- - - - -			T5B-2-55
55	T5B-2-55	EA	2	4	+ - + - - + + -	+ - + + +			
55	T5-2-55	EA	2	4	+ - + - - + + -	- + + + +			
56	T0-2-56	EA	2	4	+ + - + + + + -	+ - + + +			T0-2-8324
56	T3-2-56	EA	2	4	+ + - + - + + -	+ - + + +			T3-2-8324
56	T4A-2-56	EA	2	4	- - - - -	- - - - -			T5B-2-56
56	T5B-2-56	EA	2	4	+ - + - - + + -	+ - + + +			
56	T5-2-56	EA	2	4	+ - + - - + + -	- + + + +			
65	T0-4-65	PD	3	8	+ + - + + + + -	- - - - -	1/11-22	2/18	T0-4-8441
65	T3-4-65	PD	3	8	+ + - + - + + -	- - - - -	1/11-22	2/18	T3-4-8441
65	T4A-4-65	PD	3	8	- - - - -	- - - - -			T5B-4-65
65	T5B-4-65	PD	3	8	+ - + - - + + -	- - - - -		3/19	
65	T5-4-65	PD	3	8	+ - + - - + + -	- - - - -		3/19	
66	T0-6-66	PD	5	12	+ + - + + + + -	- - - - -	1/19-02	2/20	T0-6-15866
66	T3-6-66	PD	5	12	+ + - + - + + -	- - - - -	1/19-02	2/20	T3-6-15866
66	T4A-7-66	PD	5	12	- - - - -	- - - - -			T5B-7-66
66	T5B-7-66	PD	5	12	+ - + - - + + -	- - - - -		3/21	
66	T5-7-66	PD	5	12	+ - + - - + + -	- - - - -		3/21	
67	T0-7-67	PD	5	14	+ + - + + + + -	- - - - -	1/19-10	2/20	T0-7-15867
67	T3-7-67	PD	5	14	+ + - + - + + -	- - - - -	1/19-10	2/20	T3-7-15867
67	T4A-9-67	PD	5	14	- - - - -	- - - - -			T5B-9-67
67	T5B-9-67	PD	5	14	+ - + - - + + -	- - - - -		3/21	
67	T5-9-67	PD	5	14	+ - + - - + + -	- - - - -		3/21	
68	T0-7-68	PD	5	13	+ + - + + + + -	- - - - -	1/19-07	2/20	
68	T3-7-68	PD	5	13	+ + - + - + + -	- - - - -	1/19-07	2/20	
68	T4A-7-68	PD	5	13	- - - - -	- - - - -			T5B-7-68

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
68	T5B-7-68	PD	5	13	+ - + - - + - -	- - - -		3/21	
68	T5-7-68	PD	5	13	+ - + - - + - -	- - - -		3/21	
69	T0-7-69	PD	5	13	+ + - + + + - -	- - - -	1/19-08	2/20	
69	T3-7-69	PD	5	13	+ + - + + + - -	- - - -	1/19-08	2/20	
69	T4A-7-69	PD	5	13	- - - - - - - -	- - - -			T5B-7-69
69	T5B-7-69	PD	5	13	+ - + - - + - -	- - - -		3/21	
69	T5-7-69	PD	5	13	+ - + - - + - -	- - - -		3/21	
71	T0-5-71	UP	5	10	+ + - + + + - -	- - - -	1/18-19	2/23	T0-5-8453
71	T3-5-71	UP	5	10	+ + - + - + - -	- - - -	1/18-19	2/23	T3-5-8453
71	T4A-6-71	UP	5	10	- - - - - - - -	- - - -			T5B-6-71
71	T5B-6-71	UP	5	10	+ - + - - + - -	- - - -		3/24	
71	T5-6-71	UP	5	10	+ - + - - + - -	- - - -		3/24	
72	T0-6-72	UP	5	12	+ + - + + + - -	- - - -	1/19-06	2/23	
72	T3-6-72	UP	5	12	+ + - + - + - -	- - - -	1/19-06	2/23	
72	T4A-8-72	UP	5	12	- - - - - - - -	- - - -			T5B-8-72
72	T5B-8-72	UP	5	12	+ - + - - + - -	- - - -		3/24	
72	T5-8-72	UP	5	12	+ - + - - + - -	- - - -		3/24	
73	T0-6-73	UP	5	11	+ + - + + + - -	- - - -	1/18-24	2/23	
73	T3-6-73	UP	5	11	+ + - + - + - -	- - - -	1/18-24	2/23	
73	T4A-6-73	UP	5	11	- - - - - - - -	- - - -			T5B-6-73
73	T5B-6-73	UP	5	11	+ - + - - + - -	- - - -		3/24	
73	T5-6-73	UP	5	11	+ - + - - + - -	- - - -		3/24	
74	T0-6-74	UP	5	11	+ + - + + + - -	- - - -	1/18-25	2/23	
74	T3-6-74	UP	5	11	+ + - + - + - -	- - - -	1/18-25	2/23	
74	T4A-6-74	UP	5	11	- - - - - - - -	- - - -			T5B-6-74
74	T5B-6-74	UP	5	11	+ - + - - + - -	- - - -		3/24	
74	T5-6-74	UP	5	11	+ - + - - + - -	- - - -		3/24	
76	T0-2-76	HP	3	3	+ + - + + + - -	- - - -	1/08-09	2/32	
76	T3-2-76	HP	3	3	+ + - + - + - -	- - - -	1/08-09	2/32	
76	T4A-2-76	HP	3	3	- - - - - - - -	- - - -			T5B-2-76
76	T5B-2-76	HP	3	3	+ - + - - + + -	- - - -		3/35	
76	T5-2-76	HP	3	3	+ - + - - + + -	- - - -		3/35	
78	T0-1-78	UG	3	2	+ + - + + + + -	- - - -	1/07-18	2/72	T0-1-15421
78	T3-1-78	UG	3	2	+ + - + - + + -	- - - -	1/07-18	2/72	T3-1-15421
78	T4A-1-78	UG	3	2	- - - - - - - -	- - - -			T5B-1-78
78	T5B-1-78	UG	3	2	+ - + - - + + -	- - - -		3/64	
78	T5-1-78	UG	3	2	+ - + - - + + -	- - - -		3/64	
79	T0-1-79	ST	2	2	+ + - + + + + -	- - - -		2/70	T0-1-15521
79	T3-1-79	ST	2	2	+ + - + - + + -	- - - -		2/70	T3-1-15521
80	T0-3-80	US	3	6	+ + - + + + + -	- - - -	1/10-12	2/31	T0-3-8314
80	T3-3-80	US	3	6	+ + - + - + + -	- - - -	1/10-12	2/31	T3-3-8314
80	T4A-3-80	US	3	6	- - - - - - - -	- - - -			T5B-3-80
80	T5B-3-80	US	3	6	+ - + - - + + -	- - - -		3/34	
80	T5-3-80	US	3	6	+ - + - - + + -	- - - -		3/34	
81	T0-4-81	US	3	8	+ + - + + + + -	- - - -	1/11-23	2/31	
81	T3-4-81	US	3	8	+ + - + - + + -	- - - -	1/11-23	2/31	
81	T4A-4-81	US	3	8	- - - - - - - -	- - - -			T5B-4-81
81	T5B-4-81	US	3	8	+ - + - - + + -	- - - -		3/34	
81	T5-4-81	US	3	8	+ - + - - + + -	- - - -		3/34	
82	T0-4-82	US	3	7	+ + - + + + + -	- - - -	1/10-24	2/31	
82	T3-4-82	US	3	7	+ + - + - + + -	- - - -	1/10-24	2/31	
82	T4A-4-82	US	3	7	- - - - - - - -	- - - -			T5B-4-82
82	T5B-4-82	US	3	7	+ - + - - + + -	- - - -		3/34	
82	T5-4-82	US	3	7	+ - + - - + + -	- - - -		3/34	
83	T0-3-83	US	3	6	- - - - - - - -	- - - -			T0-3-8314
83	T3-3-83	US	3	6	- - - - - - - -	- - - -			T3-3-8314
84	T0-4-84	US	3	8	- - - - - - - -	- - - -			T0-4-81

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes	Alternativ-Typ Alternative-Type Type alternatif	
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page	
84	T3-4-84	US	3	8	-	-	-	-	T3-4-81
85	T0-4-85	US	3	7	-	-	-	-	T0-4-82
85	T3-4-85	US	3	7	-	-	-	-	T3-4-82
86	T0-4-86	UG	3	8	+	+	-	+	T0-4-8480
86	T3-4-86	UG	3	8	+	+	-	+	T3-4-8480
86	T4A-4-86	UG	3	8	-	-	-	-	T5B-4-86
86	T5B-4-86	UG	3	8	+	-	+	-	3/08
86	T5-4-86	UG	3	8	+	-	+	-	3/08
87	T0-5-87	UG	3	9	+	+	-	+	1/12-11 2/09
87	T3-5-87	UG	3	9	+	+	-	+	1/12-11 2/09
87	T4A-5-87	UG	3	9	-	-	-	-	T5B-5-87
87	T5B-5-87	UG	3	9	+	-	+	-	3/09
87	T5-5-87	UG	3	9	+	-	+	-	3/09
88	T0-4-88	UG	3	8	+	+	-	+	1/11-14 2/08
88	T3-4-88	UG	3	8	+	+	-	+	1/11-14 2/08
88	T4A-4-88	UG	3	8	-	-	-	-	T5B-4-88
88	T5B-4-88	UG	3	8	+	-	+	-	3/07
88	T5-4-88	UG	3	8	+	-	+	-	3/07
89	T0-5-89	UG	3	9	+	+	-	+	1/12-10 2/09
89	T3-5-89	UG	3	9	+	+	-	+	1/12-10 2/09
89	T4A-5-89	UG	3	9	-	-	-	-	T5B-5-89
89	T5B-5-89	UG	3	9	+	-	+	-	3/09
89	T5-5-89	UG	3	9	+	-	+	-	3/09
90	T0-4-90	UW	2	8	+	+	-	+	T0-4-8223
90	T3-4-90	UW	2	8	+	+	-	+	T3-4-8223
90	T4A-4-90	UW	2	8	-	-	-	-	T5B-4-90
90	T41A-8-90	UW	2	8	-	-	-	-	T5-4-90
90	T5B-4-90	UW	2	8	+	-	+	-	3/06
90	T5-4-90	UW	2	8	+	-	+	-	3/06
91	T0-1-91	US	3	2	+	+	-	+	1/07-09 2/35
91	T3-1-91	US	3	2	+	+	-	+	1/07-09 2/35
91	T4A-1-91	US	3	2	-	-	-	-	T5B-1-91
91	T5B-1-91	US	3	2	+	-	+	-	3/37
91	T5-1-91	US	3	2	+	-	+	-	3/37
92	T0-2-92	SH	4	3	+	+	-	+	1/13-32 2/35
92	T3-2-92	SH	4	3	+	+	-	+	1/13-32 2/35
92	T4A-2-92	SH	4	3	-	-	-	-	T5B-2-92
92	T5B-2-92	SH	4	3	+	-	+	-	3/37
92	T5-2-92	SH	4	3	+	-	+	-	3/37
93	T0-1-93	US	4	2	+	+	-	+	1/13-17 2/35
93	T3-1-93	US	4	2	+	+	-	+	1/13-17 2/35
93	T4A-1-93	US	4	2	-	-	-	-	T5B-1-93
93	T5B-1-93	US	4	2	+	-	+	-	3/37
93	T5-1-93	US	4	2	+	-	+	-	3/37
94	T0-2-94	SH	3	3	+	+	-	+	1/08-08 2/35
94	T3-2-94	SH	3	3	+	+	-	+	1/08-08 2/35
94	T4A-2-94	SH	3	3	-	-	-	-	T5B-2-94
94	T5B-2-94	SH	3	3	+	-	+	-	3/37
94	T5-2-94	SH	3	3	+	-	+	-	3/37
95	T0-2-95	SH	4	4	+	+	-	+	1/14-16 2/35
95	T3-2-95	SH	4	4	+	+	-	+	1/14-16 2/35
95	T4A-2-95	SH	4	4	-	-	-	-	T5B-2-95
95	T5B-2-95	SH	4	4	+	-	+	-	3/37
95	T5-2-95	SH	4	4	+	-	+	-	3/37
96	T0-2-96	US	4	3	+	+	-	+	1/13-33 2/35
96	T3-2-96	US	4	3	+	+	-	+	1/13-33 2/35
96	T4A-2-96	US	4	3	-	-	-	-	T5B-2-96

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
96	T5B-2-96	US	4	3	+ - + - - + + -	- - - -		3/37	
96	T5-2-96	US	4	3	+ - + - - + - +	- - - -		3/37	
97	T0-1-97	SE	2	2	+ + - + + + + -	- - - -		2/73	T0-1-8220
97	T3-1-97	SE	2	2	+ + - + - + + -	- - - -		2/73	T3-1-8220
97	T4A-1-97	SE	2	2	- - - - - - - -	- - - -			T5B-1-97
97	T5B-1-97	SE	2	2	+ - + - - + + -	- - - -		3/64	
97	T5-1-97	SE	2	2	+ - + - - + - +	- - - -		3/64	
98	T0-1-98	ST	3	2	+ + - + + + + -	- - - -	1/07-28	2/69	T0-1-15511
98	T3-1-98	ST	3	2	+ + - + - + + -	- - - -	1/07-28	2/69	T3-1-15511
98	T4A-1-98	ST	3	2	- - - - - - - -	- - - -			T5B-1-98
98	T5B-1-98	ST	3	2	+ - + - - + + -	- - - -			
98	T5-1-98	ST	3	2	+ - + - - + - +	- - - -			
99	T0-2-99	ST	5	4	+ + - + + + + -	- - - -	1/17-27	2/69	T0-2-8177
99	T3-2-99	ST	5	4	+ + - + - + + -	- - - -	1/17-27	2/69	T3-2-8177
102	T0-1-102	EA	2	2	+ + - + + + + -	+ - + +	1/04-13	2/04	
102	T3-1-102	EA	2	2	+ + - + - + + -	+ - + +	1/04-13	2/04	
102	T4A-1-102	EA	2	2	- - - - - - - -	- - - -			T5B-1-102
102	T5B-1-102	EA	2	2	+ - + - - + + -	+ - + +		3/02	
102	T5-1-102	EA	2	2	+ - + - - + - +	- + + +		3/02	
103	T0-6-103	PD	4	11	+ + - + + + - -	- - - -	1/16-06	2/19	
103	T3-6-103	PD	4	11	+ + - + - + - -	- - - -	1/16-06	2/19	
103	T4A-6-103	PD	4	11	- - - - - - - -	- - - -			T5B-6-103
103	T5B-6-103	PD	4	11	+ - + - - + - -	- - - -		3/20	
103	T5-6-103	PD	4	11	+ - + - - + - -	- - - -		3/20	
104	T0-6-104	PD	4	12	+ + - + + + - -	- - - -	1/16-30	2/19	
104	T3-6-104	PD	4	12	+ + - + - + - -	- - - -	1/16-30	2/19	
104	T4A-6-104	PD	4	12	- - - - - - - -	- - - -			T5B-6-104
104	T5B-6-104	PD	4	12	+ - + - - + - -	- - - -		3/20	
104	T5-6-104	PD	4	12	+ - + - - + - -	- - - -		3/20	
106	T0-4-106	UP	3	7	+ + - + + + + -	- - - -	1/10-27	2/22	
106	T3-4-106	UP	3	7	+ + - + - + + -	- - - -	1/10-27	2/22	
106	T4A-4-106	UP	3	7	- - - - - - - -	- - - -			T5B-4-106
106	T5B-4-106	UP	3	7	+ - + - - + + -	- - - -		3/10,23	
106	T5-4-106	UP	3	7	+ - + - - + - +	- - - -		3/10,23	
113	T0-2-113	EA	2	4	+ + - + + + + -	+ - + +	1/05-06	2/04	T0-3-15680
113	T3-2-113	EA	2	4	+ + - + - + + -	+ - + +	1/05-06	2/04	T3-3-15680
113	T4A-2-113	EA	2	4	- - - - - - - -	- - - -			T5B-2-113
113	T5B-2-113	EA	2	4	+ - + - - + + -	+ - + +		3/03	
113	T5-2-113	EA	2	4	+ - + - - + - +	- + + +		3/03	
114	T0-3-114	W	3	5	- - - - - - - -	- - - -			T0-3-2
114	T3-3-114	W	3	5	- - - - - - - -	- - - -			T3-3-2
114	T4A-3-114	W	3	5	- - - - - - - -	- - - -			T5B-3-2
115	T0-3-115	W	2	5	+ + - + + + + -	- - - -	1/05-25	2/12	
115	T3-3-115	W	2	5	+ + - + - + + -	- - - -	1/05-25	2/12	
115	T4A-3-115	W	2	5	- - - - - - - -	- - - -			T5B-3-115
115	T5B-3-115	W	2	5	+ - + - - + + -	- - - -		3/12	
115	T5-3-115	W	2	5	+ - + - - + - +	- - - -		3/12	
116	T4A-3-116	EA	2	4	- - - - - - - -	- - - -			T5B-2-1+UV-P3
117	T4A-2-117	EA	2	4	- - - - - - - -	- - - -			T5B-2-1
118	T0-4-118	EA	2	6	- - - - - - - -	- - - -			T0-3-8342
118	T3-4-118	EA	2	6	- - - - - - - -	- - - -			T3-3-8342
118	T4A-4-118	EA	2	6	- - - - - - - -	- - - -			T5B-3-8342
119	T0-5-119	PD	2	9	+ + - + + + - -	- - - -	1/06-20	2/18	
119	T3-5-119	PD	2	9	+ + - + - + - -	- - - -	1/06-20	2/18	
119	T4A-5-119	PD	2	9	- - - - - - - -	- - - -			T5B-5-119
119	T5B-5-119	PD	2	9	+ - + - - + - -	- - - -		3/19	
119	T5-5-119	PD	2	9	+ - + - - + - -	- - - -		3/19	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
120	T0-9-120	EA	3	8	- - - - - - - -	- - - - -	→		T0-4-88
120	T3-9-120	EA	3	8	- - - - - - - -	- - - - -	→		T3-4-88
120	T41A-8-120	EA	3	8	- - - - - - - -	- - - - -	→		T5-4-88
123	T0-3-123	W	3	6	+ + - - + + + +	- - - - -	1/10-09	2/12	
123	T3-3-123	W	3	6	+ + - - + + + +	- - - - -	1/10-09	2/12	
123	T4A-3-123	W	3	6	- - - - - - - -	- - - - -	→		T5B-3-123
123	T5B-3-123	W	3	6	+ - + - - + + -	- - - - -		3/12	
123	T5-3-123	W	3	6	+ - + - - + + -	- - - - -		3/12	
124	T0-5-124	PD	3	9	+ + - - + + + -	- - - - -	1/12-05	2/18	
124	T3-5-124	PD	3	9	+ + - - + + + -	- - - - -	1/12-05	2/18	
124	T4A-5-124	PD	3	9	- - - - - - - -	- - - - -	→		T5B-5-124
124	T5B-5-124	PD	3	9	+ - + - - + - -	- - - - -		3/19	
124	T5-5-124	PD	3	9	+ - + - - + - -	- - - - -		3/19	
126	T0-6-126	YD	3	11	+ + - - + + + -	- - - - -	1/12-22	2/14	
126	T3-6-126	YD	3	11	+ + - - + + + -	- - - - -	1/12-22	2/14	
126	T4A-6-126	YD	3	11	- - - - - - - -	- - - - -	→		T5B-6-126
126	T5B-6-126	YD	3	11	+ - + - - + - -	- - - - -		3/14	
126	T5-6-126	YD	3	11	+ - + - - + - -	- - - - -		3/14	
130	T0-3-130	EA	2	6	+ + - - + + + -	+ - + +	1/05-37		T0-3-15680
130	T3-3-130	EA	2	6	+ + - - + + + -	+ - + +	1/05-37		T3-3-15680
130	T4A-3-130	EA	2	6	- - - - - - - -	- - - - -	→		T5B-3-130
130	T5B-3-130	EA	2	6	+ - + - - + + -	+ - + +		3/03	
130	T5-3-130	EA	2	6	+ - + - - + + -	- + + +		3/03	
131	T0-4-131	W	3	7	+ + - - + + + -	- - - - -	1/10-22	2/11	
131	T3-4-131	W	3	7	+ + - - + + + -	- - - - -	1/10-22	2/11	
131	T4A-4-131	W	3	7	- - - - - - - -	- - - - -	→		T5B-4-131
131	T5B-4-131	W	3	7	+ - + - - + + -	- - - - -		3/11	
131	T5-4-131	W	3	7	+ - + - - + + -	- - - - -		3/11	
132	T0-7-132	UP	4	13	+ + - - + + + -	- - - - -	1/17-11	2/25	
132	T3-7-132	UP	4	13	+ + - - + + + -	- - - - -	1/17-11	2/25	
132	T4A-7-132	UP	4	13	- - - - - - - -	- - - - -	→		T5B-7-132
132	T5B-7-132	UP	4	13	+ - + - - + - -	- - - - -		3/26	
132	T5-7-132	UP	4	13	+ - + - - + - -	- - - - -		3/26	
133	T0-4-133	YD	2	8	+ + - - + + + -	- - - - -	1/06-15	2/14	
133	T3-4-133	YD	2	8	+ + - - + + + -	- - - - -	1/06-15	2/14	
133	T4A-4-133	YD	2	8	- - - - - - - -	- - - - -	→		T5B-4-133
133	T5B-4-133	YD	2	8	+ - + - - + + -	- - - - -		3/15	
133	T5-4-133	YD	2	8	+ - + - - + + -	- - - - -		3/15	
134	T0-5-134	YD	2	9	+ + - - + + + -	- - - - -	1/06-21	2/14	
134	T3-5-134	YD	2	9	+ + - - + + + -	- - - - -	1/06-21	2/14	
134	T4A-5-134	YD	2	9	- - - - - - - -	- - - - -	→		T5B-5-134
134	T5B-5-134	YD	2	9	+ - + - - + - -	- - - - -		3/15	
134	T5-5-134	YD	2	9	+ - + - - + - -	- - - - -		3/15	
135	T0-4-135	UP	3	7	+ + - - + + + -	- - - - -	1/10-28	2/21	
135	T3-4-135	UP	3	7	+ + - - + + + -	- - - - -	1/10-28	2/21	
135	T4A-4-135	UP	3	7	- - - - - - - -	- - - - -	→		T5B-4-135
135	T5B-4-135	UP	3	7	+ - + - - + + -	- - - - -		3/10,22	
135	T5-4-135	UP	3	7	+ - + - - + + -	- - - - -		3/10,22	
136	T0-3-136	MU	4	6	+ + - - + + + -	- - - - -	1/15-04	2/61	T0-3-8048
136	T3-3-136	MU	4	6	+ + - - + + + -	- - - - -	1/15-04	2/61	T3-3-8048
137	T0-8-137	UP	5	16	+ + - - + + + -	- - - - -	1/19-17	2/31	
137	T3-8-137	UP	5	16	+ + - - + + + -	- - - - -	1/19-17	2/31	
137	T4A-10-137	UP	5	16	- - - - - - - -	- - - - -	→		T5B-10-137
137	T5B-10-137	UP	5	16	+ - + - - + - -	- - - - -		3/33	
137	T5-10-137	UP	5	16	+ - + - - + - -	- - - - -		3/33	
140	T0-1-140	SU	2	1	+ + - - + + + -	- - - - -	1/04-04	2/37	
140	T3-1-140	SU	2	1	+ + - - + + + -	- - - - -	1/04-04	2/37	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
140	T4A-1-140	SU	2	1	-	-	-	-	T5B-1-140
140	T5B-1-140	SU	2	1	+	-	+	-	3/39
140	T5-1-140	SU	2	1	+	-	+	-	3/39
141	T0-1-141	SU	3	2	+	+	-	+	1/07-16
141	T3-1-141	SU	3	2	+	+	-	+	2/37
141	T4A-1-141	SU	3	2	-	-	-	-	T0-1-8240
141	T5B-1-141	SU	3	2	-	-	-	-	T3-1-8240
141	T5-1-141	SU	3	2	+	-	+	-	T5B-1-141
141	T5-1-141	SU	3	2	+	-	+	-	3/39
142	T0-2-142	SU	4	3	+	+	-	+	1/13-31
142	T3-2-142	SU	4	3	+	+	-	+	2/37
142	T4A-2-142	SU	4	3	-	-	-	-	T0-2-8241
142	T5B-2-142	SU	4	3	+	-	+	-	T3-2-8241
142	T5-2-142	SU	4	3	+	-	+	-	T5B-2-142
143	T0-2-143	SU	5	4	+	+	-	+	3/39
143	T3-2-143	SU	5	4	+	+	-	+	3/39
143	T4A-2-143	SU	5	4	-	-	-	-	1/17-24
143	T5B-3-143	SU	5	4	+	-	+	-	2/37
143	T5-3-143	SU	5	4	+	-	+	-	T0-2-8242
144	T0-3-144	SU	6	5	+	+	-	+	T3-2-8242
144	T3-3-144	SU	6	5	+	+	-	+	T5B-2-143
144	T4A-3-144	SU	6	5	-	-	-	-	3/39
144	T5B-3-144	SU	6	5	+	-	+	-	3/39
144	T5-3-144	SU	6	5	+	-	+	-	3/39
145	T0-3-145	SU	7	6	+	+	-	+	1/20-26
145	T3-3-145	SU	7	6	+	+	-	+	2/37
145	T4A-4-145	SU	7	6	-	-	-	-	T0-3-8244
145	T5B-4-145	SU	7	6	+	-	+	-	T3-3-8244
145	T5-4-145	SU	7	6	+	-	+	-	T5B-4-145
146	T0-4-146	SU	8	7	+	+	-	+	3/39
146	T3-4-146	SU	8	7	+	+	-	+	3/39
146	T4A-4-146	SU	8	7	-	-	-	-	1/21-21
146	T5B-4-146	SU	8	7	+	-	+	-	2/37
146	T5-4-146	SU	8	7	+	-	+	-	T0-4-8245
147	T0-1-147	SU	2	2	+	+	-	+	T3-4-8245
147	T3-1-147	SU	2	2	+	+	-	+	T5B-4-146
147	T4A-1-147	SU	2	2	-	-	-	-	3/39
147	T5B-1-147	SU	2	2	+	-	+	-	3/39
147	T5-1-147	SU	2	2	+	-	+	-	1/21-21
148	T0-2-148	SU	3	3	+	+	-	+	2/37
148	T3-2-148	SU	3	3	+	+	-	+	2/37
148	T4A-2-148	SU	3	3	-	-	-	-	T0-2-8230
148	T5B-2-148	SU	3	3	+	-	+	-	T3-2-8230
148	T5-2-148	SU	3	3	+	-	+	-	T5B-2-148
149	T0-2-149	SU	4	4	+	+	-	+	3/41
149	T3-2-149	SU	4	4	+	+	-	+	3/41
149	T4A-2-149	SU	4	4	-	-	-	-	1/08-05
149	T5B-2-149	SU	4	4	+	-	+	-	2/39
149	T5-2-149	SU	4	4	+	-	+	-	T0-2-8231
150	T0-3-150	SU	5	5	+	+	-	+	T3-2-8231
150	T3-3-150	SU	5	5	+	+	-	+	T5B-2-149
150	T4A-3-150	SU	5	5	-	-	-	-	3/41
150	T5B-3-150	SU	5	5	+	-	+	-	3/41
150	T5-3-150	SU	5	5	+	-	+	-	1/14-15
151	T0-3-151	SU	6	6	+	+	-	+	2/39
151	T3-3-151	SU	6	6	+	+	-	+	2/39
151	T4A-3-151	SU	6	6	-	-	-	-	T0-3-8232
151	T5B-3-151	SU	6	6	+	-	+	-	T3-3-8232
151	T5-3-151	SU	6	6	+	-	+	-	T5B-3-150
151	T5B-3-151	SU	6	6	+	-	+	-	3/41

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
151	T5-3-151	SU	6	6	+ - + - - + - +	- - - -		3/41	
152	T0-4-152	SU	7	7	+ + - + + + + -	- - - -	1/21-04	2/40	T0-4-8234
152	T3-4-152	SU	7	7	+ + - + - + + -	- - - -	1/21-04	2/40	T3-4-8234
152	T4A-4-152	SU	7	7	- - - - - - - -	- - - -			T5B-4-152
152	T5B-4-152	SU	7	7	+ - + - - + + -	- - - -		3/42	
152	T5-4-152	SU	7	7	+ - + - - + + -	- - - -		3/42	
153	T0-4-153	SU	8	8	+ + - + + + + -	- - - -	1/21-26	2/40	T0-4-8235
153	T3-4-153	SU	8	8	+ + - + - + + -	- - - -	1/21-26	2/40	T3-4-8235
153	T4A-4-153	SU	8	8	- - - - - - - -	- - - -			T5B-4-153
153	T5B-4-153	SU	8	8	+ - + - - + + -	- - - -		3/42	
153	T5-4-153	SU	8	8	+ - + - - + + -	- - - -		3/42	
154	T0-6-154	UP	4	12	+ + - + + + - -	- - - -	1/16-24	2/24	T0-6-8455
154	T3-6-154	UP	4	12	+ + - + - + - -	- - - -	1/16-24	2/24	T3-6-8455
154	T4A-6-154	UP	4	12	- - - - - - - -	- - - -			T5B-6-154
154	T5B-6-154	UP	4	12	+ - + - - + - -	- - - -		3/25	
154	T5-6-154	UP	4	12	+ - + - - + - -	- - - -		3/25	
155	T0-7-155	UP	4	13	+ + - + + + - -	- - - -	1/17-08	2/24	
155	T3-7-155	UP	4	13	+ + - + - + - -	- - - -	1/17-08	2/24	
155	T4A-7-155	UP	4	13	- - - - - - - -	- - - -			T5B-7-155
155	T5B-7-155	UP	4	13	+ - + - - + - -	- - - -		3/25	
155	T5-7-155	UP	4	13	+ - + - - + - -	- - - -		3/25	
156	T0-6-156	UP	3	12	+ + - + + + - -	- - - -	1/12-27	2/24	
156	T3-6-156	UP	3	12	+ + - + - + - -	- - - -	1/12-27	2/24	
156	T4A-6-156	UP	3	12	- - - - - - - -	- - - -			T5B-6-156
156	T5B-6-156	UP	3	12	+ - + - - + - -	- - - -		3/25	
156	T5-6-156	UP	3	12	+ - + - - + - -	- - - -		3/25	
157	T0-7-157	UP	3	13	+ + - + + + - -	- - - -	1/13-01	2/24	
157	T3-7-157	UP	3	13	+ + - + - + - -	- - - -	1/13-01	2/24	
157	T4A-7-157	UP	3	13	- - - - - - - -	- - - -			T5B-7-157
157	T5B-7-157	UP	3	13	+ - + - - + - -	- - - -		3/25	
157	T5-7-157	UP	3	13	+ - + - - + - -	- - - -		3/25	
158	T0-6-158	UP	4	12	+ + - + + + - -	- - - -	1/16-26	2/25	
158	T3-6-158	UP	4	12	+ + - + - + - -	- - - -	1/16-26	2/25	
158	T4A-6-158	UP	4	12	- - - - - - - -	- - - -			T5B-6-158
158	T5B-6-158	UP	4	12	+ - + - - + - -	- - - -		3/26	
158	T5-6-158	UP	4	12	+ - + - - + - -	- - - -		3/26	
159	T0-7-159	UP	4	13	+ + - + + + - -	- - - -	1/17-09	2/25	
159	T3-7-159	UP	4	13	+ + - + - + - -	- - - -	1/17-09	2/25	
159	T4A-7-159	UP	4	13	- - - - - - - -	- - - -			T5B-7-159
159	T5B-7-159	UP	4	13	+ - + - - + - -	- - - -		3/26	
159	T5-7-159	UP	4	13	+ - + - - + - -	- - - -		3/26	
160	T0-6-160	UP	3	12	+ + - + + + - -	- - - -	1/12-29	2/25	
160	T3-6-160	UP	3	12	+ + - + - + - -	- - - -	1/12-29	2/25	
160	T4A-6-160	UP	3	12	- - - - - - - -	- - - -			T5B-6-160
160	T5B-6-160	UP	3	12	+ - + - - + - -	- - - -		3/26	
160	T5-6-160	UP	3	12	+ - + - - + - -	- - - -		3/26	
161	T0-7-161	UP	3	13	+ + - + + + - -	- - - -	1/12-30	2/25	
161	T3-7-161	UP	3	13	+ + - + - + - -	- - - -	1/12-30	2/25	
161	T4A-7-161	UP	3	13	- - - - - - - -	- - - -			T5B-7-161
161	T5B-7-161	UP	3	13	+ - + - - + - -	- - - -		3/26	
161	T5-7-161	UP	3	13	+ - + - - + - -	- - - -		3/26	
162	T0-6-162	UP	4	12	+ + - + + + - -	- - - -	1/16-27	2/26	T0-6-8459
162	T3-6-162	UP	4	12	+ + - + - + - -	- - - -	1/16-27	2/26	T3-6-8459
162	T4A-6-162	UP	4	12	- - - - - - - -	- - - -			T5B-6-162
162	T5B-6-162	UP	4	12	+ - + - - + - -	- - - -		3/27	
162	T5-6-162	UP	4	12	+ - + - - + - -	- - - -		3/27	
163	T0-7-163	UP	4	13	+ + - + + + - -	- - - -	1/17-10	2/26	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
163	T3-7-163	UP	4	13	+ + - + - + - -	- - - - -	1/17-10	2/26	
163	T4A-7-163	UP	4	13	- - - - -	- - - - -			T5B-7-163
163	T5B-7-163	UP	4	13	+ - + - - + - -	- - - - -		3/27	
163	T5-7-163	UP	4	13	+ - + - - + - -	- - - - -		3/27	
164	T0-6-164	UP	3	12	+ + - + + - - -	- - - - -	1/12-28	2/26	
164	T3-6-164	UP	3	12	+ + - + - + - -	- - - - -	1/12-28	2/26	
164	T4A-6-164	UP	3	12	- - - - -	- - - - -			T5B-6-164
164	T5B-6-164	UP	3	12	+ - + - - + - -	- - - - -		3/27	
164	T5-6-164	UP	3	12	+ - + - - + - -	- - - - -		3/27	
165	T0-7-165	UP	3	13	+ + - + + + - -	- - - - -	1/13-02	2/26	
165	T3-7-165	UP	3	13	+ + - + - + - -	- - - - -	1/13-02	2/26	
165	T4A-7-165	UP	3	13	- - - - -	- - - - -			T5B-7-165
165	T5B-7-165	UP	3	13	+ - + - - + - -	- - - - -		3/27	
165	T5-7-165	UP	3	13	+ - + - - + - -	- - - - -		3/27	
170	T0-1-170	SU	3	2	+ + - + + + + -	- - - - -	1/07-17	2/54	T0-1-8310
170	T3-1-170	SU	3	2	+ + - + - + + -	- - - - -	1/07-17	2/54	T3-1-8310
170	T4A-1-170	SU	3	2	- - - - -	- - - - -			T5B-1-170
170	T5B-1-170	SU	3	2	+ - + - - + + -	- - - - -		3/57	
170	T5-1-170	SU	3	2	+ - + - - + - +	- - - - -		3/57	
171	T0-2-171	SU	4	3	+ + - + + + + -	- - - - -	1/13-30	2/54	T0-2-8311
171	T3-2-171	SU	4	3	+ + - + - + + -	- - - - -	1/13-30	2/54	T3-2-8311
171	T4A-2-171	SU	4	3	- - - - -	- - - - -			T5B-2-171
171	T5B-2-171	SU	4	3	+ - + - - + + -	- - - - -		3/57	
171	T5-2-171	SU	4	3	+ - + - - + - +	- - - - -		3/57	
172	T0-2-172	SU	5	4	+ + - + + + + -	- - - - -	1/17-25	2/54	
172	T3-2-172	SU	5	4	+ + - + - + + -	- - - - -	1/17-25	2/54	
172	T4A-4-172	SU	5	4	- - - - -	- - - - -			T5B-4-172
172	T5B-4-172	SU	5	4	+ - + - - + + -	- - - - -		3/57	
172	T5-4-172	SU	5	4	+ - + - - + - +	- - - - -		3/57	
173	T0-3-173	SU	6	5	+ + - + + + + -	- - - - -	1/19-21	2/54	
173	T3-3-173	SU	6	5	+ + - + - + + -	- - - - -	1/19-21	2/54	
173	T4A-5-173	SU	6	5	- - - - -	- - - - -			T5B-5-173
173	T5B-5-173	SU	6	5	+ - + - - + - -	- - - - -		3/57	
173	T5-5-173	SU	6	5	+ - + - - + - -	- - - - -		3/57	
174	T0-3-174	SU	7	6	+ + - + + + + -	- - - - -	1/20-25	2/54	
174	T3-3-174	SU	7	6	+ + - + - + + -	- - - - -	1/20-25	2/54	
174	T4A-6-174	SU	7	6	- - - - -	- - - - -			T5B-6-174
174	T5B-6-174	SU	7	6	+ - + - - + - -	- - - - -		3/57	
174	T5-6-174	SU	7	6	+ - + - - + - -	- - - - -		3/57	
175	T0-4-175	SU	8	7	+ + - + + + + -	- - - - -	1/21-22	2/54	
175	T3-4-175	SU	8	7	+ + - + - + + -	- - - - -	1/21-22	2/54	
175	T4A-7-175	SU	8	7	- - - - -	- - - - -			T5B-7-175
175	T5B-7-175	SU	8	7	+ - + - - + - -	- - - - -		3/57	
175	T5-7-175	SU	8	7	+ - + - - + - -	- - - - -		3/57	
176	T0-1-176	SU	2	2	+ + - + + + + -	- - - - -		2/55	
176	T3-1-176	SU	2	2	+ + - + - + + -	- - - - -		2/55	
176	T4A-1-176	SU	2	2	- - - - -	- - - - -			T5B-1-176
176	T5B-1-176	SU	2	2	+ - + - - + + -	- - - - -		3/58	
176	T5-1-176	SU	2	2	+ - + - - + - +	- - - - -		3/58	
177	T0-2-177	SU	3	3	+ + - + + + + -	- - - - -	1/08-06	2/55	
177	T3-2-177	SU	3	3	+ + - + - + + -	- - - - -	1/08-06	2/55	
177	T4A-2-177	SU	3	3	- - - - -	- - - - -			T5B-2-177
177	T5B-2-177	SU	3	3	+ - + - - + + -	- - - - -		3/58	
177	T5-2-177	SU	3	3	+ - + - - + - +	- - - - -		3/58	
178	T0-2-178	SU	4	4	+ + - + + + + -	- - - - -	1/14-18	2/55	
178	T3-2-178	SU	4	4	+ + - + - + + -	- - - - -	1/14-18	2/55	
178	T4A-2-178	SU	4	4	- - - - -	- - - - -			T5B-2-178

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes	Seite Page	Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page	
178	T5B-2-178	SU	4	4	+ - + - - + + -	- - - -		3/58	
178	T5-2-178	SU	4	4	+ - + - - + + -	- - - -		3/58	
179	T0-3-179	SU	5	5	+ + - + + + + -	- - - -	1/17-32	2/55	
179	T3-3-179	SU	5	5	+ + - + + + + -	- - - -	1/17-32	2/55	
179	T4A-4-179	SU	5	5	- - - - - - - -	- - - -			T5B-4-179
179	T5B-4-179	SU	5	5	+ - + - - + + -	- - - -		3/58	
179	T5-4-179	SU	5	5	+ - + - - + + -	- - - -		3/58	
180	T0-3-180	SU	6	6	+ + - + + + + -	- - - -	1/20-05	2/55	
180	T3-3-180	SU	6	6	+ + - + + + + -	- - - -	1/20-05	2/55	
180	T4A-5-180	SU	6	6	- - - - - - - -	- - - -			T5B-5-180
180	T5B-5-180	SU	6	6	+ - + - - + - -	- - - -		3/58	
180	T5-5-180	SU	6	6	+ - + - - + - -	- - - -		3/58	
181	T0-4-181	SU	7	7	+ + - + + + + -	- - - -	1/21-05	2/55	
181	T3-4-181	SU	7	7	+ + - + + + + -	- - - -	1/21-05	2/55	
181	T4A-6-181	SU	7	7	- - - - - - - -	- - - -			T5B-6-181
181	T5B-6-181	SU	7	7	+ - + - - + - -	- - - -		3/58	
181	T5-6-181	SU	7	7	+ - + - - + - -	- - - -		3/58	
182	T0-4-182	SU	8	8	+ + - + + + + -	- - - -	1/22-02	2/55	
182	T3-4-182	SU	8	8	+ + - + + + + -	- - - -	1/22-02	2/55	
182	T4A-7-182	SU	8	8	- - - - - - - -	- - - -			T5B-7-182
182	T5B-7-182	SU	8	8	+ - + - - + - -	- - - -		3/58	
182	T5-7-182	SU	8	8	+ - + - - + - -	- - - -		3/58	
183	T0-5-183	MU	4	9	+ + - + + + - -	- - - -	1/15-20	2/60	T0-5-15925
183	T3-5-183	MU	4	9	+ + - + + + - -	- - - -	1/15-20	2/60	T3-5-15925
183	T4A-6-183	MU	4	9	- - - - - - - -	- - - -			T5B-6-183
183	T5B-6-183	MU	4	9	+ - + - - + - -	- - - -		3/60	
183	T5-6-183	MU	4	9	+ - + - - + - -	- - - -		3/60	
184	T0-8-184	UP	4	16	+ + - + + + - -	- - - -	1/17-18	2/31	
184	T3-8-184	UP	4	16	+ + - + + + - -	- - - -	1/17-18	2/31	
184	T4A-8-184	UP	4	16	- - - - - - - -	- - - -			T5B-8-184
184	T5B-8-184	UP	4	16	+ - + - - + - -	- - - -		3/33	
184	T5-8-184	UP	4	16	+ - + - - + - -	- - - -		3/33	
185	T0-9-185	PD	5	18	+ + - + + + - -	- - - -		2/79	T0-9-15238
185	T3-9-185	PD	5	18	+ + - + + + - -	- - - -		2/79	T3-9-15238
186	T0-9-186	UP	4	18	+ + - + + + - -	- - - -		2/79	
186	T3-9-186	UP	4	18	+ + - + + + - -	- - - -		2/79	
186	T4A-10-186	UP	4	18	- - - - - - - -	- - - -			T5B-10-186
186	T5B-10-186	UP	4	18	+ - + - - + - -	- - - -		3/33	
186	T5-10-186	UP	4	18	+ - + - - + - -	- - - -		3/33	
187	T0-7-187	UP	4	14	+ + - + + + - -	- - - -	1/17-12	2/24	
187	T3-7-187	UP	4	14	+ + - + + + - -	- - - -	1/17-12	2/24	
187	T4A-7-187	UP	4	14	- - - - - - - -	- - - -			T5B-7-187
187	T5B-7-187	UP	4	14	+ - + - - + - -	- - - -		3/25	
187	T5-7-187	UP	4	14	+ - + - - + - -	- - - -		3/25	
188	T0-7-188	UP	4	14	+ + - + + + - -	- - - -	1/17-13	2/25	
188	T3-7-188	UP	4	14	+ + - + + + - -	- - - -	1/17-13	2/25	
188	T4A-7-188	UP	4	14	- - - - - - - -	- - - -			T5B-7-188
188	T5B-7-188	UP	4	14	+ - + - - + - -	- - - -		3/26	
188	T5-7-188	UP	4	14	+ - + - - + - -	- - - -		3/26	
189	T0-7-189	UP	4	14	+ + - + + + - -	- - - -	1/17-14	2/26	
189	T3-7-189	UP	4	14	+ + - + + + - -	- - - -	1/17-14	2/26	
189	T4A-7-189	UP	4	14	- - - - - - - -	- - - -			T5B-7-189
189	T5B-7-189	UP	4	14	+ - + - - + - -	- - - -		3/27	
189	T5-7-189	UP	4	14	+ - + - - + - -	- - - -		3/27	
190	T0-3-190	W	3	5	+ + - + + + + -	- - - -	1/09-15	2/12	T0-3-8228
190	T3-3-190	W	3	5	+ + - + + + + -	- - - -	1/09-15	2/12	T3-3-8228
190	T4A-3-190	W	3	5	- - - - - - - -	- - - -			T5B-3-190

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/I/SVB /CI9/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page	
190	T5B-3-190	W	3	5	+ - + - - + + -	- - - -		3/12	
190	T5-3-190	W	3	5	+ - + - - + + -	- - - -		3/12	
191	T0-2-191	SH	6	4	+ + - + + + + -	- - - -	1/19-19	2/35	
191	T3-2-191	SH	6	4	+ + - + + + + -	- - - -	1/19-19	2/35	
191	T4A-4-191	SH	6	4	- - - - - - - -	- - - -			T5B-4-191
191	T5B-4-191	SH	6	4	+ - + - - + + -	- - - -		3/37	
191	T5-4-191	SH	6	4	+ - + - - + + -	- - - -		3/37	
192	T0-3-192	SH	6	5	+ + - + + + + -	- - - -	1/19-23	2/35	
192	T3-3-192	SH	6	5	+ + - + + + + -	- - - -	1/19-23	2/35	
192	T4A-5-192	SH	6	5	- - - - - - - -	- - - -			T5B-5-192
192	T5B-5-192	SH	6	5	+ - + - - + + -	- - - -		3/37	
192	T5-5-192	SH	6	5	+ - + - - + + -	- - - -		3/37	
194	T0-3-194	SH	8	6	+ + - + + + + -	- - - -	1/21-19	2/35	
194	T3-3-194	SH	8	6	+ + - + + + + -	- - - -	1/21-19	2/35	
194	T4A-5-194	SH	8	6	- - - - - - - -	- - - -			T5B-5-194
194	T5B-5-194	SH	8	6	+ - + - - + + -	- - - -		3/37	
194	T5-5-194	SH	8	6	+ - + - - + + -	- - - -		3/37	
195	T0-7-195	SH	6	13	+ + - + + + - -	- - - -	1/20-18	2/36	
195	T3-7-195	SH	6	13	+ + - + + + - -	- - - -	1/20-18	2/36	
196	T0-7-196	SH	8	13	+ + - + + + - -	- - - -	1/22-07	2/36	
196	T3-7-196	SH	8	13	+ + - + + + - -	- - - -	1/22-07	2/36	
197	T0-3-197	SH	4	6	+ + - + + + + -	- - - -	1/15-06	2/36	T0-3-15115
197	T3-3-197	SH	4	6	+ + - + + + + -	- - - -	1/15-06	2/36	T3-3-15115
8001	T0-1-8001	E	4	1	+ + - + + + + -	- - - -	1/13-09	2/58	
8001	T3-1-8001	E	4	1	+ + - + + + + -	- - - -	1/13-09	2/58	
8001	T4A-1-8001	E	4	1	- - - - - - - -	- - - -			T5B-1-8001
8001	T5B-1-8001	E	4	1	+ - + - - + + -	- - - -		3/05	
8001	T5-1-8001	E	4	1	+ - + - - + + -	- - - -		3/05	
8002	T0-1-8002	E	4	2	+ + - + + + + -	- - - -	1/13-14	2/58	
8002	T3-1-8002	E	4	2	+ + - + + + + -	- - - -	1/13-14	2/58	
8002	T4A-1-8002	E	4	2	- - - - - - - -	- - - -			T5B-1-8002
8002	T5B-1-8002	E	4	2	+ - + - - + + -	- - - -		3/05	
8002	T5-1-8002	E	4	2	+ - + - - + + -	- - - -		3/05	
8003	T0-2-8003	MU	6	4	+ + - + + + + -	- - - -	1/19-18	2/59	
8003	T3-2-8003	MU	6	4	+ + - + + + + -	- - - -	1/19-18	2/59	
8004	T0-2-8004	MU	4	4	+ + - + + + + -	- - - -	1/14-08	2/58	
8004	T3-2-8004	MU	4	4	+ + - + + + + -	- - - -	1/14-08	2/58	
8005	T0-2-8005	MU	4	4	+ + - + + + + -	- - - -	1/14-12	2/58	
8005	T3-2-8005	MU	4	4	+ + - + + + + -	- - - -	1/14-12	2/58	
8006	T0-4-8006	MU	6	8	+ + - + + + + -	- - - -	1/20-07	2/59	
8006	T3-4-8006	MU	6	8	+ + - + + + + -	- - - -	1/20-07	2/59	
8007	T0-3-8007	MU	7	6	+ + - + + + + -	- - - -	1/20-24	2/59	
8007	T3-3-8007	MU	7	6	+ + - + + + + -	- - - -	1/20-24	2/59	
8008	T0-4-8008	MU	7	8	+ + - + + + + -	- - - -	1/21-07	2/59	
8008	T3-4-8008	MU	7	8	+ + - + + + + -	- - - -	1/21-07	2/59	
8009	T0-6-8009	MU	8	12	+ + - + + + - -	- - - -	1/22-05	2/59	
8009	T3-6-8009	MU	8	12	+ + - + + + - -	- - - -	1/22-05	2/59	
8010	T0-3-8010	MU	5	5	+ + - + + + + -	- - - -	1/17-29	2/58	
8010	T3-3-8010	MU	5	5	+ + - + + + + -	- - - -	1/17-29	2/58	
8011	T0-2-8011	MU	4	4	+ + - + + + + -	- - - -	1/14-11	2/58	
8011	T3-2-8011	MU	4	4	+ + - + + + + -	- - - -	1/14-11	2/58	
8017	T0-3-8017	MU	3	6	+ + - + + + + -	- - - -	1/10-03	2/61	
8017	T3-3-8017	MU	3	6	+ + - + + + + -	- - - -	1/10-03	2/61	
8018	T0-2-8018	MU	3	4	+ + - + + + + -	- - - -	1/08-30	2/60	
8018	T3-2-8018	MU	3	4	+ + - + + + + -	- - - -	1/08-30	2/60	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8019	T0-5-8019	MU	3	9	+ + - + + + - -	- - - -	1/11-29	2/61	
8019	T3-5-8019	MU	3	9	+ + - + - + - -	- - - -	1/11-29	2/61	
8020	T0-2-8020	MU	3	4	+ + - + + + - -	- - - -	1/09-04	2/60	
8020	T3-2-8020	MU	3	4	+ + - + - + + -	- - - -	1/09-04	2/60	
8021	T0-2-8021	MU	4	4	+ + - + + + + -	- - - -	1/14-04	2/60	
8021	T3-2-8021	MU	4	4	+ + - + - + + -	- - - -	1/14-04	2/60	
8030	T0-3-8030	MU	4	6	+ + - + + + + -	- - - -	1/14-34	2/62	
8030	T3-3-8030	MU	4	6	+ + - + - + + -	- - - -	1/14-34	2/62	
8031	T0-4-8031	MU	4	8	+ + - + + + + -	- - - -	1/15-14	2/62	
8031	T3-4-8031	MU	4	8	+ + - + - + + -	- - - -	1/15-14	2/62	
8032	T0-2-8032	MU	2	3	+ + - + + + + -	- - - -	1/04-39	2/62	
8032	T3-2-8032	MU	2	3	+ + - + - + + -	- - - -	1/04-39	2/62	
8033	T0-5-8033	MU	4	9	+ + - + + + - -	- - - -	1/15-24	2/63	
8033	T3-5-8033	MU	4	9	+ + - + - + - -	- - - -	1/15-24	2/63	
8034	T0-6-8034	MU	4	11	+ + - + + + - -	- - - -	1/16-07	2/62	
8034	T3-6-8034	MU	4	11	+ + - + - + - -	- - - -	1/16-07	2/62	
8035	T0-5-8035	MU	4	10	+ + - + + + - -	- - - -	1/16-01		T0-5-15178
8035	T3-5-8035	MU	4	10	+ + - + - + - -	- - - -	1/16-01		T3-5-15178
8036	T0-4-8036	MU	4	8	+ + - + + + + -	- - - -	1/15-10	2/61	
8036	T3-4-8036	MU	4	8	+ + - + - + + -	- - - -	1/15-10	2/61	
8037	T0-3-8037	MU	3	6	+ + - + + + + -	- - - -	1/10-01	2/60	
8037	T3-3-8037	MU	3	6	+ + - + - + + -	- - - -	1/10-01	2/60	
8038	T0-5-8038	MU	4	9	+ + - + + + - -	- - - -	1/15-25	2/61	
8038	T3-5-8038	MU	4	9	+ + - + - + - -	- - - -	1/15-25	2/61	
8039	T0-6-8039	MU	4	12	+ + - + + + - -	- - - -	1/16-14	2/61	
8039	T3-6-8039	MU	4	12	+ + - + - + - -	- - - -	1/16-14	2/61	
8043	T0-5-8043	MU	3	9	+ + - + + + - -	- - - -	1/11-28	2/63	
8043	T3-5-8043	MU	3	9	+ + - + - + - -	- - - -	1/11-28	2/63	
8046	T0-1-8046	MU	2	2	+ + - + + + + -	- - - -	1/04-21	2/60	
8046	T3-1-8046	MU	2	2	+ + - + - + + -	- - - -	1/04-21	2/60	
8046	T4A-1-8046	MU	2	2	- - - - - - - -	- - - -			T5B-1-8046
8046	T5B-1-8046	MU	2	2	+ - + - - + + -	- - - -			
8046	T5-1-8046	MU	2	2	+ - + - - + - +	- - - -			
8047	T0-2-8047	MU	3	4	+ + - + + + + -	- - - -	1/08-28	2/60	
8047	T3-2-8047	MU	3	4	+ + - + - + + -	- - - -	1/08-28	2/60	
8048	T0-3-8048	MU	4	6	+ + - + + + + -	- - - -	1/14-29	2/61	
8048	T3-3-8048	MU	4	6	+ + - + - + + -	- - - -	1/14-29	2/61	
8050	T0-2-8050	MU	2	4	+ + - + + + + -	- - - -	1/05-10	2/64	
8050	T3-2-8050	MU	2	4	+ + - + - + + -	- - - -	1/05-10	2/64	
8051	T0-2-8051	MU	4	3	+ + - + + + + -	- - - -	1/13-24	2/64	
8051	T3-2-8051	MU	4	3	+ + - + - + + -	- - - -	1/13-24	2/64	
8053	T0-5-8053	MU	3	10	+ + - + + + - -	- - - -	1/12-16	2/64	
8053	T3-5-8053	MU	3	10	+ + - + - + - -	- - - -	1/12-16	2/64	
8060	T0-2-8060	E	4	4	+ + - + + + + -	- - - -	1/13-39	2/34	
8060	T3-2-8060	E	4	4	+ + - + - + + -	- - - -	1/13-39	2/34	
8061	T0-2-8061	SY	3	3	+ + - + + + + -	- - - -	1/08-03	2/34	
8061	T3-2-8061	SY	3	3	+ + - + - + + -	- - - -	1/08-03	2/34	
8062	T0-2-8062	SY	3	4	+ + - + + + + -	- - - -	1/08-33	2/34	
8062	T3-2-8062	SY	3	4	+ + - + - + + -	- - - -	1/08-33	2/34	
8064	T0-2-8064	E	2	4	+ + - + + + + -	- - - -	1/05-08	2/34	
8064	T3-2-8064	E	2	4	+ + - + - + + -	- - - -	1/05-08	2/34	
8070	T0-4-8070	MU	5	8	+ + - + + + + -	- - - -	1/18-13	2/65	
8070	T3-4-8070	MU	5	8	+ + - + - + + -	- - - -	1/18-13	2/65	
8071	T0-4-8071	MU	8	8	+ + - + + + + -	- - - -	1/22-03	2/65	
8071	T3-4-8071	MU	8	8	+ + - + - + + -	- - - -	1/22-03	2/65	
8072	T0-5-8072	MU	8	9	+ + - + + + - -	- - - -	1/22-04	2/65	
8072	T3-5-8072	MU	8	9	+ + - + - + - -	- - - -	1/22-04	2/65	

Standardschaltungen
Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8073	T0-5-8073	MU	5	10	+ + - + + + - -	- - - -	1/18-21	2/65	
8073	T3-5-8073	MU	5	10	+ + - + - + - -	- - - -	1/18-21	2/65	
8074	T0-7-8074	MU	8	13	+ + - + + + - -	- - - -	1/22-06	2/65	
8074	T3-7-8074	MU	8	13	+ + - + - + - -	- - - -	1/22-06	2/65	
8075	T0-7-8075	MU	8	14	+ + - + + + - -	- - - -	1/22-11	2/65	
8075	T3-7-8075	MU	8	14	+ + - + - + - -	- - - -	1/22-11	2/65	
8076	T0-7-8076	MU	8	14	+ + - + + + - -	- - - -	1/22-12	2/65	
8076	T3-7-8076	MU	8	14	+ + - + - + - -	- - - -	1/22-12	2/65	
8120	T0-2-8120	ST	3	4	+ + - + + + - -	- - - -	1/08-38	2/68	
8120	T3-2-8120	ST	3	4	+ + - + - + - -	- - - -	1/08-38	2/68	
8124	T0-1-8124	ST	2	2	+ + - + + + - -	- - - -	1/04-30	2/66	
8124	T3-1-8124	ST	2	2	+ + - + - + - -	- - - -	1/04-30	2/66	
8124	T4A-1-8124	ST	2	2	- - - - - - - -	- - - -			T5B-1-8124
8124	T5B-1-8124	ST	2	2	+ - + - - + + -	- - - -		3/61	
8124	T5-1-8124	ST	2	2	+ - + - - + - +	- - - -		3/61	
8125	T0-1-8125	ST	2	2	+ + - + + + - -	- - - -		2/67	T0-1-15352
8125	T3-1-8125	ST	2	2	+ + - + - + - -	- - - -		2/67	T3-1-15352
8150	T0-2-8150	WS	3	3	+ + - + + + - -	- - - -	1/08-14	2/34	
8150	T3-2-8150	WS	3	3	+ + - + - + - -	- - - -	1/08-14	2/34	
8151	T0-3-8151	WS	3	5	+ + - + + + - -	- - - -	1/09-13	2/34	
8151	T3-3-8151	WS	3	5	+ + - + - + - -	- - - -	1/09-13	2/34	
8152	T0-3-8152	WS	4	6	+ + - + + + - -	- - - -	1/14-35	2/34	
8152	T3-3-8152	WS	4	6	+ + - + - + - -	- - - -	1/14-35	2/34	
8153	T0-2-8153	ST	4	4	+ + - + + + - -	- - - -	1/14-13	2/70	
8153	T3-2-8153	ST	4	4	+ + - + - + - -	- - - -	1/14-13	2/70	
8154	T0-3-8154	ST	4	5	+ + - + + + - -	- - - -	1/14-27	2/70	
8154	T3-3-8154	ST	4	5	+ + - + - + - -	- - - -	1/14-27	2/70	
8155	T0-6-8155	ST	3	12	+ + - + + + - -	- - - -	1/12-26	2/70	
8155	T3-6-8155	ST	3	12	+ + - + - + - -	- - - -	1/12-26	2/70	
8156	T0-3-8156	ST	4	6	+ + - + + + - -	- - - -	1/14-36	2/70	
8156	T3-3-8156	ST	4	6	+ + - + - + - -	- - - -	1/14-36	2/70	
8157	T0-3-8157	WS	3	6	+ + - + + + - -	- - - -	1/10-05	2/34	
8157	T3-3-8157	WS	3	6	+ + - + - + - -	- - - -	1/10-05	2/34	
8158	T0-1-8158	ST	3	2	+ + - + + + - -	- - - -	1/07-32	2/69	
8158	T3-1-8158	ST	3	2	+ + - + - + - -	- - - -	1/07-32	2/69	
8159	T0-2-8159	WS	3	4	+ + - + + + - -	- - - -	1/08-41	2/34	
8159	T3-2-8159	WS	3	4	+ + - + - + - -	- - - -	1/08-41	2/34	
8170	T0-2-8170	SE	3	4	+ + - + + + - -	- - - -	1/08-29	2/73	
8170	T3-2-8170	SE	3	4	+ + - + - + - -	- - - -	1/08-29	2/73	
8171	T0-4-8171	SE	3	8	+ + - + + + - -	- - - -	1/11-07	2/73	
8171	T3-4-8171	SE	3	8	+ + - + - + - -	- - - -	1/11-07	2/73	
8172	T0-1-8172	ST	2	2	+ + - + + + - -	- - - -		2/67	
8172	T3-1-8172	ST	2	2	+ + - + - + - -	- - - -		2/67	
8173	T0-1-8173	ST	2	2	+ + - + + + - -	- - - -	1/04-29	2/67	
8173	T3-1-8173	ST	2	2	+ + - + - + - -	- - - -	1/04-29	2/67	
8174	T0-1-8174	ST	2	1	+ + - + + + - -	- - - -	1/04-12	2/67	
8174	T3-1-8174	ST	2	1	+ + - + - + - -	- - - -	1/04-12	2/67	
8175	T0-1-8175	ST	2	1	+ + - + + + - -	- - - -	1/04-08	2/66	
8175	T3-1-8175	ST	2	1	+ + - + - + - -	- - - -	1/04-08	2/66	
8176	T0-1-8176	ST	3	2	+ + - + + + - -	- - - -	1/07-35		
8176	T3-1-8176	ST	3	2	+ + - + - + - -	- - - -	1/07-35		
8177	T0-2-8177	ST	5	4	+ + - + + + - -	- - - -	1/17-21	2/69	
8177	T3-2-8177	ST	5	4	+ + - + - + - -	- - - -	1/17-21	2/69	
8178	T0-1-8178	ST	3	2	+ + - + + + - -	- - - -	1/07-26	2/69	T0-1-15511
8178	T3-1-8178	ST	3	2	+ + - + - + - -	- - - -	1/07-26	2/69	T3-1-15511
8179	T0-2-8179	ST	3	4	+ + - + + + - -	- - - -	1/08-36	2/68	
8179	T3-2-8179	ST	3	4	+ + - + - + - -	- - - -	1/08-36	2/68	

Standardschaltungen Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10									
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif									
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page										
8180	T0-1-8180	ST	3	2	+	+	-	+	+	+	-	-	-	-	-	1/07-27	2/69	
8180	T3-1-8180	ST	3	2	+	+	-	+	-	+	+	-	-	-	-	1/07-27	2/69	
8181	T0-2-8181	ST	5	4	+	+	-	+	+	+	+	-	-	-	-	1/17-23	2/69	
8181	T3-2-8181	ST	5	4	+	+	-	+	-	+	+	-	-	-	-	1/17-23	2/69	
8182	T0-2-8182	ST	5	4	+	+	-	+	+	+	+	-	-	-	-	1/17-22	2/69	
8182	T3-2-8182	ST	5	4	+	+	-	+	-	+	+	-	-	-	-	1/17-22	2/69	
8184	T0-4-8184	WS	3	8	+	+	-	+	+	+	+	-	-	-	-	1/11-13	2/34	
8184	T3-4-8184	WS	3	8	+	+	-	+	-	+	+	-	-	-	-	1/11-13	2/34	
8185	T0-1-8185	WS	3	2	+	+	-	+	+	+	+	-	-	-	-	1/07-34	2/34	
8185	T3-1-8185	WS	3	2	+	+	-	+	-	+	+	-	-	-	-	1/07-34	2/34	
8200	T0-1-8200	EA	2	1	+	+	-	+	+	+	+	-	+	-	+	1/04-01	2/04	
8200	T3-1-8200	EA	2	1	+	+	-	+	-	+	+	-	+	-	+	1/04-01	2/04	
8200	T4A-1-8200	EA	2	1	-	-	-	-	-	-	-	-	-	-	-			T5B-1-8200
8200	T5B-1-8200	EA	2	1	+	-	+	-	-	+	+	-	+	-	+		3/02	
8200	T5-1-8200	EA	2	1	+	-	+	-	-	+	-	+	-	+	+		3/02	
8201	T0-1-8201	SE	2	2	+	+	-	+	+	+	+	-	-	-	-	1/04-18	2/71	
8201	T3-1-8201	SE	2	2	+	+	-	+	-	+	+	-	-	-	-	1/04-18	2/71	
8202	T0-2-8202	SE	2	3	+	+	-	+	+	+	+	-	-	-	-		2/71	T0-2-15403
8202	T3-2-8202	SE	2	3	+	+	-	+	-	+	+	-	-	-	-		2/71	T3-2-15403
8202	T4A-2-8202	SE	2	3	-	-	-	-	-	-	-	-	-	-	-			T5B-2-8202
8202	T5B-2-8202	SE	2	3	+	-	+	-	-	+	+	-	-	-	-		3/05	
8202	T5-2-8202	SE	2	3	+	-	+	-	-	+	-	+	-	-	-		3/05	
8203	T0-2-8203	SE	2	4	+	+	-	+	+	+	+	-	-	-	-		2/71	T0-2-15404
8203	T3-2-8203	SE	2	4	+	+	-	+	-	+	+	-	-	-	-		2/71	T3-2-15404
8203	T5B-2-8203	SE	2	4	+	-	+	-	-	+	+	-	-	-	-		3/05	
8203	T5-2-8203	SE	2	4	+	-	+	-	-	+	-	+	-	-	-		3/05	
8204	T0-1-8204	ST	2	1	+	+	-	+	+	+	+	-	-	-	-	1/04-10	2/66	T0-1-15301
8204	T3-1-8204	ST	2	1	+	+	-	+	-	+	+	-	-	-	-	1/04-10	2/66	T3-1-15301
8204	T4A-1-8204	ST	2	1	-	-	-	-	-	-	-	-	-	-	-			T5B-1-8204
8204	T5B-1-8204	ST	2	1	+	-	+	-	-	+	+	-	-	-	-		3/61	
8204	T5-1-8204	ST	2	1	+	-	+	-	-	+	-	+	-	-	-		3/61	
8205	T0-1-8205	ST	2	2	+	+	-	+	+	+	+	-	-	-	-	1/04-25	2/66	T0-1-15302
8205	T3-1-8205	ST	2	2	+	+	-	+	-	+	+	-	-	-	-	1/04-25	2/66	T3-1-15302
8205	T4A-1-8205	ST	2	2	-	-	-	-	-	-	-	-	-	-	-			T5B-1-8205
8205	T5B-1-8205	ST	2	2	+	-	+	-	-	+	+	-	-	-	-		3/61	
8205	T5-1-8205	ST	2	2	+	-	+	-	-	+	-	+	-	-	-		3/61	
8206	T0-2-8206	ST	2	3	+	+	-	+	+	+	+	-	-	-	-	1/04-41	2/66	T0-2-15303
8206	T3-2-8206	ST	2	3	+	+	-	+	-	+	+	-	-	-	-	1/04-41	2/66	T3-2-15303
8206	T4A-2-8206	ST	2	3	-	-	-	-	-	-	-	-	-	-	-			T5B-2-8206
8206	T5B-2-8206	ST	2	3	+	-	+	-	-	+	+	-	-	-	-		3/61	
8206	T5-2-8206	ST	2	3	+	-	+	-	-	+	-	+	-	-	-		3/61	
8207	T0-2-8207	ST	2	4	+	+	-	+	+	+	+	-	-	-	-	1/05-16	2/66	T0-2-15079
8207	T3-2-8207	ST	2	4	+	+	-	+	-	+	+	-	-	-	-	1/05-16	2/66	T3-2-15079
8207	T4A-2-8207	ST	2	4	-	-	-	-	-	-	-	-	-	-	-			T5B-2-8207
8207	T5B-2-8207	ST	2	4	+	-	+	-	-	+	+	-	-	-	-		3/61	
8207	T5-2-8207	ST	2	4	+	-	+	-	-	+	-	+	-	-	-		3/61	
8208	T0-2-8208	E	4	3	+	+	-	+	+	+	+	-	-	-	-	1/13-26		
8208	T3-2-8208	E	4	3	+	+	-	+	-	+	+	-	-	-	-	1/13-26		
8208	T4A-2-8208	E	4	3	-	-	-	-	-	-	-	-	-	-	-			T5B-2-8208
8208	T5B-2-8208	E	4	3	+	-	+	-	-	+	+	-	-	-	-		3/05	
8208	T5-2-8208	E	4	3	+	-	+	-	-	+	-	+	-	-	-		3/05	
8210	T0-1-8210	UG	3	2	+	+	-	+	+	+	+	-	-	-	-	1/07-06	2/08	
8210	T3-1-8210	UG	3	2	+	+	-	+	-	+	+	-	-	-	-	1/07-06	2/08	
8210	T4A-1-8210	UG	3	2	-	-	-	-	-	-	-	-	-	-	-			T5B-1-8210
8210	T5B-1-8210	UG	3	2	+	-	+	-	-	+	+	-	-	-	-		3/07	
8210	T5-1-8210	UG	3	2	+	-	+	-	-	+	-	+	-	-	-		3/07	
8211	T0-2-8211	UG	3	4	+	+	-	+	+	+	+	-	-	-	-	1/08-16	2/08	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/I/SVB /CI9/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8211	T3-2-8211	UG	3	4	+ + - + - + + -	- - - -	1/08-16	2/08	
8211	T4A-2-8211	UG	3	4	- - - - - - - -	- - - -			T5B-2-8211
8211	T5B-2-8211	UG	3	4	+ - + - - + + -	- - - -		3/07	
8211	T5-2-8211	UG	3	4	+ - + - - + + -	- - - -		3/07	
8212	T0-3-8212	UG	3	6	+ + - + + + + -	- - - -	1/09-20	2/08	
8212	T3-3-8212	UG	3	6	+ + - + - + + -	- - - -	1/09-20	2/08	
8212	T4A-3-8212	UG	3	6	- - - - - - - -	- - - -			T5B-3-8212
8212	T5B-3-8212	UG	3	6	+ - + - - + + -	- - - -		3/07	
8212	T5-3-8212	UG	3	6	+ - + - - + + -	- - - -		3/07	
8213	T0-4-8213	UG	3	8	+ + - + + + + -	- - - -	1/11-01	2/08	
8213	T3-4-8213	UG	3	8	+ + - + - + + -	- - - -	1/11-01	2/08	
8213	T4A-4-8213	UG	3	8	- - - - - - - -	- - - -			T5B-4-8213
8213	T5B-4-8213	UG	3	8	+ - + - - + + -	- - - -		3/07	
8213	T5-4-8213	UG	3	8	+ - + - - + + -	- - - -		3/07	
8214	T0-1-8214	UG	3	2	+ + - + + + + -	- - - -	1/07-29	2/09	
8214	T3-1-8214	UG	3	2	+ + - + - + + -	- - - -	1/07-29	2/09	
8214	T4A-1-8214	UG	3	2	- - - - - - - -	- - - -			T5B-1-8214
8214	T5B-1-8214	UG	3	2	+ - + - - + + -	- - - -		3/08	
8214	T5-1-8214	UG	3	2	+ - + - - + + -	- - - -		3/08	
8215	T0-2-8215	UG	3	4	+ + - + + + + -	- - - -	1/08-17	2/09	
8215	T3-2-8215	UG	3	4	+ + - + - + + -	- - - -	1/08-17	2/09	
8215	T4A-2-8215	UG	3	4	- - - - - - - -	- - - -			T5B-2-8215
8215	T5B-2-8215	UG	3	4	+ - + - - + + -	- - - -		3/08	
8215	T5-2-8215	UG	3	4	+ - + - - + + -	- - - -		3/08	
8216	T0-3-8216	UG	3	6	+ + - + + + + -	- - - -	1/09-21	2/09	
8216	T3-3-8216	UG	3	6	+ + - + - + + -	- - - -	1/09-21	2/09	
8216	T4A-3-8216	UG	3	6	- - - - - - - -	- - - -			T5B-3-8216
8216	T5B-3-8216	UG	3	6	+ - + - - + + -	- - - -		3/08	
8216	T5-3-8216	UG	3	6	+ - + - - + + -	- - - -		3/08	
8218	T0-1-8218	UG	3	2	+ + - + + + + -	- - - -	1/07-07	2/08	
8218	T3-1-8218	UG	3	2	+ + - + - + + -	- - - -	1/07-07	2/08	
8218	T4A-1-8218	UG	3	2	- - - - - - - -	- - - -			T5B-1-8218
8218	T5B-1-8218	UG	3	2	+ - + - - + + -	- - - -		3/07	
8218	T5-1-8218	UG	3	2	+ - + - - + + -	- - - -		3/07	
8219	T0-2-8219	UG	3	4	+ + - + + + + -	- - - -	1/08-26	2/08	
8219	T3-2-8219	UG	3	4	+ + - + - + + -	- - - -	1/08-26	2/08	
8219	T4A-2-8219	UG	3	4	- - - - - - - -	- - - -			T5B-2-8219
8219	T5B-2-8219	UG	3	4	+ - + - - + + -	- - - -		3/07	
8219	T5-2-8219	UG	3	4	+ - + - - + + -	- - - -		3/07	
8220	T0-1-8220	UW	2	2	+ + - + + + + -	- - - -	1/04-19	2/07	T0-1-34
8220	T3-1-8220	UW	2	2	+ + - + - + + -	- - - -	1/04-19	2/07	T3-1-34
8220	T4A-1-8220	UW	2	2	- - - - - - - -	- - - -			T5B-1-8220
8220	T5B-1-8220	UW	2	2	+ - + - - + + -	- - - -		3/06	
8220	T5-1-8220	UW	2	2	+ - + - - + + -	- - - -		3/06	
8221	T0-2-8221	UW	2	4	+ + - + + + + -	- - - -	1/05-07	2/07	T0-2-39
8221	T3-2-8221	UW	2	4	+ + - + - + + -	- - - -	1/05-07	2/07	T3-2-39
8221	T4A-2-8221	UW	2	4	- - - - - - - -	- - - -			T5B-2-8221
8221	T5B-2-8221	UW	2	4	+ - + - - + + -	- - - -		3/06	
8221	T5-2-8221	UW	2	4	+ - + - - + + -	- - - -		3/06	
8222	T0-3-8222	UW	2	6	+ + - + + + + -	- - - -	1/05-34	2/07	T0-3-50
8222	T3-3-8222	UW	2	6	+ + - + - + + -	- - - -	1/05-34	2/07	T3-3-50
8222	T4A-3-8222	UW	2	6	- - - - - - - -	- - - -			T5B-3-8222
8222	T5B-3-8222	UW	2	6	+ - + - - + + -	- - - -		3/06	
8222	T5-3-8222	UW	2	6	+ - + - - + + -	- - - -		3/06	
8223	T0-4-8223	UW	2	8	+ + - + + + + -	- - - -	1/06-12	2/07	
8223	T3-4-8223	UW	2	8	+ + - + - + + -	- - - -	1/06-12	2/07	
8223	T4A-4-8223	UW	2	8	- - - - - - - -	- - - -			T5B-4-8223

Standard contact sequences

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8223	T5B-4-8223	UW	2	8	+ - + - + - + -	- - - - - - - -		3/06	
8223	T5-4-8223	UW	2	8	+ - + - + - + -	- - - - - - - -		3/06	
8224	T0-2-8224	E	2	3	+ + - + + + - -	- - - - - - - -	1/04-38	2/06	
8224	T3-2-8224	E	2	3	+ + - + + + - -	- - - - - - - -	1/04-38	2/06	
8224	T4A-2-8224	E	2	3	- - - - - - - -	- - - - - - - -			T5B-2-8224
8224	T5B-2-8224	E	2	3	+ - + - + - + -	- - - - - - - -		3/05	
8224	T5-2-8224	E	2	3	+ - + - + - + -	- - - - - - - -		3/05	
8225	T0-2-8225	E	2	4	+ + - + + + - -	- - - - - - - -	1/05-21		
8225	T3-2-8225	E	2	4	+ + - + + + - -	- - - - - - - -	1/05-21		
8225	T4A-2-8225	E	2	4	- - - - - - - -	- - - - - - - -			T5B-2-8225
8225	T5B-2-8225	E	2	4	+ - + - + - + -	- - - - - - - -		3/05	
8225	T5-2-8225	E	2	4	+ - + - + - + -	- - - - - - - -		3/05	
8228	T0-3-8228	W	3	5	+ + - + + + - -	- - - - - - - -	1/09-12	2/12	
8228	T3-3-8228	W	3	5	+ + - + + + - -	- - - - - - - -	1/09-12	2/12	
8228	T4A-3-8228	W	3	5	- - - - - - - -	- - - - - - - -			T5B-3-8228
8228	T5B-3-8228	W	3	5	+ - + - + - + -	- - - - - - - -		3/12	
8228	T5-3-8228	W	3	5	+ - + - + - + -	- - - - - - - -		3/12	
8230	T0-2-8230	SU	3	3	+ + - + + + - -	- - - - - - - -	1/08-01	2/39	
8230	T3-2-8230	SU	3	3	+ + - + + + - -	- - - - - - - -	1/08-01	2/39	
8230	T4A-2-8230	SU	3	3	- - - - - - - -	- - - - - - - -			T5B-2-8230
8230	T5B-2-8230	SU	3	3	+ - + - + - + -	- - - - - - - -		3/41	
8230	T5-2-8230	SU	3	3	+ - + - + - + -	- - - - - - - -		3/41	
8231	T0-2-8231	SU	4	4	+ + - + + + - -	- - - - - - - -	1/13-40	2/39	
8231	T3-2-8231	SU	4	4	+ + - + + + - -	- - - - - - - -	1/13-40	2/39	
8231	T4A-2-8231	SU	4	4	- - - - - - - -	- - - - - - - -			T5B-2-8231
8231	T5B-2-8231	SU	4	4	+ - + - + - + -	- - - - - - - -		3/41	
8231	T5-2-8231	SU	4	4	+ - + - + - + -	- - - - - - - -		3/41	
8232	T0-3-8232	SU	5	5	+ + - + + + - -	- - - - - - - -	1/17-28	2/39	
8232	T3-3-8232	SU	5	5	+ + - + + + - -	- - - - - - - -	1/17-28	2/39	
8232	T4A-3-8232	SU	5	5	- - - - - - - -	- - - - - - - -			T5B-3-8232
8232	T5B-3-8232	SU	5	5	+ - + - + - + -	- - - - - - - -		3/41	
8232	T5-3-8232	SU	5	5	+ - + - + - + -	- - - - - - - -		3/41	
8233	T0-3-8233	SU	6	6	+ + - + + + - -	- - - - - - - -	1/20-01	2/40	
8233	T3-3-8233	SU	6	6	+ + - + + + - -	- - - - - - - -	1/20-01	2/40	
8233	T4A-3-8233	SU	6	6	- - - - - - - -	- - - - - - - -			T5B-3-8233
8233	T5B-3-8233	SU	6	6	+ - + - + - + -	- - - - - - - -		3/42	
8233	T5-3-8233	SU	6	6	+ - + - + - + -	- - - - - - - -		3/42	
8234	T0-4-8234	SU	7	7	+ + - + + + - -	- - - - - - - -	1/21-03	2/40	
8234	T3-4-8234	SU	7	7	+ + - + + + - -	- - - - - - - -	1/21-03	2/40	
8234	T4A-4-8234	SU	7	7	- - - - - - - -	- - - - - - - -			T5B-4-8234
8234	T5B-4-8234	SU	7	7	+ - + - + - + -	- - - - - - - -		3/42	
8234	T5-4-8234	SU	7	7	+ - + - + - + -	- - - - - - - -		3/42	
8235	T0-4-8235	SU	8	8	+ + - + + + - -	- - - - - - - -	1/21-24	2/40	
8235	T3-4-8235	SU	8	8	+ + - + + + - -	- - - - - - - -	1/21-24	2/40	
8235	T4A-4-8235	SU	8	8	- - - - - - - -	- - - - - - - -			T5B-4-8235
8235	T5B-4-8235	SU	8	8	+ - + - + - + -	- - - - - - - -		3/42	
8235	T5-4-8235	SU	8	8	+ - + - + - + -	- - - - - - - -		3/42	
8236	T0-5-8236	SU	9	9	+ + - + + + - -	- - - - - - - -	1/22-20	2/40	
8236	T3-5-8236	SU	9	9	+ + - + + + - -	- - - - - - - -	1/22-20	2/40	
8236	T4A-5-8236	SU	9	9	- - - - - - - -	- - - - - - - -			T5B-5-8236
8236	T5B-5-8236	SU	9	9	+ - + - + - + -	- - - - - - - -		3/42	
8236	T5-5-8236	SU	9	9	+ - + - + - + -	- - - - - - - -		3/42	
8237	T0-5-8237	SU	10	10	+ + - + + + - -	- - - - - - - -	1/23-12	2/40	
8237	T3-5-8237	SU	10	10	+ + - + + + - -	- - - - - - - -	1/23-12	2/40	
8237	T4A-5-8237	SU	10	10	- - - - - - - -	- - - - - - - -			T5B-5-8237
8237	T5B-5-8237	SU	10	10	+ - + - + - + -	- - - - - - - -		3/42	
8237	T5-5-8237	SU	10	10	+ - + - + - + -	- - - - - - - -		3/42	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8238	T0-6-8238	SU	11	11	+ + - + + + - -	- - - -	1/23-20	2/41	
8238	T3-6-8238	SU	11	11	+ + - + - + - -	- - - -	1/23-20	2/41	
8238	T4A-6-8238	SU	11	11	- - - - - - - -	- - - -			T5B-6-8238
8238	T5B-6-8238	SU	11	11	+ - + - - + - -	- - - -		3/43	
8238	T5-6-8238	SU	11	11	+ - + - - + - -	- - - -		3/43	
8239	T0-6-8239	SU	12	12	+ + - + + + - -	- - - -	1/24-02	2/41	
8239	T3-6-8239	SU	12	12	+ + - + - + - -	- - - -	1/24-02	2/41	
8239	T4A-6-8239	SU	12	12	- - - - - - - -	- - - -			T5B-6-8239
8239	T5B-6-8239	SU	12	12	+ - + - - + - -	- - - -		3/43	
8239	T5-6-8239	SU	12	12	+ - + - - + - -	- - - -		3/43	
8240	T0-1-8240	SU	3	2	+ + - + + + + -	- - - -	1/07-10	2/37	
8240	T3-1-8240	SU	3	2	+ + - + - + + -	- - - -	1/07-10	2/37	
8240	T4A-1-8240	SU	3	2	- - - - - - - -	- - - -			T5B-1-8240
8240	T5B-1-8240	SU	3	2	+ - + - - + + -	- - - -		3/39	
8240	T5-1-8240	SU	3	2	+ - + - - + - +	- - - -		3/39	
8241	T0-2-8241	SU	4	3	+ + - + + + + -	- - - -	1/13-23	2/37	
8241	T3-2-8241	SU	4	3	+ + - + - + + -	- - - -	1/13-23	2/37	
8241	T4A-2-8241	SU	4	3	- - - - - - - -	- - - -			T5B-2-8241
8241	T5B-2-8241	SU	4	3	+ - + - - + + -	- - - -		3/39	
8241	T5-2-8241	SU	4	3	+ - + - - + - +	- - - -		3/39	
8242	T0-2-8242	SU	5	4	+ + - + + + + -	- - - -	1/17-20	2/37	
8242	T3-2-8242	SU	5	4	+ + - + - + + -	- - - -	1/17-20	2/37	
8242	T4A-2-8242	SU	5	4	- - - - - - - -	- - - -			T5B-2-8242
8242	T5B-2-8242	SU	5	4	+ - + - - + + -	- - - -		3/39	
8242	T5-2-8242	SU	5	4	+ - + - - + - +	- - - -		3/39	
8243	T0-3-8243	SU	6	5	+ + - + + + + -	- - - -	1/19-20	2/37	
8243	T3-3-8243	SU	6	5	+ + - + - + + -	- - - -	1/19-20	2/37	
8243	T4A-3-8243	SU	6	5	- - - - - - - -	- - - -			T5B-3-8243
8243	T5B-3-8243	SU	6	5	+ - + - - + + -	- - - -		3/39	
8243	T5-3-8243	SU	6	5	+ - + - - + - +	- - - -		3/39	
8244	T0-3-8244	SU	7	6	+ + - + + + + -	- - - -	1/20-23	2/37	
8244	T3-3-8244	SU	7	6	+ + - + - + + -	- - - -	1/20-23	2/37	
8244	T4A-4-8244	SU	7	6	- - - - - - - -	- - - -			T5B-4-8244
8244	T5B-4-8244	SU	7	6	+ - + - - + + -	- - - -		3/39	
8244	T5-4-8244	SU	7	6	+ - + - - + - +	- - - -		3/39	
8245	T0-4-8245	SU	8	7	+ + - + + + + -	- - - -	1/21-20	2/38	
8245	T3-4-8245	SU	8	7	+ + - + - + + -	- - - -	1/21-20	2/38	
8245	T4A-4-8245	SU	8	7	- - - - - - - -	- - - -			T5B-4-8245
8245	T5B-4-8245	SU	8	7	+ - + - - + + -	- - - -		3/40	
8245	T5-4-8245	SU	8	7	+ - + - - + - +	- - - -		3/40	
8246	T0-4-8246	SU	9	8	+ + - + + + + -	- - - -	1/22-16	2/38	
8246	T3-4-8246	SU	9	8	+ + - + - + + -	- - - -	1/22-16	2/38	
8246	T4A-5-8246	SU	9	8	- - - - - - - -	- - - -			T5B-5-8246
8246	T5B-5-8246	SU	9	8	+ - + - - + - -	- - - -		3/40	
8246	T5-5-8246	SU	9	8	+ - + - - + - -	- - - -		3/40	
8247	T0-5-8247	SU	10	9	+ + - + + + - -	- - - -	1/23-08	2/38	
8247	T3-5-8247	SU	10	9	+ + - + - + - -	- - - -	1/23-08	2/38	
8247	T4A-5-8247	SU	10	9	- - - - - - - -	- - - -			T5B-5-8247
8247	T5B-5-8247	SU	10	9	+ - + - - + - -	- - - -		3/40	
8247	T5-5-8247	SU	10	9	+ - + - - + - -	- - - -		3/40	
8248	T0-5-8248	SU	11	10	+ + - + + + - -	- - - -	1/23-16	2/38	
8248	T3-5-8248	SU	11	10	+ + - + - + - -	- - - -	1/23-16	2/38	
8248	T4A-6-8248	SU	11	10	- - - - - - - -	- - - -			T5B-6-8248
8248	T5B-6-8248	SU	11	10	+ - + - - + - -	- - - -		3/40	
8248	T5-6-8248	SU	11	10	+ - + - - + - -	- - - -		3/40	
8249	T0-6-8249	SU	12	11	+ + - + + + - -	- - - -	1/23-24	2/39	
8249	T3-6-8249	SU	12	11	+ + - + - + - -	- - - -	1/23-24	2/39	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8249	T4A-6-8249	SU	12	11	- - - - - - - -	- - - - -			T5B-6-8249
8249	T5B-6-8249	SU	12	11	+ - + - - + - -	- - - - -		3/41	
8249	T5-6-8249	SU	12	11	+ - + - - + - -	- - - - -		3/41	
8250	T0-3-8250	SU	3	6	+ + - + + + - -	- - - - -	1/09-31	2/43	
8250	T3-3-8250	SU	3	6	+ + - + + + - -	- - - - -	1/09-31	2/43	
8250	T4A-3-8250	SU	3	6	- - - - - - - -	- - - - -			T5B-3-8250
8250	T5B-3-8250	SU	3	6	+ - + - - + + -	- - - - -		3/46	
8250	T5-3-8250	SU	3	6	+ - + - - + - +	- - - - -		3/46	
8251	T0-4-8251	SU	4	8	+ + - + + + + -	- - - - -	1/15-09	2/43	
8251	T3-4-8251	SU	4	8	+ + - + - + + -	- - - - -	1/15-09	2/43	
8251	T4A-4-8251	SU	4	8	- - - - - - - -	- - - - -			T5B-4-8251
8251	T5B-4-8251	SU	4	8	+ - + - - + + -	- - - - -		3/46	
8251	T5-4-8251	SU	4	8	+ - + - - + - +	- - - - -		3/46	
8252	T0-5-8252	SU	5	10	+ + - + + + - -	- - - - -	1/18-17	2/44	
8252	T3-5-8252	SU	5	10	+ + - + - + - -	- - - - -	1/18-17	2/44	
8252	T4A-5-8252	SU	5	10	- - - - - - - -	- - - - -			T5B-5-8252
8252	T5B-5-8252	SU	5	10	+ - + - - + - -	- - - - -		3/46	
8252	T5-5-8252	SU	5	10	+ - + - - + - -	- - - - -		3/46	
8253	T0-6-8253	SU	6	12	+ + - + + + - -	- - - - -	1/20-15	2/44	
8253	T3-6-8253	SU	6	12	+ + - + - + - -	- - - - -	1/20-15	2/44	
8253	T4A-6-8253	SU	6	12	- - - - - - - -	- - - - -			T5B-6-8253
8253	T5B-6-8253	SU	6	12	+ - + - - + - -	- - - - -		3/46	
8253	T5-6-8253	SU	6	12	+ - + - - + - -	- - - - -		3/46	
8254	T0-7-8254	SU	7	14	+ + - + + + - -	- - - - -	1/21-12	2/44	
8254	T3-7-8254	SU	7	14	+ + - + - + - -	- - - - -	1/21-12	2/44	
8254	T4A-7-8254	SU	7	14	- - - - - - - -	- - - - -			T5B-7-8254
8254	T5B-7-8254	SU	7	14	+ - + - - + - -	- - - - -		3/47	
8254	T5-7-8254	SU	7	14	+ - + - - + - -	- - - - -		3/47	
8255	T0-8-8255	SU	8	16	+ + - + + + - -	- - - - -	1/22-13	2/44	
8255	T3-8-8255	SU	8	16	+ + - + - + - -	- - - - -	1/22-13	2/44	
8255	T4A-8-8255	SU	8	16	- - - - - - - -	- - - - -			T5B-8-8255
8255	T5B-8-8255	SU	8	16	+ - + - - + - -	- - - - -		3/47	
8255	T5-8-8255	SU	8	16	+ - + - - + - -	- - - - -		3/47	
8256	T0-9-8256	SU	9	18	+ + - + + + - -	- - - - -	1/24-23	2/82	
8256	T3-9-8256	SU	9	18	+ + - + - + - -	- - - - -	1/24-23	2/82	
8256	T4A-9-8256	SU	9	18	- - - - - - - -	- - - - -			T5B-9-8256
8256	T5B-9-8256	SU	9	18	+ - + - - + - -	- - - - -		3/48	
8256	T5-9-8256	SU	9	18	+ - + - - + - -	- - - - -		3/48	
8257	T0-10-8257	SU	10	20	+ + - + + + - -	- - - - -	1/25-12	2/83	
8257	T3-10-8257	SU	10	20	+ + - + - + - -	- - - - -	1/25-12	2/83	
8257	T4A-10-8257	SU	10	20	- - - - - - - -	- - - - -			T5B-10-8257
8257	T5B-10-8257	SU	10	20	+ - + - - + - -	- - - - -		3/48	
8257	T5-10-8257	SU	10	20	+ - + - - + - -	- - - - -		3/48	
8258	T0-11-8258	SU	11	22	+ + - + + + - -	- - - - -	1/26-10	2/83	
8258	T3-11-8258	SU	11	22	+ + - + - + - -	- - - - -	1/26-10	2/83	
8260	T0-2-8260	SU	3	4	+ + - + + + - -	- - - - -	1/08-25	2/41	
8260	T3-2-8260	SU	3	4	+ + - + - + - -	- - - - -	1/08-25	2/41	
8260	T4A-2-8260	SU	3	4	- - - - - - - -	- - - - -			T5B-2-8260
8260	T5B-2-8260	SU	3	4	+ - + - - + + -	- - - - -		3/43	
8260	T5-2-8260	SU	3	4	+ - + - - + - +	- - - - -		3/43	
8261	T0-3-8261	SU	4	6	+ + - + + + - -	- - - - -	1/14-31	2/41	
8261	T3-3-8261	SU	4	6	+ + - + - + + -	- - - - -	1/14-31	2/41	
8261	T4A-3-8261	SU	4	6	- - - - - - - -	- - - - -			T5B-3-8261
8261	T5B-3-8261	SU	4	6	+ - + - - + + -	- - - - -		3/43	
8261	T5-3-8261	SU	4	6	+ - + - - + - +	- - - - -		3/43	
8262	T0-4-8262	SU	5	8	+ + - + + + - -	- - - - -	1/18-11	2/42	
8262	T3-4-8262	SU	5	8	+ + - + - + - -	- - - - -	1/18-11	2/42	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10				
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif				
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page					
8262	T4A-5-8262	SU	5	8	-	-	-	-	T5B-5-8262				
8262	T5B-5-8262	SU	5	8	+	-	+	-		3/44			
8262	T5-5-8262	SU	5	8	+	-	+	-		3/44			
8263	T0-5-8263	SU	6	10	+	+	-	+		2/42			
8263	T3-5-8263	SU	6	10	+	+	-	+	2/42	T5B-6-8263			
8263	T4A-6-8263	SU	6	10	-	-	-	-	-		3/44		
8263	T5B-6-8263	SU	6	10	+	-	+	-	-		3/44		
8263	T5-6-8263	SU	6	10	+	-	+	-	-		2/42		
8264	T0-6-8264	SU	7	12	+	+	-	+	-	2/42	T5B-7-8264		
8264	T3-6-8264	SU	7	12	+	+	-	+	-	2/42			
8264	T4A-7-8264	SU	7	12	-	-	-	-	-	-		3/44	
8264	T5B-7-8264	SU	7	12	+	-	+	-	-	-		3/44	
8265	T0-7-8265	SU	8	14	+	+	-	+	-	-	2/43	T5B-8-8265	
8265	T3-7-8265	SU	8	14	+	+	-	+	-	-	2/43		
8265	T4A-8-8265	SU	8	14	-	-	-	-	-	-	-		3/45
8265	T5B-8-8265	SU	8	14	+	-	+	-	-	-	-		3/45
8266	T0-8-8266	SU	9	16	+	+	-	+	-	-	2/43	T5B-9-8266	
8266	T3-8-8266	SU	9	16	+	+	-	+	-	-	2/43		
8266	T4A-9-8266	SU	9	16	-	-	-	-	-	-	-		3/45
8266	T5B-9-8266	SU	9	16	+	-	+	-	-	-	-		3/45
8267	T0-9-8267	SU	10	18	+	+	-	+	-	-	2/81	T5B-10-8267	
8267	T3-9-8267	SU	10	18	+	+	-	+	-	-	2/81		
8267	T4A-10-8267	SU	10	18	-	-	-	-	-	-	-		3/45
8267	T5B-10-8267	SU	10	18	+	-	+	-	-	-	-		3/45
8268	T0-10-8268	SU	11	20	+	+	-	+	-	-	2/81	T5B-11-8268	
8268	T3-10-8268	SU	11	20	+	+	-	+	-	-	2/81		
8269	T0-11-8269	SU	12	22	+	+	-	+	-	-	2/82		
8269	T3-11-8269	SU	12	22	+	+	-	+	-	-	2/82		
8270	T0-5-8270	SU	3	9	+	+	-	+	-	-	2/46	T5B-12-8270	
8270	T3-5-8270	SU	3	9	+	+	-	+	-	-	2/46		
8270	T4A-5-8270	SU	3	9	-	-	-	-	-	-	-		3/50
8270	T5B-5-8270	SU	3	9	+	-	+	-	-	-	-		3/50
8271	T0-6-8271	SU	4	12	+	+	-	+	-	-	2/46	T5B-13-8271	
8271	T3-6-8271	SU	4	12	+	+	-	+	-	-	2/46		
8271	T4A-6-8271	SU	4	12	-	-	-	-	-	-	-		3/50
8271	T5B-6-8271	SU	4	12	+	-	+	-	-	-	-		3/50
8272	T0-8-8272	SU	5	15	+	+	-	+	-	-	2/47	T5B-14-8272	
8272	T3-8-8272	SU	5	15	+	+	-	+	-	-	2/47		
8272	T4A-8-8272	SU	5	15	-	-	-	-	-	-	-		3/51
8272	T5B-8-8272	SU	5	15	+	-	+	-	-	-	-		3/51
8273	T0-9-8273	SU	6	18	+	+	-	+	-	-	2/85	T5B-15-8273	
8273	T3-9-8273	SU	6	18	+	+	-	+	-	-	2/85		
8273	T4A-9-8273	SU	6	18	-	-	-	-	-	-	-		3/51
8273	T5B-9-8273	SU	6	18	+	-	+	-	-	-	-		3/51
8274	T0-11-8274	SU	7	21	+	+	-	+	-	-	2/85	T5B-16-8274	
8274	T3-11-8274	SU	7	21	+	+	-	+	-	-	2/85		
8280	T0-3-8280	SU	3	6	+	+	-	+	+	-	2/45		T0-3-8451
8280	T3-3-8280	SU	3	6	+	+	-	+	+	-	2/45		T3-3-8451
8280	T4A-3-8280	SU	3	6	-	-	-	-	-	-	-	T5B-3-8280	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8280	T5B-3-8280	SU	3	6	+ - + - - + + -	- - - -		3/48	
8280	T5-3-8280	SU	3	6	+ - + - - + - +	- - - -		3/48	
8281	T0-5-8281	SU	4	9	+ + - + + + - -	- - - -	1/15-17	2/45	
8281	T3-5-8281	SU	4	9	+ + - + - + - -	- - - -	1/15-17	2/45	
8281	T4A-5-8281	SU	4	9	- - - - - - - -	- - - -			T5B-5-8281
8281	T5B-5-8281	SU	4	9	+ - + - - + - -	- - - -		3/49	
8281	T5-5-8281	SU	4	9	+ - + - - + - -	- - - -		3/49	
8282	T0-6-8282	SU	5	12	+ + - + + + - -	- - - -	1/18-28	2/45	
8282	T3-6-8282	SU	5	12	+ + - + - + - -	- - - -	1/18-28	2/45	
8282	T4A-8-8282	SU	5	12	- - - - - - - -	- - - -			T5B-8-8282
8282	T5B-8-8282	SU	5	12	+ - + - - + - -	- - - -		3/49	
8282	T5-8-8282	SU	5	12	+ - + - - + - -	- - - -		3/49	
8283	T0-8-8283	SU	6	15	+ + - + + + - -	- - - -	1/20-20	2/45	
8283	T3-8-8283	SU	6	15	+ + - + - + - -	- - - -	1/20-20	2/45	
8283	T4A-9-8283	SU	6	15	- - - - - - - -	- - - -			T5B-9-8283
8283	T5B-9-8283	SU	6	15	+ - + - - + - -	- - - -		3/49	
8283	T5-9-8283	SU	6	15	+ - + - - + - -	- - - -		3/49	
8284	T0-9-8284	SU	7	18	+ + - + + + - -	- - - -	1/24-21	2/84	
8284	T3-9-8284	SU	7	18	+ + - + - + - -	- - - -	1/24-21	2/84	
8285	T0-11-8285	SU	8	21	+ + - + + + - -	- - - -	1/26-05	2/84	
8285	T3-11-8285	SU	8	21	+ + - + - + - -	- - - -	1/26-05	2/84	
8290	T0-1-8290	EA	2	1	+ + - + + + -	+ - + +			T0-1-8200
8290	T3-1-8290	EA	2	1	+ + - + - + -	+ - + +			T3-1-8200
8290	T4A-1-8290	EA	2	1	- - - - - - -	- - - -			T5B-1-8290
8290	T5B-1-8290	EA	2	1	+ - + - - + + -	+ - + +			
8290	T5-1-8290	EA	2	1	+ - + - - + - +	- + + +			
8291	T0-1-8291	EA	2	2	+ + - + + + -	+ - + +	1/04-14		T0-1-102
8291	T3-1-8291	EA	2	2	+ + - + - + -	+ - + +	1/04-14		T3-1-102
8291	T4A-1-8291	EA	2	2	- - - - - - -	- - - -			T5B-1-8291
8291	T5B-1-8291	EA	2	2	+ - + - - + + -	+ - + +			
8291	T5-1-8291	EA	2	2	+ - + - - + - +	- + + +			
8292	T0-2-8292	EA	2	3	+ + - + + + -	+ - + +			T0-2-1
8292	T3-2-8292	EA	2	3	+ + - + - + -	+ - + +			T3-2-1
8292	T4A-2-8292	EA	2	3	- - - - - - -	- - - -			T5B-2-8292
8292	T5B-2-8292	EA	2	3	+ - + - - + + -	+ - + +			
8292	T5-2-8292	EA	2	3	+ - + - - + - +	- + + +			
8293	T0-2-8293	EA	2	4	+ + - + + + -	+ - + +	1/05-01	2/04	T0-2-10
8293	T3-2-8293	EA	2	4	+ + - + - + -	+ - + +	1/05-01	2/04	T3-2-10
8293	T4A-2-8293	EA	2	4	- - - - - - -	- - - -			T5B-2-8293
8293	T5B-2-8293	EA	2	4	+ - + - - + + -	+ - + +		3/02	
8293	T5-2-8293	EA	2	4	+ - + - - + - +	- + + +		3/02	
8294	T0-4-8294	UG	3	8	+ + - + + + -	- - - -	1/11-02	2/08	
8294	T3-4-8294	UG	3	8	+ + - + - + -	- - - -	1/11-02	2/08	
8294	T4A-4-8294	UG	3	8	- - - - - - -	- - - -			T5B-4-8294
8294	T5B-4-8294	UG	3	8	+ - + - - + + -	- - - -		3/07	
8294	T5-4-8294	UG	3	8	+ - + - - + - +	- - - -		3/07	
8295	T0-1-8295	ST	2	2	+ + - + + + -	- - - -	1/04-26	2/66	
8295	T3-1-8295	ST	2	2	+ + - + - + -	- - - -	1/04-26	2/66	
8295	T4A-1-8295	ST	2	2	- - - - - - -	- - - -			T5B-1-8295
8295	T5B-1-8295	ST	2	2	+ - + - - + + -	- - - -		3/06,61	
8295	T5-1-8295	ST	2	2	+ - + - - + - +	- - - -		3/06,61	
8296	T0-2-8296	ST	2	4	+ + - + + + -	- - - -	1/05-17	2/66	
8296	T3-2-8296	ST	2	4	+ + - + - + -	- - - -	1/05-17	2/66	
8296	T4A-2-8296	ST	2	4	- - - - - - -	- - - -			T5B-2-8296
8296	T5B-2-8296	ST	2	4	+ - + - - + + -	- - - -		3/0661	
8296	T5-2-8296	ST	2	4	+ - + - - + - +	- - - -		3/0661	
8297	T0-3-8297	ST	2	6	+ + - + + + -	- - - -	1/06-04	2/66	T0-3-8279

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8297	T3-3-8297	ST	2	6	+ + - + - + + -	- - - -	1/06-04	2/66	T3-3-8279
8297	T4A-3-8297	ST	2	6	- - - - - - - -	- - - -			T5B-3-8297
8297	T5B-3-8297	ST	2	6	+ - + - - + + -	- - - -		3/06,61	
8297	T5-3-8297	ST	2	6	+ - + - - + + -	- - - -		3/06,61	
8298	T0-4-8298	UW	2	8	+ + - + + + + -	- - - -	1/06-17	2/10	T0-4-8536
8298	T3-4-8298	UW	2	8	+ + - + - + + -	- - - -	1/06-17	2/10	T3-4-8536
8298	T4A-4-8298	UW	2	8	- - - - - - - -	- - - -			T5B-4-8298
8298	T5B-4-8298	UW	2	8	+ - + - - + + -	- - - -		3/10	
8298	T5-4-8298	UW	2	8	+ - + - - + + -	- - - -		3/10	
8299	T0-3-8299	UG	3	6	+ + - + + + + -	- - - -	1/09-32	2/08	
8299	T3-3-8299	UG	3	6	+ + - + - + + -	- - - -	1/09-32	2/08	
8299	T4A-3-8299	UG	3	6	- - - - - - - -	- - - -			T5B-3-8299
8299	T5B-3-8299	UG	3	6	+ - + - - + + -	- - - -		3/07	
8299	T5-3-8299	UG	3	6	+ - + - - + + -	- - - -		3/07	
8310	T0-1-8310	SU	3	2	+ + - + + + + -	- - - -	1/07-11	2/54	
8310	T3-1-8310	SU	3	2	+ + - + - + + -	- - - -	1/07-11	2/54	
8310	T4A-1-8310	SU	3	2	- - - - - - - -	- - - -			T5B-1-8310
8310	T5B-1-8310	SU	3	2	+ - + - - + + -	- - - -		3/57	
8310	T5-1-8310	SU	3	2	+ - + - - + + -	- - - -		3/57	
8311	T0-2-8311	SU	4	3	+ + - + + + + -	- - - -	1/13-25	2/54	
8311	T3-2-8311	SU	4	3	+ + - + - + + -	- - - -	1/13-25	2/54	
8311	T4A-2-8311	SU	4	3	- - - - - - - -	- - - -			T5B-2-8311
8311	T5B-2-8311	SU	4	3	+ - + - - + + -	- - - -		3/57	
8311	T5-2-8311	SU	4	3	+ - + - - + + -	- - - -		3/57	
8312	T0-2-8312	US	3	4	+ + - + + + + -	- - - -	1/08-27	2/57	
8312	T3-2-8312	US	3	4	+ + - + - + + -	- - - -	1/08-27	2/57	
8312	T4A-2-8312	US	3	4	- - - - - - - -	- - - -			T5B-2-8312
8312	T5B-2-8312	US	3	4	+ - + - - + + -	- - - -		3/59	
8312	T5-2-8312	US	3	4	+ - + - - + + -	- - - -		3/59	
8313	T0-3-8313	US	4	6	+ + - + + + + -	- - - -	1/14-32	2/57	
8313	T3-3-8313	US	4	6	+ + - + - + + -	- - - -	1/14-32	2/57	
8313	T4A-3-8313	US	4	6	- - - - - - - -	- - - -			T5B-3-8313
8313	T5B-3-8313	US	4	6	+ - + - - + + -	- - - -		3/59	
8313	T5-3-8313	US	4	6	+ - + - - + + -	- - - -		3/59	
8314	T0-3-8314	US	3	6	+ + - + + + + -	- - - -	1/09-33	2/57	
8314	T3-3-8314	US	3	6	+ + - + - + + -	- - - -	1/09-33	2/57	
8314	T4A-3-8314	US	3	6	- - - - - - - -	- - - -			T5B-3-8314
8314	T5B-3-8314	US	3	6	+ - + - - + + -	- - - -		3/59	
8314	T5-3-8314	US	3	6	+ - + - - + + -	- - - -		3/59	
8315	T0-5-8315	US	4	9	+ + - + + + + -	- - - -	1/15-19	2/57	
8315	T3-5-8315	US	4	9	+ + - + - + + -	- - - -	1/15-19	2/57	
8315	T4A-5-8315	US	4	9	- - - - - - - -	- - - -			T5B-5-8315
8315	T5B-5-8315	US	4	9	+ - + - - + + -	- - - -		3/59	
8315	T5-5-8315	US	4	9	+ - + - - + + -	- - - -		3/59	
8316	T0-2-8316	US	4	4	+ + - + + + + -	- - - -	1/14-09	2/35	
8316	T3-2-8316	US	4	4	+ + - + - + + -	- - - -	1/14-09	2/35	
8316	T4A-2-8316	US	4	4	- - - - - - - -	- - - -			T5B-2-8316
8316	T5B-2-8316	US	4	4	+ - + - - + + -	- - - -		3/37	
8316	T5-2-8316	US	4	4	+ - + - - + + -	- - - -		3/37	
8324	T0-2-8324	EA	2	4	+ + - + + + + -	+ - + +	1/05-02	2/04,06	
8324	T3-2-8324	EA	2	4	+ + - + - + + -	+ - + +	1/05-02	2/04,06	
8324	T4A-2-8324	E	2	4	- - - - - - - -	- - - -			T5B-2-8324
8324	T5B-2-8324	EA	2	4	+ - + - - + + -	+ - + +		3/05	
8324	T5-2-8324	EA	2	4	+ - + - - + + -	+ - + +		3/05	
8330	T0-1-8330	US	4	2	+ + - + + + + -	- - - -	1/13-15	2/57	
8330	T3-1-8330	US	4	2	+ + - + - + + -	- - - -	1/13-15	2/57	
8330	T4A-1-8330	US	4	2	- - - - - - - -	- - - -			T5B-1-8330

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8330	T5B-1-8330	US	4	2	+ - + - - + + -	- - - -		3/59	
8330	T5-1-8330	US	4	2	+ - + - - + - +	- - - -		3/59	
8331	T0-2-8331	US	4	4	+ + - + + + + -	- - - -	1/14-10	2/57	
8331	T3-2-8331	US	4	4	+ + - + + + + -	- - - -	1/14-10	2/57	
8331	T4A-2-8331	US	4	4	- - - - - - - -	- - - -			T5B-2-8331
8331	T5B-2-8331	US	4	4	+ - + - - + + -	- - - -		3/59	
8331	T5-2-8331	US	4	4	+ - + - - + - +	- - - -		3/59	
8332	T0-3-8332	US	4	6	+ + - + + + + -	- - - -	1/14-33	2/57	
8332	T3-3-8332	US	4	6	+ + - + + + + -	- - - -	1/14-33	2/57	
8332	T4A-3-8332	US	4	6	- - - - - - - -	- - - -			T5B-3-8332
8332	T5B-3-8332	US	4	6	+ - + - - + + -	- - - -		3/59	
8332	T5-3-8332	US	4	6	+ - + - - + - +	- - - -		3/59	
8340	T0-2-8340	US	5	3	+ + - + + + + -	- - - -	1/17-19	2/57	
8340	T3-2-8340	US	5	3	+ + - + + + + -	- - - -	1/17-19	2/57	
8340	T4A-3-8340	US	5	3	- - - - - - - -	- - - -			T5B-3-8340
8340	T5B-3-8340	US	5	3	+ - + - - + + -	- - - -		3/59	
8340	T5-3-8340	US	5	3	+ - + - - + - +	- - - -		3/59	
8341	T0-3-8341	EA	2	5	+ + - + + + + -	+ - + +	1/05-22	2/05	
8341	T3-3-8341	EA	2	5	+ + - + + + + -	+ - + +	1/05-22	2/05	
8341	T4A-3-8341	EA	2	5	- - - - - - - -	- - - -			T5B-3-8341
8341	T5B-3-8341	EA	2	5	+ - + - - + + -	+ - + +		3/02	
8341	T5-3-8341	EA	2	5	+ - + - - + - +	- + + +		3/02	
8342	T0-3-8342	EA	2	6	+ + - + + + + -	+ - + +	1/05-26	2/05	
8342	T3-3-8342	EA	2	6	+ + - + + + + -	+ - + +	1/05-26	2/05	
8342	T4A-3-8342	EA	2	6	- - - - - - - -	- - - -			T5B-3-8342
8342	T5B-3-8342	EA	2	6	+ - + - - + + -	+ - + +		3/02,04	
8342	T5-3-8342	EA	2	6	+ - + - - + - +	- + + +		3/02,04	
8343	T0-4-8343	EA	2	7	+ + - + + + + -	+ - + +	1/06-05	2/05	
8343	T3-4-8343	EA	2	7	+ + - + + + + -	+ - + +	1/06-05	2/05	
8343	T4A-4-8343	EA	2	7	- - - - - - - -	- - - -			T5B-4-8343
8343	T5B-4-8343	EA	2	7	+ - + - - + + -	+ - + +		3/02	
8343	T5-4-8343	EA	2	7	+ - + - - + - +	- + + +		3/02	
8344	T0-4-8344	EA	2	8	+ + - + + + + -	+ - + +	1/06-07	2/05	
8344	T3-4-8344	EA	2	8	+ + - + + + + -	+ - + +	1/06-07	2/05	
8344	T4A-4-8344	EA	2	8	- - - - - - - -	- - - -			T5B-4-8344
8344	T5B-4-8344	EA	2	8	+ - + - - + + -	+ - + +		3/02	
8344	T5-4-8344	EA	2	8	+ - + - - + - +	- + + +		3/02	
8345	T0-5-8345	EA	2	9	+ + - + + + - -	- - - -	1/06-18	2/05	
8345	T3-5-8345	EA	2	9	+ + - + + + - -	- - + +	1/06-18	2/05	
8345	T4A-5-8345	EA	2	9	- - - - - - - -	- - - -			T5B-5-8345
8345	T5B-5-8345	EA	2	9	+ - + - - + - -	- - + +		3/02	
8345	T5-5-8345	EA	2	9	+ - + - - + - -	- - + +		3/02	
8346	T0-5-8346	EA	2	10	+ + - + + + - -	- - - -	1/06-22	2/05	
8346	T3-5-8346	EA	2	10	+ + - + + + - -	- - + +	1/06-22	2/05	
8346	T4A-5-8346	EA	2	10	- - - - - - - -	- - - -			T5B-5-8346
8346	T5B-5-8346	EA	2	10	+ - + - - + - -	- - + +		3/02	
8346	T5-5-8346	EA	2	10	+ - + - - + - -	- - + +		3/02	
8347	T0-6-8347	EA	2	11	+ + - + + + - -	- - - -	1/06-24	2/05	
8347	T3-6-8347	EA	2	11	+ + - + + + - -	- - + +	1/06-24	2/05	
8347	T4A-6-8347	EA	2	11	- - - - - - - -	- - - -			T5B-6-8347
8347	T5B-6-8347	EA	2	11	+ - + - - + - -	- - + +		3/02	
8347	T5-6-8347	EA	2	11	+ - + - - + - -	- - + +		3/02	
8348	T0-6-8348	EA	2	12	+ + - + + + - -	- - - -	1/06-25	2/05	
8348	T3-6-8348	EA	2	12	+ + - + + + - -	- - + +	1/06-25	2/05	
8348	T4A-6-8348	EA	2	12	- - - - - - - -	- - - -			T5B-6-8348
8348	T5B-6-8348	EA	2	12	+ - + - - + - -	- - + +		3/02	
8348	T5-6-8348	EA	2	12	+ - + - - + - -	- - + +		3/02	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8349	T0-7-8349	EA	2	13	+ + - + + + - -	- - - -	1/06-30	2/05	
8349	T3-7-8349	EA	2	13	+ + - + - + - -	- - - -	1/06-30	2/05	
8349	T4A-7-8349	EA	2	13	- - - - - - - -	- - - -			T5B-7-8349
8349	T5B-7-8349	EA	2	13	+ - + - - + - -	- - + +		3/02	
8349	T5-7-8349	EA	2	13	+ - + - - + - -	- - + +		3/02	
8350	T0-7-8350	EA	2	14	+ + - + + + - -	- - - -	1/07-01	2/05	
8350	T3-7-8350	EA	2	14	+ + - + - + - -	- - - -	1/07-01	2/05	
8350	T4A-7-8350	EA	2	14	- - - - - - - -	- - - -			T5B-7-8350
8350	T5B-7-8350	EA	2	14	+ - + - - + - -	- - + +		3/02	
8350	T5-7-8350	EA	2	14	+ - + - - + - -	- - + +		3/02	
8351	T0-8-8351	EA	2	15	+ + - + + + - -	- - - -	1/07-03	2/05	
8351	T3-8-8351	EA	2	15	+ + - + - + - -	- - - -	1/07-03	2/05	
8351	T4A-8-8351	EA	2	15	- - - - - - - -	- - - -			T5B-8-8351
8351	T5B-8-8351	EA	2	15	+ - + - - + - -	- - + +		3/02	
8351	T5-8-8351	EA	2	15	+ - + - - + - -	- - + +		3/02	
8352	T0-8-8352	EA	2	16	+ + - + + + - -	- - - -	1/07-04	2/05	
8352	T3-8-8352	EA	2	16	+ + - + - + - -	- - - -	1/07-04	2/05	
8352	T4A-8-8352	EA	2	16	- - - - - - - -	- - - -			T5B-8-8352
8352	T5B-8-8352	EA	2	16	+ - + - - + - -	- - + +		3/02	
8352	T5-8-8352	EA	2	16	+ - + - - + - -	- - + +		3/02	
8353	T0-9-8353	EA	2	17	+ + - + + + - -	- - - -		2/78	
8353	T3-9-8353	EA	2	17	+ + - + - + - -	- - - -		2/78	
8353	T4A-9-8353	EA	2	17	- - - - - - - -	- - - -			T5B-9-8353
8353	T5B-9-8353	EA	2	17	+ - + - - + - -	- - - -			
8353	T5-9-8353	EA	2	17	+ - + - - + - -	- - - -			
8354	T0-9-8354	EA	2	18	+ + - + + + - -	- - - -	1/24-11	2/78	
8354	T3-9-8354	EA	2	18	+ + - + - + - -	- - - -	1/24-11	2/78	
8354	T4A-9-8354	EA	2	18	- - - - - - - -	- - - -			T5B-9-8354
8354	T5B-9-8354	EA	2	18	+ - + - - + - -	- - - -		3/02	
8354	T5-9-8354	EA	2	18	+ - + - - + - -	- - - -		3/02	
8355	T0-10-8355	EA	2	19	+ + - + + + - -	- - - -	1/25-03	2/78	
8355	T3-10-8355	EA	2	19	+ + - + - + - -	- - - -	1/25-03	2/78	
8355	T4A-10-8355	EA	2	19	- - - - - - - -	- - - -			T5B-10-8355
8355	T5B-10-8355	EA	2	19	+ - + - - + - -	- - - -			
8355	T5-10-8355	EA	2	19	+ - + - - + - -	- - - -			
8356	T0-10-8356	EA	2	20	+ + - + + + - -	- - - -	1/25-04	2/78	
8356	T3-10-8356	EA	2	20	+ + - + - + - -	- - - -	1/25-04	2/78	
8356	T4A-10-8356	EA	2	20	- - - - - - - -	- - - -			T5B-10-8356
8356	T5B-10-8356	EA	2	20	+ - + - - + - -	- - - -		3/02	
8356	T5-10-8356	EA	2	20	+ - + - - + - -	- - - -		3/02	
8357	T0-11-8357	EA	2	21	+ + - + + + - -	- - - -	1/25-15	2/78	
8357	T3-11-8357	EA	2	21	+ + - + - + - -	- - - -	1/25-15	2/78	
8358	T0-11-8358	EA	2	22	+ + - + + + - -	- - - -	1/26-06	2/78	
8358	T3-11-8358	EA	2	22	+ + - + - + - -	- - - -	1/26-06	2/78	
8361	T0-5-8361	UG	3	10	+ + - + + + - -	- - - -	1/12-14	2/08	
8361	T3-5-8361	UG	3	10	+ + - + - + - -	- - - -	1/12-14	2/08	
8361	T4A-5-8361	UG	3	10	- - - - - - - -	- - - -			T5B-5-8361
8361	T5B-5-8361	UG	3	10	+ - + - - + - -	- - - -		3/07	
8361	T5-5-8361	UG	3	10	+ - + - - + - -	- - - -		3/07	
8362	T0-6-8362	UG	3	12	+ + - + + + - -	- - - -	1/12-24	2/08	
8362	T3-6-8362	UG	3	12	+ + - + - + - -	- - - -	1/12-24	2/08	
8362	T4A-6-8362	UG	3	12	- - - - - - - -	- - - -			T5B-6-8362
8362	T5B-6-8362	UG	3	12	+ - + - - + - -	- - - -		3/07	
8362	T5-6-8362	UG	3	12	+ - + - - + - -	- - - -		3/07	
8363	T0-7-8363	UG	3	14	+ + - + + + - -	- - - -	1/13-03	2/08	
8363	T3-7-8363	UG	3	14	+ + - + - + - -	- - - -	1/13-03	2/08	
8363	T4A-7-8363	UG	3	14	- - - - - - - -	- - - -			T5B-7-8363

Standardschaltungen
Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8363	T5B-7-8363	UG	3	14	+ - + - - + - -	- - - -		3/07	
8363	T5-7-8363	UG	3	14	+ - + - - + - -	- - - -		3/07	
8364	T0-8-8364	UG	3	16	+ + - + + + - -	- - - -	1/13-07	2/08	
8364	T3-8-8364	UG	3	16	+ + - + + + - -	- - - -	1/13-07	2/08	
8364	T4A-8-8364	UG	3	16	- - - - - - - -	- - - -			T5B-8-8364
8364	T5B-8-8364	UG	3	16	+ - + - - + - -	- - - -		3/07	
8364	T5-8-8364	UG	3	16	+ - + - - + - -	- - - -		3/07	
8365	T0-9-8365	UG	3	18	+ + - + + + - -	- - - -	1/24-13	2/78	
8365	T3-9-8365	UG	3	18	+ + - + + + - -	- - - -	1/24-13	2/78	
8365	T4A-9-8365	UG	3	18	- - - - - - - -	- - - -			T5B-9-8365
8365	T5B-9-8365	UG	3	18	+ - + - - + - -	- - - -		3/07	
8365	T5-9-8365	UG	3	18	+ - + - - + - -	- - - -		3/07	
8366	T0-10-8366	UG	3	20	+ + - + + + - -	- - - -	1/25-06	2/78	
8366	T3-10-8366	UG	3	20	+ + - + + + - -	- - - -	1/25-06	2/78	
8366	T4A-10-8366	UG	3	20	- - - - - - - -	- - - -			T5B-10-8366
8366	T5B-10-8366	UG	3	20	+ - + - - + - -	- - - -		3/07	
8366	T5-10-8366	UG	3	20	+ - + - - + - -	- - - -		3/07	
8367	T0-11-8367	UG	3	22	+ + - + + + - -	- - - -	1/26-08	2/78	
8367	T3-11-8367	UG	3	22	+ + - + + + - -	- - - -	1/26-08	2/78	
8369	T0-5-8369	UW	2	10	+ + - + + + - -	- - - -	1/06-23	2/07	
8369	T3-5-8369	UW	2	10	+ + - + + + - -	- - - -	1/06-23	2/07	
8369	T4A-5-8369	UW	2	10	- - - - - - - -	- - - -			T5B-5-8369
8369	T5B-5-8369	UW	2	10	+ - + - - + - -	- - - -		3/06	
8369	T5-5-8369	UW	2	10	+ - + - - + - -	- - - -		3/06	
8370	T0-6-8370	UW	2	12	+ + - + + + - -	- - - -	1/06-28	2/07	
8370	T3-6-8370	UW	2	12	+ + - + + + - -	- - - -	1/06-28	2/07	
8370	T4A-6-8370	UW	2	12	- - - - - - - -	- - - -			T5B-6-8370
8370	T5B-6-8370	UW	2	12	+ - + - - + - -	- - - -		3/06	
8370	T5-6-8370	UW	2	12	+ - + - - + - -	- - - -		3/06	
8371	T0-7-8371	UW	2	14	+ + - + + + - -	- - - -	1/07-02	2/07	
8371	T3-7-8371	UW	2	14	+ + - + + + - -	- - - -	1/07-02	2/07	
8371	T4A-7-8371	UW	2	14	- - - - - - - -	- - - -			T5B-7-8371
8371	T5B-7-8371	UW	2	14	+ - + - - + - -	- - - -		3/06	
8371	T5-7-8371	UW	2	14	+ - + - - + - -	- - - -		3/06	
8372	T0-8-8372	UW	2	16	+ + - + + + - -	- - - -	1/07-05	2/07	
8372	T3-8-8372	UW	2	16	+ + - + + + - -	- - - -	1/07-05	2/07	
8372	T4A-8-8372	UW	2	16	- - - - - - - -	- - - -			T5B-8-8372
8372	T5B-8-8372	UW	2	16	+ - + - - + - -	- - - -		3/06	
8372	T5-8-8372	UW	2	16	+ - + - - + - -	- - - -		3/06	
8373	T0-9-8373	UW	2	18	+ + - + + + - -	- - - -	1/24-12	2/78	
8373	T3-9-8373	UW	2	18	+ + - + + + - -	- - - -	1/24-12	2/78	
8373	T4A-9-8373	UW	2	18	- - - - - - - -	- - - -			T5B-9-8373
8373	T5B-9-8373	UW	2	18	+ - + - - + - -	- - - -		3/06	
8373	T5-9-8373	UW	2	18	+ - + - - + - -	- - - -		3/06	
8374	T0-10-8374	UW	2	20	+ + - + + + - -	- - - -	1/25-05	2/78	
8374	T3-10-8374	UW	2	20	+ + - + + + - -	- - - -	1/25-05	2/78	
8374	T4A-10-8374	UW	2	20	- - - - - - - -	- - - -			T5B-10-8374
8374	T5B-10-8374	UW	2	20	+ - + - - + - -	- - - -		3/06	
8374	T5-10-8374	UW	2	20	+ - + - - + - -	- - - -		3/06	
8375	T0-11-8375	UW	2	22	+ + - + + + - -	- - - -	1/26-07	2/78	
8375	T3-11-8375	UW	2	22	+ + - + + + - -	- - - -	1/26-07	2/78	
8400	T0-2-8400	W	3	4	+ + - + + + - -	- - - -	1/08-18	2/11	
8400	T3-2-8400	W	3	4	+ + - + + + - -	- - - -	1/08-18	2/11	
8400	T4A-2-8400	W	3	4	- - - - - - - -	- - - -			T5B-2-8400
8400	T5B-2-8400	W	3	4	+ - + - - + - -	- - - -		3/11	
8400	T5-2-8400	W	3	4	+ - + - - + - -	- - - -		3/11	
8401	T0-3-8401	W	3	5	+ + - + + + - -	- - - -	1/09-11	2/11	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8401	T3-3-8401	W	3	5	+ + - + - + + -	- - - -	1/09-11	2/11	
8401	T4A-3-8401	W	3	5	- - - - - - - -	- - - -			T5B-3-8401
8401	T5B-3-8401	W	3	5	+ - + - - + + -	- - - -		3/11	
8401	T5-3-8401	W	3	5	+ - + - - + + -	- - - -		3/11	
8402	T0-4-8402	W	5	7	+ + - + + + + -	- - - -	1/18-09	2/12	
8402	T3-4-8402	W	5	7	+ + - + - + + -	- - - -	1/18-09	2/12	
8410	T0-4-8410	YD	3	8	+ + - + + + + -	- - - -	1/11-03	2/13	
8410	T3-4-8410	YD	3	8	+ + - + - + + -	- - - -	1/11-03	2/13	
8410	T4A-4-8410	YD	3	8	- - - - - - - -	- - - -			T5B-4-8410
8410	T5B-4-8410	YD	3	8	+ - + - - + + -	- - - -		3/13	
8410	T5-4-8410	YD	3	8	+ - + - - + + -	- - - -		3/13	
8416	T0-5-8416	YD	3	9	+ + - + + + - -	- - - -	1/12-02		
8416	T3-5-8416	YD	3	9	+ + - + - + - -	- - - -	1/12-02		
8417	T0-4-8417	YD	3	8	+ + - + + + + -	- - - -	1/11-10	2/15	
8417	T3-4-8417	YD	3	8	+ + - + - + + -	- - - -	1/11-10	2/15	
8417	T4A-4-8417	YD	3	8	- - - - - - - -	- - - -			T5B-4-8417
8417	T5B-4-8417	YD	3	8	+ - + - - + + -	- - - -		3/16	
8417	T5-4-8417	YD	3	8	+ - + - - + + -	- - - -		3/16	
8418	T0-4-8418	YD	3	8	+ + - + + + + -	- - - -	1/11-08	2/13	
8418	T3-4-8418	YD	3	8	+ + - + - + + -	- - - -	1/11-08	2/13	
8418	T4A-4-8418	YD	3	8	- - - - - - - -	- - - -			T5B-4-8418
8418	T5B-4-8418	YD	3	8	+ - + - - + + -	- - - -		3/13	
8418	T5-4-8418	YD	3	8	+ - + - - + + -	- - - -		3/13	
8419	T0-4-8419	YD	3	7	+ + - + + + + -	- - - -	1/10-19	2/13	
8419	T3-4-8419	YD	3	7	+ + - + - + + -	- - - -	1/10-19	2/13	
8419	T4A-4-8419	YD	3	7	- - - - - - - -	- - - -			T5B-4-8419
8419	T5B-4-8419	YD	3	7	+ - + - - + + -	- - - -		3/13	
8419	T5-4-8419	YD	3	7	+ - + - - + + -	- - - -		3/13	
8420	T0-7-8420	YD	5	12	+ + - + + + - -	- - - -	1/18-30		
8420	T3-7-8420	YD	5	12	+ + - + - + - -	- - - -	1/18-30		
8420	T4A-7-8420	YD	5	12	- - - - - - - -	- - - -			T5B-7-8420
8420	T5B-7-8420	YD	5	12	+ - + - - + - -	- - - -			
8420	T5-7-8420	YD	5	12	+ - + - - + - -	- - - -			
8425	T0-2-8425	HP	3	3	+ + - + + + + -	- - - -	1/08-11	2/32	
8425	T3-2-8425	HP	3	3	+ + - + - + + -	- - - -	1/08-11	2/32	
8425	T4A-2-8425	HP	3	3	- - - - - - - -	- - - -			T5B-2-8425
8425	T5B-2-8425	HP	3	3	+ - + - - + + -	- - - -		3/35	
8425	T5-2-8425	HP	3	3	+ - + - - + + -	- - - -		3/35	
8426	T0-3-8426	HP	5	6	+ + - + + + + -	- - - -	1/18-03	2/32	
8426	T3-3-8426	HP	5	6	+ + - + - + + -	- - - -	1/18-03	2/32	
8426	T4A-3-8426	HP	5	6	- - - - - - - -	- - - -			T5B-3-8426
8426	T5B-3-8426	HP	5	6	+ - + - - + + -	- - - -		3/35	
8426	T5-3-8426	HP	5	6	+ - + - - + + -	- - - -		3/35	
8439	T0-4-8439	PD	3	8	+ + - + + + + -	- - - -	1/11-09	2/17	
8439	T3-4-8439	PD	3	8	+ + - + - + + -	- - - -	1/11-09	2/17	
8439	T4A-4-8439	PD	3	8	- - - - - - - -	- - - -			T5B-4-8439
8439	T5B-4-8439	PD	3	8	+ - + - - + + -	- - - -		3/18	
8439	T5-4-8439	PD	3	8	+ - + - - + + -	- - - -		3/18	
8440	T0-4-8440	PD	3	8	+ + - + + + + -	- - - -	1/11-05	2/17	
8440	T3-4-8440	PD	3	8	+ + - + - + + -	- - - -	1/11-05	2/17	
8440	T4A-4-8440	PD	3	8	- - - - - - - -	- - - -			T5B-4-8440
8440	T5B-4-8440	PD	3	8	+ - + - - + + -	- - - -		3/18	
8440	T5-4-8440	PD	3	8	+ - + - - + + -	- - - -		3/18	
8441	T0-4-8441	PD	3	8	+ + - + + + + -	- - - -	1/11-04	2/19	
8441	T3-4-8441	PD	3	8	+ + - + - + + -	- - - -	1/11-04	2/19	
8441	T4A-4-8441	PD	3	8	- - - - - - - -	- - - -			T5B-4-8441
8441	T5B-4-8441	PD	3	8	+ - + - - + + -	- - - -		3/20	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8441	T5-4-8441	PD	3	8	+ - + - - + - +	- - - -		3/20	
8442	T0-6-8442	PD	5	12	+ + - + + + - -	- - - -	1/19-03		
8442	T3-6-8442	PD	5	12	+ + - + - + - -	- - - -	1/19-03		
8442	T4A-7-8442	PD	5	12	- - - - - - - -	- - - -			T5B-7-8442
8442	T5B-7-8442	PD	5	12	+ - + - - + - -	- - - -			
8442	T5-7-8442	PD	5	12	+ - + - - + - -	- - - -			
8443	T0-4-8443	PD	6	8	+ + - + + + + -	- - - -	1/20-08	2/17	
8443	T3-4-8443	PD	6	8	+ + - + + + + -	- - - -	1/20-08	2/17	
8443	T4A-5-8443	PD	6	8	- - - - - - - -	- - - -			T5B-5-8443
8443	T5B-5-8443	PD	6	8	+ - + - - + - -	- - - -		3/18	
8443	T5-5-8443	PD	6	8	+ - + - - + - -	- - - -		3/18	
8444	T0-5-8444	PD	3	10	+ + - + + + - -	- - - -	1/12-17	2/17	
8444	T3-5-8444	PD	3	10	+ + - + - + - -	- - - -	1/12-17	2/17	
8444	T4A-5-8444	PD	3	10	- - - - - - - -	- - - -			T5B-5-8444
8444	T5B-5-8444	PD	3	10	+ - + - - + - -	- - - -		3/18	
8444	T5-5-8444	PD	3	10	+ - + - - + - -	- - - -		3/18	
8445	T4A-6-8445	YD	4	11	- - - - - - - -	- - - -			T5B-6-8445
8445	T5B-6-8445	YD	4	11	+ - + - - + - -	- - - -			
8445	T5-6-8445	YD	4	11	+ - + - - + - -	- - - -			
8446	T0-8-8446	PY	7	15	+ + - + + + - -	- - - -	1/21-16	2/20	
8446	T3-8-8446	PY	7	15	+ + - + - + - -	- - - -	1/21-16	2/20	
8449	T0-6-8449	UP	4	11	+ + - + + + - -	- - - -	1/16-05	2/22	
8449	T3-6-8449	UP	4	11	+ + - + - + - -	- - - -	1/16-05	2/22	
8449	T4A-6-8449	UP	4	11	- - - - - - - -	- - - -			T5B-6-8449
8449	T5B-6-8449	UP	4	11	+ - + - - + - -	- - - -		3/23	
8449	T5-6-8449	UP	4	11	+ - + - - + - -	- - - -		3/23	
8450	T0-4-8450	UP	3	7	+ + - + + + - -	- - - -	1/10-20	2/22	
8450	T3-4-8450	UP	3	7	+ + - + - + - -	- - - -	1/10-20	2/22	
8450	T4A-4-8450	UP	3	7	- - - - - - - -	- - - -			T5B-4-8450
8450	T5B-4-8450	UP	3	7	+ - + - - + + -	- - - -		3/23	
8450	T5-4-8450	UP	3	7	+ - + - - + - -	- - - -		3/23	
8451	T0-3-8451	UP	3	6	+ + - + + + - -	- - - -	1/09-22		
8451	T3-3-8451	UP	3	6	+ + - + - + - -	- - - -	1/09-22		
8451	T4A-3-8451	UP	3	6	- - - - - - - -	- - - -			T5B-3-8451
8451	T5B-3-8451	UP	3	6	+ - + - - + + -	- - - -			
8451	T5-3-8451	UP	3	6	+ - + - - + - -	- - - -			
8453	T0-5-8453	UP	5	10	+ + - + + + - -	- - - -	1/18-16	2/23	
8453	T3-5-8453	UP	5	10	+ + - + - + - -	- - - -	1/18-16	2/23	
8453	T4A-5-8453	UP	5	10	- - - - - - - -	- - - -			T5B-5-8453
8453	T5B-5-8453	UP	5	10	+ - + - - + - -	- - - -		3/24	
8453	T5-5-8453	UP	5	10	+ - + - - + - -	- - - -		3/24	
8454	T0-8-8454	UP	5	16	+ + - + + + - -	- - - -	1/19-16	2/23	
8454	T3-8-8454	UP	5	16	+ + - + - + - -	- - - -	1/19-16	2/23	
8454	T4A-8-8454	UP	5	16	- - - - - - - -	- - - -			T5B-8-8454
8454	T5B-8-8454	UP	5	16	+ - + - - + - -	- - - -		3/24	
8454	T5-8-8454	UP	5	16	+ - + - - + - -	- - - -		3/24	
8455	T0-6-8455	UP	4	11	+ + - + + + - -	- - - -	1/16-11	2/24	
8455	T3-6-8455	UP	4	11	+ + - + - + - -	- - - -	1/16-11	2/24	
8455	T4A-6-8455	UP	4	11	- - - - - - - -	- - - -			T5B-6-8455
8455	T5B-6-8455	UP	4	11	+ - + - - + - -	- - - -		3/25	
8455	T5-6-8455	UP	4	11	+ - + - - + - -	- - - -		3/25	
8456	T0-8-8456	UP	7	15	+ + - + + + - -	- - - -	1/21-17	2/30	
8456	T3-8-8456	UP	7	15	+ + - + - + - -	- - - -	1/21-17	2/30	
8456	T4A-9-8456	UP	7	15	- - - - - - - -	- - - -			T5B-9-8456
8456	T5B-9-8456	UP	7	15	+ - + - - + - -	- - - -		3/31	
8456	T5-9-8456	UP	7	15	+ - + - - + - -	- - - -		3/31	
8457	T0-6-8457	SU	4	11	+ + - + + + - -	- - - -	1/16-10		

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/SVB /CI19/SVB /EA/SVB /SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8457	T3-6-8457	SU	4	11	+ + - + - + - -	- - - -	1/16-10		
8457	T4A-6-8457	SU	4	11	- - - - - - - -	- - - -		→	T5B-6-8457
8457	T5B-6-8457	SU	4	11	+ - + - - + - -	- - - -			
8457	T5-6-8457	SU	4	11	+ - + - - + - -	- - - -			
8458	T0-8-8458	UP	7	15	+ + - + + + - -	- - - -	1/21-18	2/30	
8458	T3-8-8458	UP	7	15	+ + - + + + - -	- - - -	1/21-18	2/30	
8458	T4A-9-8458	UP	7	15	- - - - - - - -	- - - -			→ T5B-9-8458
8458	T5B-9-8458	UP	7	15	+ - + - - + - -	- - - -		3/31	
8458	T5-9-8458	UP	7	15	+ - + - - + - -	- - - -		3/31	
8459	T0-6-8459	UP	4	11	+ + - + + + - -	- - - -	1/16-12	2/26	
8459	T3-6-8459	UP	4	11	+ + - + + + - -	- - - -	1/16-12	2/26	
8459	T4A-6-8459	UP	4	11	- - - - - - - -	- - - -			→ T5B-6-8459
8459	T5B-6-8459	UP	4	11	+ - + - - + - -	- - - -		3/27	
8459	T5-6-8459	UP	4	11	+ - + - - + - -	- - - -		3/27	
8460	T0-8-8460	UP	7	15	+ + - + + + - -	- - - -	1/21-15	2/30	
8460	T3-8-8460	UP	7	15	+ + - + + + - -	- - - -	1/21-15	2/30	
8460	T4A-8-8460	UP	7	15	- - - - - - - -	- - - -			→ T5B-8-8460
8460	T5B-8-8460	UP	7	15	+ - + - - + - -	- - - -		3/31	
8460	T5-8-8460	UP	7	15	+ - + - - + - -	- - - -		3/31	
8464	T0-6-8464	SP	6	11	+ + - + + + - -	- - - -	1/20-14	2/77	
8464	T3-6-8464	SP	6	11	+ + - + + + - -	- - - -	1/20-14	2/77	
8476	T0-6-8476	SU	3	12	+ + - + + + - -	- - - -	1/12-23	2/47	
8476	T3-6-8476	SU	3	12	+ + - + + + - -	- - - -	1/12-23	2/47	
8476	T4A-6-8476	SU	3	12	- - - - - - - -	- - - -			→ T5B-6-8476
8476	T5B-6-8476	SU	3	12	+ - + - - + - -	- - - -		3/52	
8476	T5-6-8476	SU	3	12	+ - + - - + - -	- - - -		3/52	
8477	T0-8-8477	SU	4	16	+ + - + + + - -	- - - -	1/17-16	2/47	
8477	T3-8-8477	SU	4	16	+ + - + + + - -	- - - -	1/17-16	2/47	
8477	T4A-8-8477	SU	4	16	- - - - - - - -	- - - -			→ T5B-8-8477
8477	T5B-8-8477	SU	4	16	+ - + - - + - -	- - - -		3/53	
8477	T5-8-8477	SU	4	16	+ - + - - + - -	- - - -		3/53	
8478	T0-10-8478	SU	5	20	+ + - + + + - -	- - - -	1/25-08	2/86	
8478	T3-10-8478	SU	5	20	+ + - + + + - -	- - - -	1/25-08	2/86	
8478	T4A-10-8478	SU	5	20	- - - - - - - -	- - - -			→ T5B-10-8478
8478	T5B-10-8478	SU	5	20	+ - + - - + - -	- - - -		3/53	
8478	T5-10-8478	SU	5	20	+ - + - - + - -	- - - -		3/53	
8480	T0-4-8480	SU	3	8	+ + - + + + + -	- - - -	1/11-06	2/47	
8480	T3-4-8480	SU	3	8	+ + - + + + + -	- - - -	1/11-06	2/47	
8480	T4A-4-8480	SU	3	8	- - - - - - - -	- - - -			→ T5B-4-8480
8480	T5B-4-8480	SU	3	8	+ - + - - + + -	- - - -		3/08,52	
8480	T5-4-8480	SU	3	8	+ - + - - + + -	- - - -		3/08,52	
8481	T0-6-8481	SU	4	12	+ + - + + + - -	- - - -	1/16-13	2/47	
8481	T3-6-8481	SU	4	12	+ + - + + + - -	- - - -	1/16-13	2/47	
8481	T4A-6-8481	SU	4	12	- - - - - - - -	- - - -			→ T5B-6-8481
8481	T5B-6-8481	SU	4	12	+ - + - - + - -	- - - -		3/52	
8481	T5-6-8481	SU	4	12	+ - + - - + - -	- - - -		3/52	
8482	T0-8-8482	SU	5	16	+ + - + + + - -	- - - -	1/19-14	2/47	
8482	T3-8-8482	SU	5	16	+ + - + + + - -	- - - -	1/19-14	2/47	
8482	T4A-10-8482	SU	5	16	- - - - - - - -	- - - -			→ T5B-10-8482
8482	T5B-10-8482	SU	5	16	+ - + - - + - -	- - - -		3/52	
8482	T5-10-8482	SU	5	16	+ - + - - + - -	- - - -		3/52	
8483	T0-10-8483	SU	6	20	+ + - + + + - -	- - - -	1/25-10	2/86	
8483	T3-10-8483	SU	6	20	+ + - + + + - -	- - - -	1/25-10	2/86	
8484	T0-8-8484	SU	3	15	+ + - + + + - -	- - - -	1/13-05	2/48	
8484	T3-8-8484	SU	3	15	+ + - + + + - -	- - - -	1/13-05	2/48	
8484	T4A-8-8484	SU	3	15	- - - - - - - -	- - - -			→ T5B-8-8484
8484	T5B-8-8484	SU	3	15	+ - + - - + - -	- - - -		3/54	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19 /SVB /CI19/SVB /EA/SVB /N/SVB		Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8484	T5-8-8484	SU	3	15	+ - + - - + - -	- - - - -		3/54	
8485	T0-10-8485	SU	4	20	+ + - + + + - -	- - - - -	1/25-07	2/86	
8485	T3-10-8485	SU	4	20	+ + - + - + - -	- - - - -	1/25-07	2/86	
8485	T4A-10-8485	SU	4	20	- - - - - - - -	- - - - -			T5B-10-8485
8485	T5B-10-8485	SU	4	20	+ - + - - + - -	- - - - -		3/54	
8485	T5-10-8485	SU	4	20	+ - + - - + - -	- - - - -		3/54	
8486	T0-5-8486	SU	3	10	+ + - + + + - -	- - - - -	1/12-15	2/48	
8486	T3-5-8486	SU	3	10	+ + - + + + - -	- - - - -	1/12-15	2/48	
8486	T4A-5-8486	SU	3	10	- - - - - - - -	- - - - -			T5B-5-8486
8486	T5B-5-8486	SU	3	10	+ - + - - + - -	- - - - -		3/53	
8486	T5-5-8486	SU	3	10	+ - + - - + - -	- - - - -		3/53	
8487	T0-8-8487	SU	4	15	+ + - + + + - -	- - - - -	1/17-15	2/48	
8487	T3-8-8487	SU	4	15	+ + - + - + - -	- - - - -	1/17-15	2/48	
8487	T4A-8-8487	SU	4	15	- - - - - - - -	- - - - -			T5B-8-8487
8487	T5B-8-8487	SU	4	15	+ - + - - + - -	- - - - -		3/54	
8487	T5-8-8487	SU	4	15	+ - + - - + - -	- - - - -		3/54	
8488	T0-10-8488	SU	5	20	+ + - + + + - -	- - - - -	1/25-09	2/86	
8488	T3-10-8488	SU	5	20	+ + - + - + - -	- - - - -	1/25-09	2/86	
8489	T0-9-8489	SU	3	18	+ + - + + + - -	- - - - -	1/24-14	2/87	
8489	T3-9-8489	SU	3	18	+ + - + - + - -	- - - - -	1/24-14	2/87	
8489	T4A-9-8489	SU	3	18	- - - - - - - -	- - - - -			T5B-9-8489
8489	T5B-9-8489	SU	3	18	+ - + - - + - -	- - - - -		3/55	
8489	T5-9-8489	SU	3	18	+ - + - - + - -	- - - - -		3/55	
8491	T0-6-8491	SU	3	12	+ + - + + + - -	- - - - -	1/12-25	2/48	
8491	T3-6-8491	SU	3	12	+ + - + - + - -	- - - - -	1/12-25	2/48	
8491	T4A-6-8491	SU	3	12	- - - - - - - -	- - - - -			T5B-6-8491
8491	T5B-6-8491	SU	3	12	+ - + - - + - -	- - - - -		3/55	
8491	T5-6-8491	SU	3	12	+ - + - - + - -	- - - - -		3/55	
8492	T0-9-8492	SU	4	18	+ + - + + + - -	- - - - -	1/24-15	2/87	
8492	T3-9-8492	SU	4	18	+ + - + - + - -	- - - - -	1/24-15	2/87	
8492	T4A-9-8492	SU	4	18	- - - - - - - -	- - - - -			T5B-9-8492
8492	T5B-9-8492	SU	4	18	+ - + - - + - -	- - - - -		3/55	
8492	T5-9-8492	SU	4	18	+ - + - - + - -	- - - - -		3/55	
8494	T0-11-8494	SU	3	21	+ + - + + + - -	- - - - -	1/25-16	2/87	
8494	T3-11-8494	SU	3	21	+ + - + - + - -	- - - - -	1/25-16	2/87	
8495	T0-7-8495	SU	3	14	+ + - + + + - -	- - - - -	1/13-04	2/48	
8495	T3-7-8495	SU	3	14	+ + - + - + - -	- - - - -	1/13-04	2/48	
8495	T4A-7-8495	SU	3	14	- - - - - - - -	- - - - -			T5B-7-8495
8495	T5B-7-8495	SU	3	14	+ - + - - + - -	- - - - -		3/55	
8495	T5-7-8495	SU	3	14	+ - + - - + - -	- - - - -		3/55	
8496	T0-11-8496	SU	4	21	+ + - + + + - -	- - - - -	1/25-17	2/87	
8496	T3-11-8496	SU	4	21	+ + - + - + - -	- - - - -	1/25-17	2/87	
8498	T0-8-8498	SU	3	16	+ + - + + + - -	- - - - -	1/13-06	2/48	
8498	T3-8-8498	SU	3	16	+ + - + - + - -	- - - - -	1/13-06	2/48	
8498	T4A-8-8498	SU	3	16	- - - - - - - -	- - - - -			T5B-8-8498
8498	T5B-8-8498	SU	3	16	+ - + - - + - -	- - - - -		3/08,55	
8498	T5-8-8498	SU	3	16	+ - + - - + - -	- - - - -		3/08,55	
8512	T0-2-8512	ST	4	3	+ + - + + + - -	- - - - -	1/13-28	2/69	
8512	T3-2-8512	ST	4	3	+ + - + - + - -	- - - - -	1/13-28	2/69	
8513	T0-2-8513	ST	3	4	+ + - + + + - -	- - - - -	1/08-37	2/69	
8513	T3-2-8513	ST	3	4	+ + - + - + - -	- - - - -	1/08-37	2/69	
8515	T0-2-8515	ST	3	4	+ + - + + + - -	- - - - -	1/08-40	2/70	
8515	T3-2-8515	ST	3	4	+ + - + - + - -	- - - - -	1/08-40	2/70	
8516	T0-1-8516	SE	3	2	+ + - + + + - -	- - - - -	1/07-08	2/34	
8516	T3-1-8516	SE	3	2	+ + - + - + - -	- - - - -	1/07-08	2/34	
8517	T0-2-8517	SE	3	3	+ + - + + + - -	- - - - -	1/08-04	2/34	
8517	T3-2-8517	SE	3	3	+ + - + - + - -	- - - - -	1/08-04	2/34	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8521	T0-2-8521	ST	3	4	+ + - + + + -	- - - -	1/08-39	2/70	
8521	T3-2-8521	ST	3	4	+ + - + - + -	- - - -	1/08-39	2/70	
8527	T0-2-8527	SE	3	4	+ + - + + + -	- - - -	1/08-31	2/72	
8527	T3-2-8527	SE	3	4	+ + - + - + -	- - - -	1/08-31	2/72	
8529	T0-6-8529	SE	2	12	+ + - + + + -	- - - -	1/06-29	2/73	
8529	T3-6-8529	SE	2	12	+ + - + - + -	- - - -	1/06-29	2/73	
8531	T0-5-8531	SE	3	10	+ + - + + + -	- - - -	1/12-13	2/73	
8531	T3-5-8531	SE	3	10	+ + - + - + -	- - - -	1/12-13	2/73	
8532	T0-5-8532	MU	4	9	+ + - + + + -	- - - -	1/15-26	2/64	
8532	T3-5-8532	MU	4	9	+ + - + - + -	- - - -	1/15-26	2/64	
8533	T0-5-8533	SE	6	10	+ + - + + + -	- - - -	1/20-10	2/74	
8533	T3-5-8533	SE	6	10	+ + - + - + -	- - - -	1/20-10	2/74	
8535	T0-5-8535	SE	4	10	+ + - + + + -	- - - -	1/15-30	2/74	
8535	T3-5-8535	SE	4	10	+ + - + - + -	- - - -	1/15-30	2/74	
8536	T0-4-8536	ST	2	8	+ + - + + + -	- - - -	1/06-16	2/66	
8536	T3-4-8536	ST	2	8	+ + - + - + -	- - - -	1/06-16	2/66	
8537	T0-2-8537	SE	2	4	+ + - + + + -	- - - -	1/05-19	2/74	
8537	T3-2-8537	SE	2	4	+ + - + - + -	- - - -	1/05-19	2/74	
8566	T0-1-8566	US	4	2	+ + - + + + -	- - - -	1/13-22	2/75	T0-1-15113
8566	T3-1-8566	US	4	2	+ + - + - + -	- - - -	1/13-22	2/75	T3-1-15113
8601	T0-6-8601	UP	4	12	+ + - + + + -	- - - -	1/16-15	2/27	
8601	T3-6-8601	UP	4	12	+ + - + - + -	- - - -	1/16-15	2/27	
8601	T4A-6-8601	UP	4	12	- - - - - - -	- - - -			T5B-6-8601
8601	T5B-6-8601	UP	4	12	+ - + - - + -	- - - -		3/28	
8601	T5-6-8601	UP	4	12	+ - + - - + -	- - - -		3/28	
8602	T0-6-8602	UP	4	12	+ + - + + + -	- - - -	1/16-16	2/27	
8602	T3-6-8602	UP	4	12	+ + - + - + -	- - - -	1/16-16	2/27	
8602	T4A-6-8602	UP	4	12	- - - - - - -	- - - -			T5B-6-8602
8602	T5B-6-8602	UP	4	12	+ - + - - + -	- - - -		3/28	
8602	T5-6-8602	UP	4	12	+ - + - - + -	- - - -		3/28	
8603	T0-6-8603	UP	4	12	+ + - + + + -	- - - -	1/16-17	2/27	
8603	T3-6-8603	UP	4	12	+ + - + - + -	- - - -	1/16-17	2/27	
8604	T0-8-8604	UP	5	16	+ + - + + + -	- - - -	1/19-15	2/31	
8604	T3-8-8604	UP	5	16	+ + - + - + -	- - - -	1/19-15	2/31	
8605	T0-6-8605	UP	4	12	+ + - + + + -	- - - -	1/16-18	2/28	
8605	T3-6-8605	UP	4	12	+ + - + - + -	- - - -	1/16-18	2/28	
8605	T4A-6-8605	UP	4	12	- - - - - - -	- - - -			T5B-6-8605
8605	T5B-6-8605	UP	4	12	+ - + - - + -	- - - -		3/29	
8605	T5-6-8605	UP	4	12	+ - + - - + -	- - - -		3/29	
8606	T0-7-8606	UP	4	13	+ + - + + + -	- - - -	1/17-02	2/28	
8606	T3-7-8606	UP	4	13	+ + - + - + -	- - - -	1/17-02	2/28	
8606	T4A-7-8606	UP	4	13	- - - - - - -	- - - -			T5B-7-8606
8606	T5B-7-8606	UP	4	13	+ - + - - + -	- - - -		3/29	
8606	T5-7-8606	UP	4	13	+ - + - - + -	- - - -		3/29	
8607	T0-6-8607	UP	4	12	+ + - + + + -	- - - -	1/16-19	2/28	
8607	T3-6-8607	UP	4	12	+ + - + - + -	- - - -	1/16-19	2/28	
8607	T4A-6-8607	UP	4	12	- - - - - - -	- - - -			T5B-6-8607
8607	T5B-6-8607	UP	4	12	+ - + - - + -	- - - -		3/29	
8607	T5-6-8607	UP	4	12	+ - + - - + -	- - - -		3/29	
8608	T0-7-8608	UP	4	13	+ + - + + + -	- - - -	1/17-03	2/28	
8608	T3-7-8608	UP	4	13	+ + - + - + -	- - - -	1/17-03	2/28	
8608	T4A-7-8608	UP	4	13	- - - - - - -	- - - -			T5B-7-8608
8608	T5B-7-8608	UP	4	13	+ - + - - + -	- - - -		3/29	
8608	T5-7-8608	UP	4	13	+ - + - - + -	- - - -		3/29	
8609	T0-6-8609	UP	4	12	+ + - + + + -	- - - -	1/16-20	2/28	
8609	T3-6-8609	UP	4	12	+ + - + - + -	- - - -	1/16-20	2/28	
8609	T4A-6-8609	UP	4	12	- - - - - - -	- - - -			T5B-6-8609

Standardschaltungen Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8609	T5B-6-8609	UP	4	12	+ - + - - + - -	- - - -		3/29	
8609	T5-6-8609	UP	4	12	+ - + - - + - -	- - - -		3/29	
8610	T0-7-8610	UP	4	13	+ + - + + + - -	- - - -	1/17-04	2/28	
8610	T3-7-8610	UP	4	13	+ + - + - + - -	- - - -	1/17-04	2/28	
8610	T4A-7-8610	UP	4	13	- - - - - - - -	- - - -			T5B-7-8610
8610	T5B-7-8610	UP	4	13	+ - + - - + - -	- - - -		3/29	
8610	T5-7-8610	UP	4	13	+ - + - - + - -	- - - -		3/29	
8611	T0-10-8611	PD	5	20	+ + - + + + - -	- - - -		2/80	
8611	T3-10-8611	PD	5	20	+ + - + - + - -	- - - -		2/80	
8612	T0-10-8612	PD	5	20	+ + - + + + - -	- - - -		2/80	
8612	T3-10-8612	PD	5	20	+ + - + - + - -	- - - -		2/80	
8613	T0-6-8613	UP	4	12	+ + - + + + - -	- - - -	1/16-21	2/29	
8613	T3-6-8613	UP	4	12	+ + - + - + - -	- - - -	1/16-21	2/29	
8613	T4A-6-8613	UP	4	12	- - - - - - - -	- - - -			T5B-6-8613
8613	T5B-6-8613	UP	4	12	+ - + - - + - -	- - - -		3/30	
8613	T5-6-8613	UP	4	12	+ - + - - + - -	- - - -		3/30	
8614	T0-7-8614	UP	4	13	+ + - + + + - -	- - - -	1/17-05	2/29	
8614	T3-7-8614	UP	4	13	+ + - + - + - -	- - - -	1/17-05	2/29	
8614	T4A-7-8614	UP	4	13	- - - - - - - -	- - - -			T5B-7-8614
8614	T5B-7-8614	UP	4	13	+ - + - - + - -	- - - -		3/30	
8614	T5-7-8614	UP	4	13	+ - + - - + - -	- - - -		3/30	
8615	T0-6-8615	UP	4	12	+ + - + + + - -	- - - -	1/16-22	2/29	
8615	T3-6-8615	UP	4	12	+ + - + - + - -	- - - -	1/16-22	2/29	
8615	T4A-6-8615	UP	4	12	- - - - - - - -	- - - -			T5B-6-8615
8615	T5B-6-8615	UP	4	12	+ - + - - + - -	- - - -		3/30	
8615	T5-6-8615	UP	4	12	+ - + - - + - -	- - - -		3/30	
8616	T0-7-8616	UP	4	13	+ + - + + + - -	- - - -	1/17-06	2/29	
8616	T3-7-8616	UP	4	13	+ + - + - + - -	- - - -	1/17-06	2/29	
8616	T4A-7-8616	UP	4	13	- - - - - - - -	- - - -			T5B-7-8616
8616	T5B-7-8616	UP	4	13	+ - + - - + - -	- - - -		3/30	
8616	T5-7-8616	UP	4	13	+ - + - - + - -	- - - -		3/30	
8617	T0-6-8617	UP	4	12	+ + - + + + - -	- - - -	1/16-23	2/29	
8617	T3-6-8617	UP	4	12	+ + - + - + - -	- - - -	1/16-23	2/29	
8617	T4A-6-8617	UP	4	12	- - - - - - - -	- - - -			T5B-6-8617
8617	T5B-6-8617	UP	4	12	+ - + - - + - -	- - - -		3/30	
8617	T5-6-8617	UP	4	12	+ - + - - + - -	- - - -		3/30	
8618	T0-7-8618	UP	4	13	+ + - + + + - -	- - - -	1/17-07	2/29	
8618	T3-7-8618	UP	4	13	+ + - + - + - -	- - - -	1/17-07	2/29	
8618	T4A-7-8618	UP	4	13	- - - - - - - -	- - - -			T5B-7-8618
8618	T5B-7-8618	UP	4	13	+ - + - - + - -	- - - -		3/30	
8618	T5-7-8618	UP	4	13	+ - + - - + - -	- - - -		3/30	
8619	T0-10-8619	PD	5	20	+ + - + + + - -	- - - -		2/80	
8619	T3-10-8619	PD	5	20	+ + - + - + - -	- - - -		2/80	
8620	T0-10-8620	PD	5	20	+ + - + + + - -	- - - -		2/80	
8620	T3-10-8620	PD	5	20	+ + - + - + - -	- - - -		2/80	
8622	T0-3-8622	W	3	6	+ + - + + + - -	- - - -	1/10-02	2/11	
8622	T3-3-8622	W	3	6	+ + - + - + - -	- - - -	1/10-02	2/11	
8622	T4A-3-8622	W	3	6	- - - - - - - -	- - - -			T5B-3-8622
8622	T5B-3-8622	W	3	6	+ - + - - + + -	- - - -		3/11	
8622	T5-3-8622	W	3	6	+ - + - - + - +	- - - -		3/11	
8711	T0-2-8711	UG	3	4	+ + - + + + - -	- - - -	1/08-32	2/72	
8711	T3-2-8711	UG	3	4	+ + - + - + - -	- - - -	1/08-32	2/72	
8711	T4A-2-8711	UG	3	4	- - - - - - - -	- - - -			T5B-2-8711
8711	T5B-2-8711	UG	3	4	+ - + - - + + -	- - - -		3/64	
8711	T5-2-8711	UG	3	4	+ - + - - + - +	- - - -		3/64	
8828	T0-2-8828	US	4	4	+ + - + + + - -	- - - -	1/14-23	2/75	T0-2-15114
8828	T3-2-8828	US	4	4	+ + - + - + - -	- - - -	1/14-23	2/75	T3-2-15114

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
8871	T0-2-8871	US	4	3	+ + - + + + + -	- - - -	1/13-27	2/56	
8871	T3-2-8871	US	4	3	+ + - + - + + -	- - - -	1/13-27	2/56	
15002	T0-1-15002	SU	2	2	+ + - + + + + -	- - - -		2/51	T0-1-8046
15002	T3-1-15002	SU	2	2	+ + - + - + + -	- - - -		2/51	T3-1-8046
15002	T4A-1-15002	SU	2	2	- - - - - - - -	- - - -			T5B-1-15002
15002	T5B-1-15002	SU	2	2	+ - + - - + + -	- - - -		3/56	
15002	T5-1-15002	SU	2	2	+ - + - - + - +	- - - -		3/56	
15003	T0-2-15003	SU	3	3	+ + - + + + + -	- - - -	1/08-07	2/51	
15003	T3-2-15003	SU	3	3	+ + - + - + + -	- - - -	1/08-07	2/51	
15003	T4A-2-15003	SU	3	3	- - - - - - - -	- - - -			T5B-2-15003
15003	T5B-2-15003	SU	3	3	+ - + - - + + -	- - - -		3/56	
15003	T5-2-15003	SU	3	3	+ - + - - + - +	- - - -		3/56	
15004	T0-2-15004	SU	4	4	+ + - + + + + -	- - - -	1/14-17	2/51	
15004	T3-2-15004	SU	4	4	+ + - + - + + -	- - - -	1/14-17	2/51	
15005	T0-3-15005	SU	5	5	+ + - + + + + -	- - - -	1/17-30	2/51	
15005	T3-3-15005	SU	5	5	+ + - + - + + -	- - - -	1/17-30	2/51	
15006	T0-3-15006	SU	6	6	+ + - + + + + -	- - - -	1/20-06	2/51	
15006	T3-3-15006	SU	6	6	+ + - + - + + -	- - - -	1/20-06	2/51	
15007	T0-4-15007	SU	7	7	+ + - + + + + -	- - - -	1/21-06	2/51	
15007	T3-4-15007	SU	7	7	+ + - + - + + -	- - - -	1/21-06	2/51	
15008	T0-4-15008	SU	8	8	+ + - + + + + -	- - - -	1/22-01	2/51	
15008	T3-4-15008	SU	8	8	+ + - + - + + -	- - - -	1/22-01	2/51	
15009	T0-2-15009	SU	2	4	+ + - + + + + -	- - - -	1/05-14	2/52	
15009	T3-2-15009	SU	2	4	+ + - + - + + -	- - - -	1/05-14	2/52	
15009	T4A-2-15009	SU	2	4	- - - - - - - -	- - - -			T5B-2-15009
15009	T5B-2-15009	SU	2	4	+ - + - - + + -	- - - -		3/56	
15009	T5-2-15009	SU	2	4	+ - + - - + - +	- - - -		3/56	
15010	T0-3-15010	SU	3	6	+ + - + + + + -	- - - -	1/10-14	2/52	
15010	T3-3-15010	SU	3	6	+ + - + - + + -	- - - -	1/10-14	2/52	
15011	T0-4-15011	SU	4	8	+ + - + + + + -	- - - -	1/15-16	2/52	
15011	T3-4-15011	SU	4	8	+ + - + - + + -	- - - -	1/15-16	2/52	
15012	T0-5-15012	SU	5	10	+ + - + + + - -	- - - -	1/18-22	2/52	
15012	T3-5-15012	SU	5	10	+ + - + - + - -	- - - -	1/18-22	2/52	
15013	T0-6-15013	SU	6	12	+ + - + + + - -	- - - -	1/20-17	2/52	
15013	T3-6-15013	SU	6	12	+ + - + - + - -	- - - -	1/20-17	2/52	
15014	T0-7-15014	SU	7	14	+ + - + + + - -	- - - -	1/21-14	2/53	
15014	T3-7-15014	SU	7	14	+ + - + - + - -	- - - -	1/21-14	2/53	
15015	T0-8-15015	SU	8	16	+ + - + + + - -	- - - -	1/22-15	2/53	
15015	T3-8-15015	SU	8	16	+ + - + - + - -	- - - -	1/22-15	2/53	
15015	T4A-8-15015	SU	8	16	- - - - - - - -	- - - -			T5B-8-15015
15015	T5B-8-15015	SU	8	16	+ - + - - + - -	- - - -		3/56	
15015	T5-8-15015	SU	8	16	+ - + - - + - -	- - - -		3/56	
15016	T0-3-15016	SU	2	6	+ + - + + + + -	- - - -	1/06-03	2/53	
15016	T3-3-15016	SU	2	6	+ + - + - + + -	- - - -	1/06-03	2/53	
15017	T0-5-15017	SU	3	9	+ + - + + + - -	- - - -	1/12-03	2/53	
15017	T3-5-15017	SU	3	9	+ + - + - + - -	- - - -	1/12-03	2/53	
15018	T0-6-15018	SU	4	12	+ + - + + + - -	- - - -	1/16-28	2/53	
15018	T3-6-15018	SU	4	12	+ + - + - + - -	- - - -	1/16-28	2/53	
15019	T0-8-15019	SU	5	15	+ + - + + + - -	- - - -	1/19-13	2/53	
15019	T3-8-15019	SU	5	15	+ + - + - + - -	- - - -	1/19-13	2/53	
15019	T4A-8-15019	SU	5	15	- - - - - - - -	- - - -			T5B-8-15019
15019	T5B-8-15019	SU	5	15	+ - + - - + - -	- - - -		3/56	
15019	T5-8-15019	SU	5	15	+ - + - - + - -	- - - -		3/56	
15020	T0-9-15020	SU	6	18	+ + - + + + - -	- - - -	1/24-16	2/88	
15020	T3-9-15020	SU	6	18	+ + - + - + - -	- - - -	1/24-16	2/88	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15020	T4A-9-15020	SU	6	18	-	-	-	-	T5B-9-15020
15020	T5B-9-15020	SU	6	18	+	-	+	-	3/56
15020	T5-9-15020	SU	6	18	+	-	+	-	3/56
15021	T0-11-15021	SU	7	21	+	+	-	+	1/25-18
15021	T3-11-15021	SU	7	21	+	+	-	+	1/25-18
15023	T0-1-15023	SU	3	2	+	+	-	+	1/07-19
15023	T3-1-15023	SU	3	2	+	+	-	+	1/07-19
15023	T4A-1-15023	SU	3	2	-	-	-	-	T5B-1-15023
15023	T5B-1-15023	SU	3	2	+	-	+	-	3/56
15023	T5-1-15023	SU	3	2	+	-	+	-	3/56
15024	T0-2-15024	SU	4	3	+	+	-	+	1/13-35
15024	T3-2-15024	SU	4	3	+	+	-	+	1/13-35
15024	T4A-2-15024	SU	4	3	-	-	-	-	T5B-2-15024
15024	T5B-2-15024	SU	4	3	+	-	+	-	3/56
15024	T5-2-15024	SU	4	3	+	-	+	-	3/56
15025	T0-2-15025	SU	5	4	+	+	-	+	1/17-26
15025	T3-2-15025	SU	5	4	+	+	-	+	1/17-26
15026	T0-3-15026	SU	6	5	+	+	-	+	1/19-24
15026	T3-3-15026	SU	6	5	+	+	-	+	1/19-24
15027	T0-3-15027	SU	7	6	+	+	-	+	1/21-02
15027	T3-3-15027	SU	7	6	+	+	-	+	1/21-02
15028	T0-4-15028	SU	8	7	+	+	-	+	1/21-23
15028	T3-4-15028	SU	8	7	+	+	-	+	1/21-23
15029	T0-2-15029	SU	3	4	+	+	-	+	1/09-03
15029	T3-2-15029	SU	3	4	+	+	-	+	1/09-03
15030	T0-3-15030	SU	4	6	+	+	-	+	1/15-07
15030	T3-3-15030	SU	4	6	+	+	-	+	1/15-07
15031	T0-4-15031	SU	5	8	+	+	-	+	1/18-14
15031	T3-4-15031	SU	5	8	+	+	-	+	1/18-14
15032	T0-5-15032	SU	6	10	+	+	-	+	1/20-11
15032	T3-5-15032	SU	6	10	+	+	-	+	1/20-11
15033	T0-6-15033	SU	7	12	+	+	-	+	1/21-11
15033	T3-6-15033	SU	7	12	+	+	-	+	1/21-11
15034	T0-7-15034	SU	8	14	+	+	-	+	1/22-10
15034	T3-7-15034	SU	8	14	+	+	-	+	1/22-10
15035	T0-3-15035	SU	3	6	+	+	-	+	1/10-16
15035	T3-3-15035	SU	3	6	+	+	-	+	1/10-16
15036	T0-5-15036	SU	4	9	+	+	-	+	1/15-22
15036	T3-5-15036	SU	4	9	+	+	-	+	1/15-22
15037	T0-6-15037	SU	5	12	+	+	-	+	1/19-05
15037	T3-6-15037	SU	5	12	+	+	-	+	1/19-05
15038	T0-8-15038	SU	6	15	+	+	-	+	1/20-22
15038	T3-8-15038	SU	6	15	+	+	-	+	1/20-22
15039	T0-9-15039	SU	7	18	+	+	-	+	1/24-19
15039	T3-9-15039	SU	7	18	+	+	-	+	1/24-19
15040	T0-11-15040	SU	8	21	+	+	-	+	1/26-03
15040	T3-11-15040	SU	8	21	+	+	-	+	1/26-03
15041	T0-1-15041	E	4	2	+	+	-	+	1/13-21
15041	T3-1-15041	E	4	2	+	+	-	+	1/13-21
15042	T0-2-15042	E	4	4	+	+	-	+	1/13-38
15042	T3-2-15042	E	4	4	+	+	-	+	1/13-38
15042	T4A-3-15042	E	4	4	-	-	-	-	T5B-3-15042
15042	T5B-3-15042	E	4	4	+	-	+	-	3/05,65
15042	T5-3-15042	E	4	4	+	-	+	-	3/05,65
15043	T0-1-15043	UG	4	2	+	+	-	+	1/13-18
15043	T3-1-15043	UG	4	2	+	+	-	+	1/13-18
15044	T0-2-15044	UG	4	4	+	+	-	+	1/14-22

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15044	T3-2-15044	UG	4	4	+ + - + - + + -	- - - -	1/14-22	2/75	
15044	T4A-2-15044	UG	4	4	- - - - - - - -	- - - -			T5B-2-15044
15044	T5B-2-15044	UG	4	4	+ - + - - + + -	- - - -		3/09,65	
15044	T5-2-15044	UG	4	4	+ - + - - + + -	- - - -		3/09,65	
15045	T0-3-15045	UG	4	6	+ + - + + + + -	- - - -	1/15-03	2/75	
15045	T3-3-15045	UG	4	6	+ + - + - + + -	- - - -	1/15-03	2/75	
15045	T4A-3-15045	UG	4	6	- - - - - - - -	- - - -			T5B-3-15045
15045	T5B-3-15045	UG	4	6	+ - + - - + + -	- - - -		3/09,65	
15045	T5-3-15045	UG	4	6	+ - + - - + + -	- - - -		3/09,65	
15046	T0-1-15046	US	4	2	+ + - + + + + -	- - - -	1/13-19	2/75	T0-1-15113
15046	T3-1-15046	US	4	2	+ + - + - + + -	- - - -	1/13-19	2/75	T3-1-15113
15047	T0-2-15047	US	4	4	+ + - + + + + -	- - - -	1/14-26	2/75	T0-2-15114
15047	T3-2-15047	US	4	4	+ + - + - + + -	- - - -	1/14-26	2/75	T3-2-15114
15048	T0-1-15048	US	4	2	+ + - + + + + -	- - - -	1/13-20	2/75	T0-1-15111
15048	T3-1-15048	US	4	2	+ + - + - + + -	- - - -	1/13-20	2/75	T3-1-15111
15049	T0-2-15049	US	4	4	+ + - + + + + -	- - - -	1/14-21		
15049	T3-2-15049	US	4	4	+ + - + - + + -	- - - -	1/14-21		
15050	T0-3-15050	US	4	6	+ + - + + + + -	- - - -	1/15-05		
15050	T3-3-15050	US	4	6	+ + - + - + + -	- - - -	1/15-05		
15051	T0-4-15051	US	4	8	+ + - + + + + -	- - - -	1/15-15		
15051	T3-4-15051	US	4	8	+ + - + - + + -	- - - -	1/15-15		
15052	T0-2-15052	SU	4	3	+ + - + + + + -	- - - -	1/13-34	2/37	
15052	T3-2-15052	SU	4	3	+ + - + - + + -	- - - -	1/13-34	2/37	
15053	T0-3-15053	SU	4	6	+ + - + + + + -	- - - -	1/15-02	2/41	T0-3-8261
15053	T3-3-15053	SU	4	6	+ + - + - + + -	- - - -	1/15-02	2/41	T3-3-8261
15054	T0-5-15054	SU	4	9	+ + - + + + - -	- - - -	1/15-27		
15054	T3-5-15054	SU	4	9	+ + - + - + - -	- - - -	1/15-27		
15055	T0-4-15055	SP	4	8	+ + - + + + + -	- - - -	1/15-11	2/77	
15055	T3-4-15055	SP	4	8	+ + - + - + + -	- - - -	1/15-11	2/77	
15056	T0-4-15056	SU	4	8	+ + - + + + + -	- - - -	1/15-13	2/43	T0-4-8251
15056	T3-4-15056	SU	4	8	+ + - + - + + -	- - - -	1/15-13	2/43	T3-4-8251
15057	T0-6-15057	SU	4	12	+ + - + + + - -	- - - -	1/16-29	2/46	T0-6-8271
15057	T3-6-15057	SU	4	12	+ + - + - + - -	- - - -	1/16-29	2/46	T3-6-8271
15058	T0-1-15058	SE	3	2	+ + - + + + + -	- - - -	1/07-14	2/72	
15058	T3-1-15058	SE	3	2	+ + - + - + + -	- - - -	1/07-14	2/72	
15059	T0-1-15059	SE	3	2	+ + - + + + + -	- - - -	1/07-22	2/74	T0-1-15058
15059	T3-1-15059	SE	3	2	+ + - + - + + -	- - - -	1/07-22	2/74	T3-1-15058
15060	T0-1-15060	ST	3	2	+ + - + + + + -	- - - -	1/07-36	2/68	
15060	T3-1-15060	ST	3	2	+ + - + - + + -	- - - -	1/07-36	2/68	
15061	T0-1-15061	ST	3	2	+ + - + + + + -	- - - -	1/07-33	2/68	
15061	T3-1-15061	ST	3	2	+ + - + - + + -	- - - -	1/07-33	2/68	
15062	T0-2-15062	ST	3	3	+ + - + + + + -	- - - -	1/08-12	2/69	
15062	T3-2-15062	ST	3	3	+ + - + - + + -	- - - -	1/08-12	2/69	
15063	T0-2-15063	ST	3	3	+ + - + + + + -	- - - -			
15063	T3-2-15063	ST	3	3	+ + - + - + + -	- - - -			
15064	T0-3-15064	ST	5	6	+ + - + + + + -	- - - -	1/18-05	2/69	
15064	T3-3-15064	ST	5	6	+ + - + - + + -	- - - -	1/18-05	2/69	
15065	T0-3-15065	ST	5	6	+ + - + + + + -	- - - -	1/18-06		
15065	T3-3-15065	ST	5	6	+ + - + - + + -	- - - -	1/18-06		
15067	T0-4-15067	YD	3	8	+ + - + + + + -	- - - -	1/11-25	2/13	
15067	T3-4-15067	YD	3	8	+ + - + - + + -	- - - -	1/11-25	2/13	
15067	T4A-4-15067	YD	3	8	- - - - - - - -	- - - -			T5B-4-15067
15067	T5B-4-15067	YD	3	8	+ - + - - + + -	- - - -		3/13	
15067	T5-4-15067	YD	3	8	+ - + - - + + -	- - - -		3/13	
15068	T0-4-15068	YD	3	8	+ + - + + + + -	- - - -	1/11-26	2/13	
15068	T3-4-15068	YD	3	8	+ + - + - + + -	- - - -	1/11-26	2/13	
15068	T4A-4-15068	YD	3	8	- - - - - - - -	- - - -			T5B-4-15068

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15068	T5B-4-15068	YD	3	8	+ - + - - + + -	- - - -		3/13	
15068	T5-4-15068	YD	3	8	+ - + - - + + -	- - - -		3/13	
15069	T0-3-15069	US	3	6	+ + - + + + + -	- - - -	1/10-13	2/56	T0-3-8314
15069	T3-3-15069	US	3	6	+ + - + + + + -	- - - -	1/10-13	2/56	T3-3-8314
15070	T0-5-15070	SU	4	9	+ + - + + + + -	- - - -	1/15-28	2/56	T0-5-8315
15070	T3-5-15070	SU	4	9	+ + - + + + + -	- - - -	1/15-28	2/56	T3-5-8315
15071	T0-1-15071	SE	2	1	+ + - + + + + -	- - - -		2/71	T0-1-15401
15071	T3-1-15071	SE	2	1	+ + - + + + + -	- - - -		2/71	T3-1-15401
15072	T0-1-15072	ST	2	1	+ + - + + + + -	- - - -		2/66	T0-1-8204
15072	T3-1-15072	ST	2	1	+ + - + + + + -	- - - -		2/66	T3-1-8204
15073	T0-1-15073	ST	3	2	+ + - + + + + -	- - - -			T0-1-78
15073	T3-1-15073	ST	3	2	+ + - + + + + -	- - - -			T3-1-78
15074	T0-1-15074	ST	3	2	+ + - + + + + -	- - - -	1/07-42	2/68	T0-1-8214
15074	T3-1-15074	ST	3	2	+ + - + + + + -	- - - -	1/07-42	2/68	T3-1-8214
15075	T0-1-15075	SU	2	2	+ + - + + + + -	- - - -		2/39	T0-1-8220
15075	T3-1-15075	SU	2	2	+ + - + + + + -	- - - -		2/39	T3-1-8220
15076	T0-1-15076	ST	2	1	- - - - - - - -	- - - -	—————>		T0-1-8204
15076	T3-1-15076	ST	2	1	- - - - - - - -	- - - -	—————>		T3-1-8204
15077	T0-1-15077	ST	2	2	- - - - - - - -	- - - -	—————>		T0-1-8205
15077	T3-1-15077	ST	2	2	- - - - - - - -	- - - -	—————>		T3-1-8205
15078	T0-2-15078	ST	2	3	- - - - - - - -	- - - -	—————>		T0-2-8206
15078	T3-2-15078	ST	2	3	- - - - - - - -	- - - -	—————>		T3-2-8206
15079	T0-2-15079	ST	2	4	- - - - - - - -	- - - -	—————>		T0-2-8207
15079	T3-2-15079	ST	2	4	- - - - - - - -	- - - -	—————>		T3-2-8207
15080	T0-6-15080	YD	4	12	+ + - + + + - -	- - - -	1/17-01	2/15	
15080	T3-6-15080	YD	4	12	+ + - + + + - -	- - - -	1/17-01	2/15	
15080	T4A-6-15080	YD	4	12	- - - - - - - -	- - - -	—————>		T5B-6-15080
15080	T5B-6-15080	YD	4	12	+ - + - - + - -	- - - -		3/16	
15080	T5-6-15080	YD	4	12	+ - + - - + - -	- - - -		3/16	
15081	T0-2-15081	SP	3	4	+ + - + + + + -	- - - -	1/09-07	2/77	
15081	T3-2-15081	SP	3	4	+ + - + + + + -	- - - -	1/09-07	2/77	
15082	T0-3-15082	ST	3	6	+ + - + + + + -	- - - -	1/10-18		
15082	T3-3-15082	ST	3	6	+ + - + + + + -	- - - -	1/10-18		
15083	T0-6-15083	YD	4	11	+ + - + + + - -	- - - -	1/16-09	2/15	
15083	T3-6-15083	YD	4	11	+ + - + + + - -	- - - -	1/16-09	2/15	
15083	T4A-6-15083	YD	4	11	- - - - - - - -	- - - -	—————>		T5B-6-15083
15083	T5B-6-15083	YD	4	11	+ - + - - + - -	- - - -		3/16	
15083	T5-6-15083	YD	4	11	+ - + - - + - -	- - - -		3/16	
15084	T0-8-15084	YD	5	15	- - - - - - - -	- - - -	—————>		T0-8-15092
15084	T3-8-15084	YD	5	15	- - - - - - - -	- - - -	—————>		T3-8-15092
15084	T4A-10-15084	YD	5	15	- - - - - - - -	- - - -	—————>		T5B-10-15092
15084	T5B-10-15084	YD	5	15	+ - + - - + - -	- - - -		3/16	
15084	T5-10-15084	YD	5	15	+ - + - - + - -	- - - -		3/16	
15085	T0-2-15085	SE	3	3	+ + - + + + + -	- - - -	1/08-10	2/72	T0-2-15422
15085	T3-2-15085	SE	3	3	+ + - + + + + -	- - - -	1/08-10	2/72	T3-2-15422
15086	T0-4-15086	SE	5	7	+ + - + + + + -	- - - -	1/18-08	2/74	
15086	T3-4-15086	SE	5	7	+ + - + + + + -	- - - -	1/18-08	2/74	
15087		UP	2	4	- - - - - - - -	- - - -	—————>		T0-2-39
15087		UP	2	4	- - - - - - - -	- - - -	—————>		T3-2-39
15087	T41A-4-15087	UP	2	4	- - - - - - - -	- - - -	—————>		T5-2-39
15088	T0-2-15088	ST	3	3	+ + - + + + + -	- - - -	1/08-15	2/68	
15088	T3-2-15088	ST	3	3	+ + - + + + + -	- - - -	1/08-15	2/68	
15089	T0-1-15089	ST	3	2	+ + - + + + + -	- - - -	1/07-37	2/68	
15089	T3-1-15089	ST	3	2	+ + - + + + + -	- - - -	1/07-37	2/68	
15090	T0-1-15090	ST	2	2	+ + - + + + + -	- - - -	1/04-31	2/66	
15090	T3-1-15090	ST	2	2	+ + - + + + + -	- - - -	1/04-31	2/66	
15091	T0-2-15091	SE	4	3	+ + - + + + + -	- - - -	1/13-29	2/74	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15091	T3-2-15091	SE	4	3	+ + - + - + + -	- - - -	1/13-29	2/74	
15092	T0-8-15092	YD	5	15	+ + - + + + - -	- - - -	1/19-11	2/15	
15092	T3-8-15092	YD	5	15	+ + - + - + - -	- - - -	1/19-11	2/15	
15092	T4A-10-15092	YD	5	15	- - - - - - - -	- - - -			T5B-10-15092
15092	T5B-10-15092	YD	5	15	+ - + - - + - -	- - - -		3/16	
15092	T5-10-15092	YD	5	15	+ - + - - + - -	- - - -		3/16	
15098	T0-3-15098	HP	3	6	+ + - + + + + -	- - - -	1/10-17		
15098	T3-3-15098	HP	3	6	+ + - + - + + -	- - - -	1/10-17		
15100	T0-8-15100	UP	4	16	+ + - + + + - -	- - - -	1/17-17	2/30	
15100	T3-8-15100	UP	4	16	+ + - + - + - -	- - - -	1/17-17	2/30	
15100	T4A-8-15100	UP	4	16	- - - - - - - -	- - - -			T5B-8-15100
15100	T5B-8-15100	UP	4	16	+ - + - - + - -	- - - -		3/32	
15100	T5-8-15100	UP	4	16	+ - + - - + - -	- - - -		3/32	
15101	T0-9-15101	UP	4	17	+ + - + + + - -	- - - -		2/78	
15101	T3-9-15101	UP	4	17	+ + - + - + - -	- - - -		2/78	
15101	T4A-9-15101	UP	4	17	- - - - - - - -	- - - -			T5B-9-15101
15101	T5B-9-15101	UP	4	17	+ - + - - + - -	- - - -		3/32	
15101	T5-9-15101	UP	4	17	+ - + - - + - -	- - - -		3/32	
15102	T0-8-15102	UP	3	16	+ + - + + + - -	- - - -	1/13-08	2/30	
15102	T3-8-15102	UP	3	16	+ + - + - + - -	- - - -	1/13-08	2/30	
15102	T4A-8-15102	UP	3	16	- - - - - - - -	- - - -			T5B-8-15102
15102	T5B-8-15102	UP	3	16	+ - + - - + - -	- - - -		3/32	
15102	T5-8-15102	UP	3	16	+ - + - - + - -	- - - -		3/32	
15103	T0-9-15103	UP	3	17	+ + - + + + - -	- - - -		2/78	
15103	T3-9-15103	UP	3	17	+ + - + - + - -	- - - -		2/78	
15103	T4A-9-15103	UP	3	17	- - - - - - - -	- - - -			T5B-9-15103
15103	T5B-9-15103	UP	3	17	+ - + - - + - -	- - - -		3/32	
15103	T5-9-15103	UP	3	17	+ - + - - + - -	- - - -		3/32	
15104	T0-10-15104	UP	4	19	+ + - + + + - -	- - - -		2/79	
15104	T3-10-15104	UP	4	19	+ + - + - + - -	- - - -		2/79	
15104	T4A-10-15104	UP	4	19	- - - - - - - -	- - - -			T5B-10-15104
15104	T5B-10-15104	UP	4	19	+ - + - - + - -	- - - -		3/32	
15104	T5-10-15104	UP	4	19	+ - + - - + - -	- - - -		3/32	
15105	T0-6-15105	PD	7	12	+ + - + + + - -	- - - -	1/21-10	2/20	
15105	T3-6-15105	PD	7	12	+ + - + - + - -	- - - -	1/21-10	2/20	
15105	T4A-7-15105	PD	7	12	- - - - - - - -	- - - -			T5B-7-15105
15105	T5B-7-15105	PD	7	12	+ - + - - + - -	- - - -		3/21	
15105	T5-7-15105	PD	7	12	+ - + - - + - -	- - - -		3/21	
15106	T0-4-15106	PD	3	8	+ + - + + + + -	- - - -			T0-4-15107
15106	T3-4-15106	PD	3	8	+ + - + - + + -	- - - -			T3-4-15107
15106	T4A-4-15106	PD	3	8	- - - - - - - -	- - - -			T5B-4-15106
15106	T5B-4-15106	PD	3	8	+ - + - - + + -	- - - -		3/20	
15106	T5-4-15106	PD	3	8	+ - + - - + + -	- - - -		3/20	
15107	T0-4-15107	UP	3	8	+ + - + + + + -	- - - -	1/11-11	2/19	
15107	T3-4-15107	UP	3	8	+ + - + - + + -	- - - -	1/11-11	2/19	
15108	T0-1-15108	E	4	2	+ + - + + + + -	- - - -	1/13-10	2/75	
15108	T3-1-15108	E	4	2	+ + - + - + + -	- - - -	1/13-10	2/75	
15108	T4A-1-15108	E	4	2	- - - - - - - -	- - - -			T5B-1-15108
15108	T5B-1-15108	E	4	2	+ - + - - + + -	- - - -		3/05,65	
15108	T5-1-15108	E	4	2	+ - + - - + + -	- - - -		3/05,65	
15109	T0-1-15109	UG	4	2	+ + - + + + + -	- - - -	1/13-11	2/75	
15109	T3-1-15109	UG	4	2	+ + - + - + + -	- - - -	1/13-11	2/75	
15109	T4A-1-15109	UG	4	2	- - - - - - - -	- - - -			T5B-1-15109
15109	T5B-1-15109	UG	4	2	+ - + - - + + -	- - - -		3/65	
15109	T5-1-15109	UG	4	2	+ - + - - + + -	- - - -		3/65	
15110	T0-1-15110	US	4	2	+ + - + + + + -	- - - -	1/13-16	2/75	
15110	T3-1-15110	US	4	2	+ + - + - + + -	- - - -	1/13-16	2/75	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes	Seite Page-Pict.-No. Page	Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page	Seite Page-Pict.-No. Page	
15111	T0-1-15111	UW	4	2	+ + - + + + -	- - - -	1/13-12	2/75	
15111	T3-1-15111	UW	4	2	+ + - + - + + -	- - - -	1/13-12	2/75	
15112	T0-2-15112	UK	4	4	+ + - + + + + -	- - - -	1/14-24	2/75	
15112	T3-2-15112	UK	4	4	+ + - + - + + -	- - - -	1/14-24	2/75	
15112	T4A-2-15112	UK	4	4	- - - - - - - -	- - - -			T5B-2-15112
15112	T5B-2-15112	UK	4	4	+ - + - - + + -	- - - -		3/65	
15112	T5-2-15112	UK	4	4	+ - + - - + - +	- - - -		3/65	
15113	T0-1-15113	US	4	2	+ + - + + + + -	- - - -	1/13-13	2/57	
15113	T3-1-15113	US	4	2	+ + - + - + + -	- - - -	1/13-13	2/57	
15114	T0-2-15114	US	4	4	+ + - + + + + -	- - - -	1/14-02	2/57	
15114	T3-2-15114	US	4	4	+ + - + - + + -	- - - -	1/14-02	2/57	
15114	T4A-2-15114	US	4	4	- - - - - - - -	- - - -			T5B-2-15114
15114	T5B-2-15114	US	4	4	+ - + - - + + -	- - - -		3/59	
15114	T5-2-15114	US	4	4	+ - + - - + - +	- - - -		3/59	
15115	T0-3-15115	US	4	6	+ + - + + + + -	- - - -	1/14-30	2/57	
15115	T3-3-15115	US	4	6	+ + - + - + + -	- - - -	1/14-30	2/57	
15115	T4A-4-15115	US	4	6	- - - - - - - -	- - - -			T5B-4-15115
15115	T5B-4-15115	US	4	6	+ - + - - + + -	- - - -		3/59	
15115	T5-4-15115	US	4	6	+ - + - - + - +	- - - -		3/59	
15120	T0-2-15120	HP	3	3	+ + - + + + + -	- - - -	1/08-13	2/32	
15120	T3-2-15120	HP	3	3	+ + - + - + + -	- - - -	1/08-13	2/32	
15120	T4A-2-15120	HP	3	3	- - - - - - - -	- - - -			T5B-2-15120
15120	T5B-2-15120	HP	3	3	+ - + - - + + -	- - - -		3/35	
15120	T5-2-15120	HP	3	3	+ - + - - + - +	- - - -		3/35	
15121	T0-2-15121	HP	3	3	+ + - + + + + -	- - - -	1/08-02	2/32	
15121	T3-2-15121	HP	3	3	+ + - + - + + -	- - - -	1/08-02	2/32	
15121	T4A-2-15121	HP	3	3	- - - - - - - -	- - - -			T5B-2-15121
15121	T5B-2-15121	HP	3	3	+ - + - - + + -	- - - -		3/35	
15121	T5-2-15121	HP	3	3	+ - + - - + - +	- - - -		3/35	
15122	T0-3-15122	HP	5	6	+ + - + + + + -	- - - -	1/18-07	2/32	
15122	T3-3-15122	HP	5	6	+ + - + - + + -	- - - -	1/18-07	2/32	
15122	T4A-3-15122	HP	5	6	- - - - - - - -	- - - -			T5B-3-15122
15122	T5B-3-15122	HP	5	6	+ - + - - + + -	- - - -		3/35	
15122	T5-3-15122	HP	5	6	+ - + - - + - +	- - - -		3/35	
15123	T0-3-15123	HP	5	6	+ + - + + + + -	- - - -	1/18-04	2/32	
15123	T3-3-15123	HP	5	6	+ + - + - + + -	- - - -	1/18-04	2/32	
15124	T0-3-15124	HP	3	5	+ + - + + + + -	- - - -	1/09-19	2/32	
15124	T3-3-15124	HP	3	5	+ + - + - + + -	- - - -	1/09-19	2/32	
15124	T4A-3-15124	HP	3	5	- - - - - - - -	- - - -			T5B-3-15124
15124	T5B-3-15124	HP	3	5	+ - + - - + + -	- - - -		3/35	
15124	T5-3-15124	HP	3	5	+ - + - - + - +	- - - -		3/35	
15125	T0-2-15125	HP	3	4	+ + - + + + + -	- - - -	1/09-08	2/32	
15125	T3-2-15125	HP	3	4	+ + - + - + + -	- - - -	1/09-08	2/32	
15125	T4A-2-15125	HP	3	4	- - - - - - - -	- - - -			T5B-2-15125
15125	T5B-2-15125	HP	3	4	+ - + - - + + -	- - - -		3/35	
15125	T5-2-15125	HP	3	4	+ - + - - + - +	- - - -		3/35	
15126	T0-4-15126	HP	5	8	+ + - + + + + -	- - - -	1/18-15	2/33	
15126	T3-4-15126	HP	5	8	+ + - + - + + -	- - - -	1/18-15	2/33	
15126	T4A-5-15126	HP	5	8	- - - - - - - -	- - - -			T5B-5-15126
15126	T5B-5-15126	HP	5	8	+ - + - - + - -	- - - -		3/36	
15126	T5-5-15126	HP	5	8	+ - + - - + - -	- - - -		3/36	
15127		HP	5	10	- - - - - - - -	- - - -		2/33	
15130	T0-2-15130	SU	3	4	+ + - + + + + -	- - - -	1/08-44	2/41	T0-2-8260
15130	T3-2-15130	SU	3	4	+ + - + - + + -	- - - -	1/08-44	2/41	T3-2-8260
15130	T4A-2-15130	SU	3	4	- - - - - - - -	- - - -			T5B-2-15130
15130	T5B-2-15130	SU	3	4	+ - + - - + + -	- - - -		3/43	
15130	T5-2-15130	SU	3	4	+ - + - - + - +	- - - -		3/43	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15131	T0-3-15131	SU	4	6	+ + - + + + -	- - - -	1/15-01	2/41	T0-3-8261
15131	T3-3-15131	SU	4	6	+ + - + - + -	- - - -	1/15-01	2/41	T3-3-8261
15131	T4A-3-15131	SU	4	6	- - - - - - -	- - - -			T5B-3-15131
15131	T5B-3-15131	SU	4	6	+ - + - - + -	- - - -		3/43	
15131	T5-3-15131	SU	4	6	+ - + - - + -	- - - -		3/43	
15132	T0-4-15132	SU	5	8	+ + - + + + -	- - - -	1/18-12	2/42	T0-4-8262
15132	T3-4-15132	SU	5	8	+ + - + - + -	- - - -	1/18-12	2/42	T3-4-8262
15132	T4A-5-15132	SU	5	8	- - - - - - -	- - - -			T5B-5-15132
15132	T5B-5-15132	SU	5	8	+ - + - - + -	- - - -		3/44	
15132	T5-5-15132	SU	5	8	+ - + - - + -	- - - -		3/44	
15133	T0-5-15133	SU	6	10	+ + - + + + -	- - - -	1/20-12	2/42	T0-5-8263
15133	T3-5-15133	SU	6	10	+ + - + - + -	- - - -	1/20-12	2/42	T3-5-8263
15133	T4A-6-15133	SU	6	10	- - - - - - -	- - - -			T5B-6-15133
15133	T5B-6-15133	SU	6	10	+ - + - - + -	- - - -		3/44	
15133	T5-6-15133	SU	6	10	+ - + - - + -	- - - -		3/44	
15134	T0-6-15134	SU	7	12	+ + - + + + -	- - - -	1/21-09	2/42	T0-6-8264
15134	T3-6-15134	SU	7	12	+ + - + - + -	- - - -	1/21-09	2/42	T3-6-8264
15134	T4A-7-15134	SU	7	12	- - - - - - -	- - - -			T5B-7-15134
15134	T5B-7-15134	SU	7	12	+ - + - - + -	- - - -		3/44	
15134	T5-7-15134	SU	7	12	+ - + - - + -	- - - -		3/44	
15135	T0-7-15135	SU	8	14	+ + - + + + -	- - - -	1/22-09	2/42	T0-7-8265
15135	T3-7-15135	SU	8	14	+ + - + - + -	- - - -	1/22-09	2/42	T3-7-8265
15135	T4A-8-15135	SU	8	14	- - - - - - -	- - - -			T5B-8-15135
15135	T5B-8-15135	SU	8	14	+ - + - - + -	- - - -		3/44	
15135	T5-8-15135	SU	8	14	+ - + - - + -	- - - -		3/44	
15136	T0-2-15136	SU	2	4	+ + - + + + -	- - - -		2/43	T0-2-8221
15136	T3-2-15136	SU	2	4	+ + - + - + -	- - - -		2/43	T3-2-8221
15136	T4A-2-15136	SU	2	4	- - - - - - -	- - - -			T5B-2-15136
15136	T5B-2-15136	SU	2	4	+ - + - - + +	- - - -		3/46	
15136	T5-2-15136	SU	2	4	+ - + - - + +	- - - -		3/46	
15137	T0-3-15137	SU	3	6	+ + - + + + -	- - - -	1/10-08	2/43	T0-3-8250
15137	T3-3-15137	SU	3	6	+ + - + - + -	- - - -	1/10-08	2/43	T3-3-8250
15137	T4A-3-15137	SU	3	6	- - - - - - -	- - - -			T5B-3-15137
15137	T5B-3-15137	SU	3	6	+ - + - - + +	- - - -		3/46	
15137	T5-3-15137	SU	3	6	+ - + - - + +	- - - -		3/46	
15138	T0-4-15138	SU	4	8	+ + - + + + -	- - - -	1/15-12	2/43	T0-4-8251
15138	T3-4-15138	SU	4	8	+ + - + - + -	- - - -	1/15-12	2/43	T3-4-8251
15138	T4A-4-15138	SU	4	8	- - - - - - -	- - - -			T5B-4-15138
15138	T5B-4-15138	SU	4	8	+ - + - - + +	- - - -		3/46	
15138	T5-4-15138	SU	4	8	+ - + - - + +	- - - -		3/46	
15139	T0-5-15139	SU	5	10	+ + - + + + -	- - - -	1/18-20	2/43	T0-5-8252
15139	T3-5-15139	SU	5	10	+ + - + - + -	- - - -	1/18-20	2/43	T3-5-8252
15139	T4A-5-15139	SU	5	10	- - - - - - -	- - - -			T5B-5-15139
15139	T5B-5-15139	SU	5	10	+ - + - - + -	- - - -		3/46	
15139	T5-5-15139	SU	5	10	+ - + - - + -	- - - -		3/46	
15140	T0-6-15140	SU	6	12	+ + - + + + -	- - - -	1/20-16	2/44	T0-6-8253
15140	T3-6-15140	SU	6	12	+ + - + - + -	- - - -	1/20-16	2/44	T3-6-8253
15140	T4A-6-15140	SU	6	12	- - - - - - -	- - - -			T5B-6-15140
15140	T5B-6-15140	SU	6	12	+ - + - - + -	- - - -		3/46	
15140	T5-6-15140	SU	6	12	+ - + - - + -	- - - -		3/46	
15141	T0-7-15141	SU	7	14	+ + - + + + -	- - - -	1/21-13	2/44	T0-7-8254
15141	T3-7-15141	SU	7	14	+ + - + - + -	- - - -	1/21-13	2/44	T3-7-8254
15141	T4A-7-15141	SU	7	14	- - - - - - -	- - - -			T5B-7-15141
15141	T5B-7-15141	SU	7	14	+ - + - - + -	- - - -		3/47	
15141	T5-7-15141	SU	7	14	+ - + - - + -	- - - -		3/47	
15142	T0-8-15142	SU	8	16	+ + - + + + -	- - - -	1/22-14	2/44	T0-8-8255
15142	T3-8-15142	SU	8	16	+ + - + - + -	- - - -	1/22-14	2/44	T3-8-8255

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15142	T4A-8-15142	SU	8	16	- - - - - - - -	- - - - -			T5B-8-15142
15142	T5B-8-15142	SU	8	16	+ - + - - + - -	- - - - -		3/47	
15142	T5-8-15142	SU	8	16	+ - + - - + - -	- - - - -		3/47	
15143	T0-3-15143	SU	3	6	+ + - + + + - -	- - - - -	1/10-15	2/45	T0-3-8280
15143	T3-3-15143	SU	3	6	+ + - + + + - -	- - - - -	1/10-15	2/45	T3-3-8280
15143	T4A-3-15143	SU	3	6	- - - - - - - -	- - - - -			T5B-3-15143
15143	T5B-3-15143	SU	3	6	+ - + - - + + -	- - - - -		3/48	
15143	T5-3-15143	SU	3	6	+ - + - - + - +	- - - - -		3/48	
15144	T0-5-15144	SU	4	9	+ + - + + + - -	- - - - -	1/15-21	2/45	T0-5-8281
15144	T3-5-15144	SU	4	9	+ + - + - + - -	- - - - -	1/15-21	2/45	T3-5-8281
15144	T4A-5-15144	SU	4	9	- - - - - - - -	- - - - -			T5B-5-15144
15144	T5B-5-15144	SU	4	9	+ - + - - + - -	- - - - -		3/49	
15144	T5-5-15144	SU	4	9	+ - + - - + - -	- - - - -		3/49	
15145	T0-6-15145	SU	5	12	+ + - + + + - -	- - - - -	1/19-04	2/45	T0-6-8282
15145	T3-6-15145	SU	5	12	+ + - + - + - -	- - - - -	1/19-04	2/45	T3-6-8282
15145	T4A-8-15145	SU	5	12	- - - - - - - -	- - - - -			T5B-8-15145
15145	T5B-8-15145	SU	5	12	+ - + - - + - -	- - - - -		3/49	
15145	T5-8-15145	SU	5	12	+ - + - - + - -	- - - - -		3/49	
15146	T0-8-15146	SU	6	15	+ + - + + + - -	- - - - -	1/20-21	2/45	T0-8-8283
15146	T3-8-15146	SU	6	15	+ + - + - + - -	- - - - -	1/20-21	2/45	T3-8-8283
15146	T4A-9-15146	SU	6	15	- - - - - - - -	- - - - -			T5B-9-15146
15146	T5B-9-15146	SU	6	15	+ - + - - + - -	- - - - -		3/49	
15146	T5-9-15146	SU	6	15	+ - + - - + - -	- - - - -		3/49	
15147	T0-9-15147	SU	7	18	+ + - + + + - -	- - - - -	1/24-20	2/84	
15147	T3-9-15147	SU	7	18	+ + - + - + - -	- - - - -	1/24-20	2/84	
15148	T0-11-15148	SU	8	21	+ + - + + + - -	- - - - -	1/26-04	2/84	
15148	T3-11-15148	SU	8	21	+ + - + - + - -	- - - - -	1/26-04	2/84	
15149	T0-3-15149	SU	2	6	+ + - + + + - -	- - - - -		2/46	T0-3-8222
15149	T3-3-15149	SU	2	6	+ + - + + + - -	- - - - -		2/46	T3-3-8222
15149	T4A-3-15149	SU	2	6	- - - - - - - -	- - - - -			T5B-3-15149
15149	T5B-3-15149	SU	2	6	+ - + - - + + -	- - - - -		3/50	
15149	T5-3-15149	SU	2	6	+ - + - - + - +	- - - - -		3/50	
15150	T0-5-15150	SU	3	9	+ + - + + + - -	- - - - -	1/12-08	2/46	T0-5-8270
15150	T3-5-15150	SU	3	9	+ + - + - + - -	- - - - -	1/12-08	2/46	T3-5-8270
15150	T4A-5-15150	SU	3	9	- - - - - - - -	- - - - -			T5B-5-15150
15150	T5B-5-15150	SU	3	9	+ - + - - + - -	- - - - -		3/50	
15150	T5-5-15150	SU	3	9	+ - + - - + - -	- - - - -		3/50	
15151	T0-6-15151	SU	4	12	+ + - + + + - -	- - - - -	1/16-25	2/46	T0-6-8271
15151	T3-6-15151	SU	4	12	+ + - + - + - -	- - - - -	1/16-25	2/46	T3-6-8271
15151	T4A-6-15151	SU	4	12	- - - - - - - -	- - - - -			T5B-6-15151
15151	T5B-6-15151	SU	4	12	+ - + - - + - -	- - - - -		3/50	
15151	T5-6-15151	SU	4	12	+ - + - - + - -	- - - - -		3/50	
15152	T0-8-15152	SU	5	15	+ + - + + + - -	- - - - -	1/19-12	2/46	T0-8-8272
15152	T3-8-15152	SU	5	15	+ + - + - + - -	- - - - -	1/19-12	2/46	T3-8-8272
15152	T4A-8-15152	SU	5	15	- - - - - - - -	- - - - -			T5B-8-15152
15152	T5B-8-15152	SU	5	15	+ - + - - + - -	- - - - -		3/51	
15152	T5-8-15152	SU	5	15	+ - + - - + - -	- - - - -		3/51	
15153	T0-9-15153	SU	6	18	+ + - + + + - -	- - - - -	1/24-17	2/85	
15153	T3-9-15153	SU	6	18	+ + - + - + - -	- - - - -	1/24-17	2/85	
15153	T4A-9-15153	SU	6	18	- - - - - - - -	- - - - -			T5B-9-15153
15153	T5B-9-15153	SU	6	18	+ - + - - + - -	- - - - -		3/51	
15153	T5-9-15153	SU	6	18	+ - + - - + - -	- - - - -		3/51	
15154	T0-11-15154	SU	7	21	+ + - + + + - -	- - - - -	1/26-01	2/85	
15154	T3-11-15154	SU	7	21	+ + - + - + - -	- - - - -	1/26-01	2/85	
15158		EA	2	5	- - - - - - - -	- - - - -			T0-3-15259
15158		EA	2	5	- - - - - - - -	- - - - -			T3-3-15259
15158	T46A-5-15158	EA	2	5	- - - - - - - -	- - - - -			T5-3-15260

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/I/SVB /CI9/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15159	T0-3-15159	EA	2	6	+ + - + + + + -	+ - + +	1/06-01		T0-3-15683
15159	T3-3-15159	EA	2	6	+ + - + - + + -	+ - + +	1/06-01		T3-3-15683
15159	T4A-3-15159	EA	2	6	- - - - - - - -	- - - -			T5B-3-15159
15159	T5B-3-15159	EA	2	6	+ - + - - + + -	+ - + +		3/03	
15159	T5-3-15159	EA	2	6	+ - + - - + - +	- + + +		3/03	
15160		EA	2	7	- - - - - - - -	- - - -			P1-25/.../2HI11
15160	T44A-4-15160	EA	2	7	- - - - - - - -	- - - -			P3-63/.../2HI11
15161		EA	2	7	- - - - - - - -	- - - -			P1-32/.../2HI11
15161	T46A-6-15161	EA	2	7	- - - - - - - -	- - - -			P3-100/.../2HI11
15162		EA	2	7	- - - - - - - -	- - - -			P1-32/.../2HI11
15162	T41A-5-15162	EA	2	7	- - - - - - - -	- - - -			P3-100/.../2HI11
15163		EA	2	6	- - - - - - - -	- - - -			T0-3-8342
15163		EA	2	6	- - - - - - - -	- - - -			T3-3-8342
15163	T46A-7-15163	EA	2	6	- - - - - - - -	- - - -			T5-3-8342
15164	T0-4-15164	EA	2	8	+ + - + + + + -	+ - + +	1/06-11	2/05	T0-4-15682
15164	T3-4-15164	EA	2	8	+ + - + - + + -	+ - + +	1/06-11	2/05	T3-4-15682
15164	T4A-4-15164	EA	2	8	- - - - - - - -	- - - -			T5B-4-15164
15164	T5B-4-15164	EA	2	8	+ - + - - + + -	+ - + +		3/03,04	
15164	T5-4-15164	EA	2	8	+ - + - - + - +	- + + +		3/03,04	
15165		EA	2	8	- - - - - - - -	- - - -			T0-4-15164
15165		EA	2	8	- - - - - - - -	- - - -			T3-4-15164
15165	T44A-5-15165	EA	2	8	- - - - - - - -	- - - -			T5B-4-15164
15166		EA	2	8	- - - - - - - -	- - - -			T0-4-15164
15166		EA	2	8	- - - - - - - -	- - - -			T3-4-15164
15166	T46A-9-15166	EA	2	8	- - - - - - - -	- - - -			T5-4-15164
15167		EA	2	8	- - - - - - - -	- - - -			T0-4-15164
15167		EA	2	8	- - - - - - - -	- - - -			T3-4-15164
15167	T41A-7-15167	EA	2	8	- - - - - - - -	- - - -			T5-4-15164
15168	T0-6-15168	EA	2	12	+ + - + + + - -	- -	1/06-27	2/05	
15168	T3-6-15168	EA	2	12	+ + - + - + - -	- - + +	1/06-27	2/05	
15168	T4A-6-15168	EA	2	12	- - - - - - - -	- - - -			T5B-6-15168
15168	T5B-6-15168	EA	2	12	+ - + - - + - -	- - + +		3/03	
15168	T5-6-15168	EA	2	12	+ - + - - + - -	- - + +		3/03	
15169	T0-2-15169	EA	2	4	+ + - + + + + -	+ - + +	1/05-05		T0-2-15679
15169	T3-2-15169	EA	2	4	+ + - + - + + -	+ - + +	1/05-05		T3-2-15679
15169	T4A-2-15169	EA	2	4	- - - - - - - -	- - - -			T5B-2-15169
15169	T5B-2-15169	EA	2	4	+ - + - - + + -	+ - + +		3/03	
15169	T5-2-15169	EA	2	4	+ - + - - + - +	- + + +		3/03	
15170	T0-2-15170	MU	4	4	+ + - + + + + -	- - - -	1/14-14	2/60	
15170	T3-2-15170	MU	4	4	+ + - + - + + -	- - - -	1/14-14	2/60	
15172	T0-5-15172	MU	3	10	+ + - + + + - -	- - - -	1/12-21	2/62	
15172	T3-5-15172	MU	3	10	+ + - + - + - -	- - - -	1/12-21	2/62	
15173	T0-6-15173	MU	4	11	+ + - + + + - -	- - - -	1/16-08	2/63	
15173	T3-6-15173	MU	4	11	+ + - + - + - -	- - - -	1/16-08	2/63	
15174	T0-2-15174	MU	4	4	+ + - + + + + -	- - - -			T0-2-15176
15174	T3-2-15174	MU	4	4	+ + - + - + + -	- - - -			T3-2-15176
15175	T0-2-15175	MU	4	4	+ + - + + + + -	- - - -			T0-2-15177
15175	T3-2-15175	MU	4	4	+ + - + - + + -	- - - -			T3-2-15177
15176	T0-2-15176	MU	4	4	+ + - + + + + -	- - - -	1/14-05	2/58	
15176	T3-2-15176	MU	4	4	+ + - + - + + -	- - - -	1/14-05	2/58	
15177	T0-2-15177	MU	4	4	+ + - + + + + -	- - - -	1/14-06	2/58	
15177	T3-2-15177	MU	4	4	+ + - + - + + -	- - - -	1/14-06	2/58	
15178	T0-5-15178	MU	4	10	+ + - + + + - -	- - - -	1/15-29	2/62	
15178	T3-5-15178	MU	4	10	+ + - + - + - -	- - - -	1/15-29	2/62	
15180	T0-1-15180	UG	3	2	+ + - + + + + -	- - - -	1/07-15	2/72	T0-1-15421
15180	T3-1-15180	UG	3	2	+ + - + - + + -	- - - -	1/07-15	2/72	T3-1-15421
15180	T4A-1-15180	UG	3	2	- - - - - - - -	- - - -			T5B-1-15180

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/SVB /CI9/SVB /EA/SVB /SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15180	T5B-1-15180	UG	3	2	+ - + - - + + -	- - - -		3/0764	
15180	T5-1-15180	UG	3	2	+ - + - - + - +	- - - -		3/0764	
15181	T41A-8-15181	EA	3	8	- - - - - - - -	- - - -	→		T5-4-88
15182	T41A-8-15182	EA	3	8	- - - - - - - -	- - - -	→		T5-4-8294
15183	T41A-8-15183	UG	3	8	- - - - - - - -	- - - -	→		T5-4-41
15185	T0-4-15185	UW	2	8	+ + - + + + + -	- - - -	1/06-13	2/10	
15185	T3-4-15185	UW	2	8	+ + - + - + + -	- - - -	1/06-13	2/10	
15190	T0-3-15190	W	3	6	+ + - + + + + -	- - - -	1/10-11	2/11	
15190	T3-3-15190	W	3	6	+ + - + - + + -	- - - -	1/10-11	2/11	
15190	T4A-4-15190	W	3	6	- - - - - - - -	- - - -	→		T5B-4-15190
15190	T5B-4-15190	W	3	6	+ - + - - + + -	- - - -		3/11	
15190	T5-4-15190	W	3	6	+ - + - - + - +	- - - -		3/11	
15191	T44A-4-15191	W	3	6	- - - - - - - -	- - - -	→		T5B-3-20
15203	T0-5-15203	PD	2	9	+ + - + + + - -	- - - -	1/06-19	2/19	
15203	T3-5-15203	PD	2	9	+ + - + - + - -	- - - -	1/06-19	2/19	
15203	T4A-5-15203	PD	2	9	- - - - - - - -	- - - -	→		T5B-5-15203
15203	T5B-5-15203	PD	2	9	+ - + - - + - -	- - - -		3/20	
15203	T5-5-15203	PD	2	9	+ - + - - + - -	- - - -		3/20	
15204	T0-4-15204	PD	3	8	+ + - + + + + -	- - - -	1/11-21	2/19	
15204	T3-4-15204	PD	3	8	+ + - + - + + -	- - - -	1/11-21	2/19	
15204	T4A-4-15204	PD	3	8	- - - - - - - -	- - - -	→		T5B-4-15204
15204	T5B-4-15204	PD	3	8	+ - + - - + + -	- - - -		3/20	
15204	T5-4-15204	PD	3	8	+ - + - - + - +	- - - -		3/20	
15208		PD	4	12	- - - - - - - -	- - - -	→		T0-6-104
15208	T4A-6-15208	PD	4	12	- - - - - - - -	- - - -	→		T5B-6-15208
15208	T5B-6-15208	PD	4	12	+ - + - - + - -	- - - -		3/20	
15208	T5-6-15208	PD	4	12	+ - + - - + - -	- - - -		3/20	
15215	T0-4-15215	SU	9	8	+ + - + + + + -	- - - -	1/22-18	2/54	
15215	T3-4-15215	SU	9	8	+ + - + - + + -	- - - -	1/22-18	2/54	
15215	T4A-8-15215	SU	9	8	- - - - - - - -	- - - -	→		T5B-8-15215
15215	T5B-8-15215	SU	9	8	+ - + - - + - -	- - - -		3/57	
15215	T5-8-15215	SU	9	8	+ - + - - + - -	- - - -		3/57	
15216	T0-5-15216	SU	10	9	+ + - + + + - -	- - - -	1/23-10	2/54	
15216	T3-5-15216	SU	10	9	+ + - + - + - -	- - - -	1/23-10	2/54	
15216	T4A-9-15216	SU	10	9	- - - - - - - -	- - - -	→		T5B-9-15216
15216	T5B-9-15216	SU	10	9	+ - + - - + - -	- - - -		3/57	
15216	T5-9-15216	SU	10	9	+ - + - - + - -	- - - -		3/57	
15217	T0-5-15217	SU	11	10	+ + - + + + - -	- - - -	1/23-19	2/54	
15217	T3-5-15217	SU	11	10	+ + - + - + - -	- - - -	1/23-19	2/54	
15217	T4A-10-15217	SU	11	10	- - - - - - - -	- - - -	→		T5B-10-15217
15217	T5B-10-15217	SU	11	10	+ - + - - + - -	- - - -		3/57	
15217	T5-10-15217	SU	11	10	+ - + - - + - -	- - - -		3/57	
15218	T0-6-15218	SU	12	11	+ + - + + + - -	- - - -	1/24-01	2/54	
15218	T3-6-15218	SU	12	11	+ + - + - + - -	- - - -	1/24-01	2/54	
15219	T0-5-15219	SU	9	9	+ + - + + + - -	- - - -	1/22-22	2/55	
15219	T3-5-15219	SU	9	9	+ + - + - + - -	- - - -	1/22-22	2/55	
15219	T4A-8-15219	SU	9	9	- - - - - - - -	- - - -	→		T5B-8-15219
15219	T5B-8-15219	SU	9	9	+ - + - - + - -	- - - -		3/58	
15219	T5-8-15219	SU	9	9	+ - + - - + - -	- - - -		3/58	
15220	T0-5-15220	SU	10	10	+ + - + + + - -	- - - -	1/23-14	2/55	
15220	T3-5-15220	SU	10	10	+ + - + - + - -	- - - -	1/23-14	2/55	
15220	T4A-9-15220	SU	10	10	- - - - - - - -	- - - -	→		T5B-9-15220
15220	T5B-9-15220	SU	10	10	+ - + - - + - -	- - - -		3/58	
15220	T5-9-15220	SU	10	10	+ - + - - + - -	- - - -		3/58	
15221	T0-6-15221	SU	11	11	+ + - + + + - -	- - - -	1/23-22	2/55	
15221	T3-6-15221	SU	11	11	+ + - + - + - -	- - - -	1/23-22	2/55	
15221	T4A-10-15221	SU	11	11	- - - - - - - -	- - - -	→		T5B-10-15221

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page	
15221	T5B-10-15221	SU	11	11	+ - + - - + - -	- - - -		3/58	
15221	T5-10-15221	SU	11	11	+ - + - - + - -	- - - -		3/58	
15222	T0-6-15222	SU	12	12	+ + - + + + - -	- - - -	1/24-05	2/55	
15222	T3-6-15222	SU	12	12	+ + - + + + - -	- - - -	1/24-05	2/55	
15223	T0-4-15223	SU	9	8	+ + - + + + + -	- - - -	1/22-19	2/49	
15223	T3-4-15223	SU	9	8	+ + - + + + + -	- - - -	1/22-19	2/49	
15224	T0-5-15224	SU	10	9	+ + - + + + - -	- - - -	1/23-11	2/49	
15224	T3-5-15224	SU	10	9	+ + - + + + - -	- - - -	1/23-11	2/49	
15225	T0-5-15225	SU	11	10	+ + - + + + - -	- - - -	1/23-18	2/49	
15225	T3-5-15225	SU	11	10	+ + - + + + - -	- - - -	1/23-18	2/49	
15226	T0-6-15226	SU	12	11	+ + - + + + - -	- - - -	1/23-26	2/49	
15226	T3-6-15226	SU	12	11	+ + - + + + - -	- - - -	1/23-26	2/49	
15227	T0-5-15227	SU	9	9	+ + - + + + - -	- - - -	1/22-23	2/52	
15227	T3-5-15227	SU	9	9	+ + - + + + - -	- - - -	1/22-23	2/52	
15228	T0-5-15228	SU	10	10	+ + - + + + - -	- - - -	1/23-15	2/52	
15228	T3-5-15228	SU	10	10	+ + - + + + - -	- - - -	1/23-15	2/52	
15229	T0-6-15229	SU	11	11	+ + - + + + - -	- - - -	1/23-23	2/52	
15229	T3-6-15229	SU	11	11	+ + - + + + - -	- - - -	1/23-23	2/52	
15230	T0-6-15230	SU	12	12	+ + - + + + - -	- - - -	1/24-04	2/52	
15230	T3-6-15230	SU	12	12	+ + - + + + - -	- - - -	1/24-04	2/52	
15236	T0-9-15236	PD	5	18	+ + - + + + - -	- - - -		2/79	
15236	T3-9-15236	PD	5	18	+ + - + + + - -	- - - -		2/79	
15238	T0-9-15238	PD	5	18	+ + - + + + - -	- - - -		2/79	T0-9-185
15238	T3-9-15238	PD	5	18	+ + - + + + - -	- - - -		2/79	T3-9-185
15240		EA	2	5	- - - - - - - -	- - - -			T0-3-15259
15240	T4A-3-15240	EA	2	5	- - - - - - - -	- - - -			T5B-3-15240
15240	T5B-3-15240	EA	2	5	+ - + - - + + -	+ - + +		3/03	
15240	T5-3-15240	EA	2	5	+ - + - - + + -	- + + +		3/03	
15246	T0-4-15246	SU	9	8	+ + - + + + + -	- - - -	1/22-17	2/38	T0-4-8246
15246	T3-4-15246	SU	9	8	+ + - + + + + -	- - - -	1/22-17	2/38	T3-4-8246
15246	T4A-5-15246	SU	9	8	- - - - - - - -	- - - -			T5B-5-15246
15246	T5B-5-15246	SU	9	8	+ - + - - + - -	- - - -		3/40	
15246	T5-5-15246	SU	9	8	+ - + - - + - -	- - - -		3/40	
15247	T0-5-15247	SU	10	9	+ + - + + + - -	- - - -	1/23-09	2/38	T0-5-8247
15247	T3-5-15247	SU	10	9	+ + - + + + - -	- - - -	1/23-09	2/38	T3-5-8247
15247	T4A-5-15247	SU	10	9	- - - - - - - -	- - - -			T5B-5-15247
15247	T5B-5-15247	SU	10	9	+ - + - - + - -	- - - -		3/40	
15247	T5-5-15247	SU	10	9	+ - + - - + - -	- - - -		3/40	
15248	T0-5-15248	SU	11	10	+ + - + + + - -	- - - -	1/23-17	2/38	T0-5-8248
15248	T3-5-15248	SU	11	10	+ + - + + + - -	- - - -	1/23-17	2/38	T3-5-8248
15248	T4A-6-15248	SU	11	10	- - - - - - - -	- - - -			T5B-6-15248
15248	T5B-6-15248	SU	11	10	+ - + - - + - -	- - - -		3/40	
15248	T5-6-15248	SU	11	10	+ - + - - + - -	- - - -		3/40	
15249	T0-6-15249	SU	12	11	+ + - + + + - -	- - - -	1/23-25	2/39	T0-6-8249
15249	T3-6-15249	SU	12	11	+ + - + + + - -	- - - -	1/23-25	2/39	T3-6-8249
15249	T4A-6-15249	SU	12	11	- - - - - - - -	- - - -			T5B-6-15249
15249	T5B-6-15249	SU	12	11	+ - + - - + - -	- - - -		3/41	
15249	T5-6-15249	SU	12	11	+ - + - - + - -	- - - -		3/41	
15250	T0-5-15250	SU	9	9	+ + - + + + - -	- - - -	1/22-21	2/40	T0-5-8236
15250	T3-5-15250	SU	9	9	+ + - + + + - -	- - - -	1/22-21	2/40	T3-5-8236
15250	T4A-5-15250	SU	9	9	- - - - - - - -	- - - -			T5B-5-15250
15250	T5B-5-15250	SU	9	9	+ - + - - + - -	- - - -		3/42	
15250	T5-5-15250	SU	9	9	+ - + - - + - -	- - - -		3/42	
15251	T0-5-15251	SU	10	10	+ + - + + + - -	- - - -	1/23-13	2/40	T0-5-8237
15251	T3-5-15251	SU	10	10	+ + - + + + - -	- - - -	1/23-13	2/40	T3-5-8237
15251	T4A-5-15251	SU	10	10	- - - - - - - -	- - - -			T5B-5-15251
15251	T5B-5-15251	SU	10	10	+ - + - - + - -	- - - -		3/42	

Standardschaltungen Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15251	T5-5-15251	SU	10	10	+ - + - - + - -	- - - -		3/42	
15252	T0-6-15252	SU	11	11	+ + - + + + - -	- - - -	1/23-21	2/41	T0-6-8238
15252	T3-6-15252	SU	11	11	+ + - + - + - -	- - - -	1/23-21	2/41	T3-6-8238
15252	T4A-6-15252	SU	11	11	- - - - - - - -	- - - -			T5B-6-15252
15252	T5B-6-15252	SU	11	11	+ - + - - + - -	- - - -		3/43	
15252	T5-6-15252	SU	11	11	+ - + - - + - -	- - - -		3/43	
15253	T0-6-15253	SU	12	12	+ + - + + + - -	- - - -	1/24-03	2/41	T0-6-8239
15253	T3-6-15253	SU	12	12	+ + - + - + - -	- - - -	1/24-03	2/41	T3-6-8239
15253	T4A-6-15253	SU	12	12	- - - - - - - -	- - - -			T5B-6-15253
15253	T5B-6-15253	SU	12	12	+ - + - - + - -	- - - -		3/43	
15253	T5-6-15253	SU	12	12	+ - + - - + - -	- - - -		3/43	
15256	T0-4-15256	EA	2	7	+ + - + + + + -	+ - + +		2/04	
15256	T3-4-15256	EA	2	7	+ + - + - + + -	+ - + +		2/04	
15257	T44A-3-15257	EA	2	5	- - - - - - - -	- - - -			T5B-2-15169
15258	T41A-4-15258	EA	2	4	- - - - - - - -	- - - -			T5-2-15169
15259	T0-3-15259	EA	2	5	+ + - + + + + -	+ - + +	1/05-23		T0-3-15683
15259	T3-3-15259	EA	2	5	+ + - + - + + -	+ - + +	1/05-23		T3-3-15683
15260	T4A-3-15260	EA	2	5	- - - - - - - -	- - - -			T5B-3-15260
15260	T5B-3-15260	EA	2	5	+ - + - - + + -	+ - + +		3/03	
15260	T5-3-15260	EA	2	5	+ - + - - + - +	- + + +		3/03	
15261	T44A-3-15261	EA	2	5	- - - - - - - -	- - - -			T5B-2-15260
15262	T41A-4-15262	EA	2	5	- - - - - - - -	- - - -			T5-3-15160
15263	T0-1-15263	EA	2	2	+ + - + + + + -	+ - + +		2/04	T0-1-102
15263	T3-1-15263	EA	2	2	+ + - + - + + -	+ - + +		2/04	T3-1-102
15264	T44A-1-15264	EA	2	1	- - - - - - - -	- - - -			T5B-1-8200
15265	T41A-2-15265	EA	2	1	- - - - - - - -	- - - -			T5-1-8200
15267	T0-2-15267	EA	2	4	+ + - + + + + -	+ - + +		2/04	T0-2-8293
15267	T3-2-15267	EA	2	4	+ + - + - + + -	+ - + +		2/04	T3-2-8293
15268	T41A-2-15268	EA	2	2	- - - - - - - -	- - - -			T5-1-102
15270	T0-5-15270	SU	3	9	+ + - + + + - -	- - - -	1/12-01	2/46	
15270	T3-5-15270	SU	3	9	+ + - + - + - -	- - - -	1/12-01	2/46	
15270	T4A-5-15270	SU	3	9	- - - - - - - -	- - - -			T5B-5-15270
15270	T5B-5-15270	SU	3	9	+ - + - - + - -	- - - -		3/50	
15270	T5-5-15270	SU	3	9	+ - + - - + - -	- - - -		3/50	
15280	T46A-5-15280	EA	2	4	- - - - - - - -	- - - -			T5-2-113
15281	T44A-3-15281	EA	2	6	- - - - - - - -	- - - -			T5B-2-8293
15282	T46A-5-15282	EA	2	6	- - - - - - - -	- - - -			T5-2-8293
15283	T41A-4-15283	EA	2	4	- - - - - - - -	- - - -			T5-2-8293
15284	T0-3-15284	EA	2	6	+ + - + + + + -	+ - + +	1/05-36		T0-3-15681
15284	T3-3-15284	EA	2	6	+ + - + - + + -	+ - + +	1/05-36		T3-3-15681
15284	T4A-3-15284	EA	2	6	- - - - - - - -	- - - -			T5B-3-15284
15284	T5B-3-15284	EA	2	6	+ - + - - + + -	+ - + +		3/03	
15284	T5-3-15284	EA	2	6	+ + + - + + + +	+ + + +		3/03	
15290	T0-8-15290	SU	9	16	+ + - + + + - -	- - - -	1/22-25	2/43	
15290	T3-8-15290	SU	9	16	+ + - + - + - -	- - - -	1/22-25	2/43	
15290	T4A-9-15290	SU	9	16	- - - - - - - -	- - - -			T5B-9-15290
15290	T5B-9-15290	SU	9	16	+ - + - - + - -	- - - -		3/45	
15290	T5-9-15290	SU	9	16	+ - + - - + - -	- - - -		3/45	
15291	T0-9-15291	SU	10	18	+ + - + + + - -	- - - -	1/25-01	2/81	
15291	T3-9-15291	SU	10	18	+ + - + - + - -	- - - -	1/25-01	2/81	
15291	T4A-10-15291	SU	10	18	- - - - - - - -	- - - -			T5B-10-15291
15291	T5B-10-15291	SU	10	18	+ - + - - + - -	- - - -		3/45	
15291	T5-10-15291	SU	10	18	+ - + - - + - -	- - - -		3/45	
15292	T0-10-15292	SU	11	20	+ + - + + + - -	- - - -	1/25-13	2/81	
15292	T3-10-15292	SU	11	20	+ + - + - + - -	- - - -	1/25-13	2/81	
15293	T0-11-15293	SU	12	22	+ + - + + + - -	- - - -	1/26-11	2/82	
15293	T3-11-15293	SU	12	22	+ + - + - + - -	- - - -	1/26-11	2/82	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15294	T0-9-15294	SU	9	18	+ + - + + - -	- - - -	1/24-22	2/82	T0-9-8256
15294	T3-9-15294	SU	9	18	+ + - + - + -	- - - -	1/24-22	2/82	T3-9-8256
15294	T4A-9-15294	SU	9	18	- - - - - - -	- - - -			T5B-9-15294
15294	T5B-9-15294	SU	9	18	+ - + - - + -	- - - -		3/47	
15294	T5-9-15294	SU	9	18	+ - + - - + -	- - - -		3/47	
15295	T0-10-15295	SU	10	20	+ + - + + - -	- - - -	1/25-11	2/83	T0-10-8257
15295	T3-10-15295	SU	10	20	+ + - + - + -	- - - -	1/25-11	2/83	T3-10-8257
15295	T4A-10-15295	SU	10	20	- - - - - - -	- - - -			T5B-10-15295
15295	T5B-10-15295	SU	10	20	+ - + - - + -	- - - -		3/48	
15295	T5-10-15295	SU	10	20	+ - + - - + -	- - - -		3/48	
15296	T0-11-15296	SU	11	22	+ + - + + + -	- - - -	1/26-09	2/83	T0-11-8258
15296	T3-11-15296	SU	11	22	+ + - + - + -	- - - -	1/26-09	2/83	T3-11-8258
15301	T0-1-15301	ST	2	1	+ + - + + + -	- - - -		2/66	T0-1-8204
15301	T3-1-15301	ST	2	1	+ + - + - + -	- - - -		2/66	T3-1-8204
15302	T0-1-15302	ST	2	2	+ + - + + + -	- - - -		2/66	T0-1-8205
15302	T3-1-15302	ST	2	2	+ + - + - + -	- - - -		2/66	T3-1-8205
15303	T0-2-15303	ST	2	3	+ + - + + + -	- - - -		2/66	T0-2-8206
15303	T3-2-15303	ST	2	3	+ + - + - + -	- - - -		2/66	T3-2-8206
15311	T0-1-15311	ST	2	1	+ + - + + + -	- - - -	1/04-11	2/66	T0-1-8204
15311	T3-1-15311	ST	2	1	+ + - + - + -	- - - -	1/04-11	2/66	T3-1-8204
15312	T0-1-15312	ST	2	2	+ + - + + + -	- - - -	1/04-32	2/66	T0-1-8205
15312	T3-1-15312	ST	2	2	+ + - + - + -	- - - -	1/04-32	2/66	T3-1-8205
15313	T0-2-15313	ST	2	3	+ + - + + + -	- - - -	1/04-44	2/66	T0-2-8206
15313	T3-2-15313	ST	2	3	+ + - + - + -	- - - -	1/04-44	2/66	T3-2-8206
15321	T0-1-15321	ST	2	1	+ + - + + + -	- - - -	1/04-07	2/66	
15321	T3-1-15321	ST	2	1	+ + - + - + -	- - - -	1/04-07	2/66	
15321	T4A-1-15321	ST	2	1	- - - - - - -	- - - -			T5B-1-15321
15321	T5B-1-15321	ST	2	1	+ - + - - + -	- - - -		3/61	
15321	T5-1-15321	ST	2	1	+ - + - - + -	- - - -		3/61	
15322	T0-1-15322	ST	2	2	+ + - + + + -	- - - -	1/04-27	2/66	
15322	T3-1-15322	ST	2	2	+ + - + - + -	- - - -	1/04-27	2/66	
15322	T4A-1-15322	ST	2	2	- - - - - - -	- - - -			T5B-1-15322
15322	T5B-1-15322	ST	2	2	+ - + - - + -	- - - -		3/61	
15322	T5-1-15322	ST	2	2	+ - + - - + -	- - - -		3/61	
15323	T0-2-15323	ST	2	3	+ + - + + + -	- - - -	1/04-40	2/66	
15323	T3-2-15323	ST	2	3	+ + - + - + -	- - - -	1/04-40	2/66	
15323	T4A-2-15323	ST	2	3	- - - - - - -	- - - -			T5B-2-15323
15323	T5B-2-15323	ST	2	3	+ - + - - + -	- - - -		3/61	
15323	T5-2-15323	ST	2	3	+ - + - - + -	- - - -		3/61	
15331	T0-1-15331	ST	2	1	+ + - + + + -	- - - -		2/67	T0-1-15351
15331	T3-1-15331	ST	2	1	+ + - + - + -	- - - -		2/67	T3-1-15351
15331	T4A-1-15331	ST	2	1	- - - - - - -	- - - -			T5B-1-15331
15331	T5B-1-15331	ST	2	1	+ - + - - + -	- - - -		3/62	
15331	T5-1-15331	ST	2	1	+ - + - - + -	- - - -		3/62	
15332	T0-1-15332	ST	2	2	+ + - + + + -	- - - -		2/67	T0-1-15352
15332	T3-1-15332	ST	2	2	+ + - + - + -	- - - -		2/67	T3-1-15352
15332	T4A-1-15332	ST	2	2	- - - - - - -	- - - -			T5B-1-15332
15332	T5B-1-15332	ST	2	2	+ - + - - + -	- - - -		3/62	
15332	T5-1-15332	ST	2	2	+ - + - - + -	- - - -		3/62	
15333	T0-2-15333	ST	2	3	+ + - + + + -	- - - -		2/67	T0-2-15353
15333	T3-2-15333	ST	2	3	+ + - + - + -	- - - -		2/67	T3-2-15353
15333	T4A-2-15333	ST	2	3	- - - - - - -	- - - -			T5B-2-15333
15333	T5B-2-15333	ST	2	3	+ - + - - + -	- - - -		3/62	
15333	T5-2-15333	ST	2	3	+ - + - - + -	- - - -		3/62	
15341	T0-1-15341	ST	2	1	+ + - + + + -	- - - -		2/67	T0-1-15351
15341	T3-1-15341	ST	2	1	+ + - + - + -	- - - -		2/67	T3-1-15351
15341	T4A-1-15341	ST	2	1	- - - - - - -	- - - -			T5B-1-15341

Standardschaltungen Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /C19	/I/SVB /C19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15341	T5B-1-15341	ST	2	1	+ - + - - + + -	- - - -		3/62	
15341	T5-1-15341	ST	2	1	+ - + - - + - +	- - - -		3/62	
15342	T0-1-15342	ST	2	2	+ + - + + + + -	- - - -		2/67	T0-1-15352
15342	T3-1-15342	ST	2	2	+ + - + - + + -	- - - -		2/67	T3-1-15352
15342	T4A-1-15342	ST	2	2	- - - - - - - -	- - - -			T5B-1-15342
15342	T5B-1-15342	ST	2	2	+ - + - - + + -	- - - -		3/62	
15342	T5-1-15342	ST	2	2	+ - + - - + - +	- - - -		3/62	
15343	T0-2-15343	ST	2	3	+ + - + + + + -	- - - -	1/04-45	2/67	T0-2-15353
15343	T3-2-15343	ST	2	3	+ + - + - + + -	- - - -	1/04-45	2/67	T3-2-15353
15343	T4A-2-15343	ST	2	3	- - - - - - - -	- - - -			T5B-2-15343
15343	T5B-2-15343	ST	2	3	+ - + - - + + -	- - - -		3/62	
15343	T5-2-15343	ST	2	3	+ - + - - + - +	- - - -		3/62	
15351	T0-1-15351	ST	2	1	+ + - + + + + -	- - - -	1/04-09	2/67	
15351	T3-1-15351	ST	2	1	+ + - + - + + -	- - - -	1/04-09	2/67	
15351	T4A-1-15351	ST	2	1	- - - - - - - -	- - - -			T5B-1-15351
15351	T5B-1-15351	ST	2	1	+ - + - - + + -	- - - -		3/62	
15351	T5-1-15351	ST	2	1	+ - + - - + - +	- - - -		3/62	
15352	T0-1-15352	ST	2	2	+ + - + + + + -	- - - -	1/04-28	2/67	
15352	T3-1-15352	ST	2	2	+ + - + - + + -	- - - -	1/04-28	2/67	
15352	T4A-1-15352	ST	2	2	- - - - - - - -	- - - -			T5B-1-15352
15352	T5B-1-15352	ST	2	2	+ - + - - + + -	- - - -		3/62	
15352	T5-1-15352	ST	2	2	+ - + - - + - +	- - - -		3/62	
15353	T0-2-15353	ST	2	3	+ + - + + + + -	- - - -	1/04-42	2/67	
15353	T3-2-15353	ST	2	3	+ + - + - + + -	- - - -	1/04-42	2/67	
15353	T4A-2-15353	ST	2	3	- - - - - - - -	- - - -			T5B-2-15353
15353	T5B-2-15353	ST	2	3	+ - + - - + + -	- - - -		3/62	
15353	T5-2-15353	ST	2	3	+ - + - - + - +	- - - -		3/62	
15361	T0-2-15361	ST	3	4	+ + - + + + + -	- - - -	1/09-09	2/68	T0-2-15367
15361	T3-2-15361	ST	3	4	+ + - + - + + -	- - - -	1/09-09	2/68	T3-2-15367
15362	T0-1-15362	ST	3	2	+ + - + + + + -	- - - -	1/07-40	2/68	T0-1-15366
15362	T3-1-15362	ST	3	2	+ + - + - + + -	- - - -	1/07-40	2/68	T3-1-15366
15363	T0-2-15363	ST	3	4	+ + - + + + + -	- - - -	1/09-10	2/68	
15363	T3-2-15363	ST	3	4	+ + - + - + + -	- - - -	1/09-10	2/68	
15364	T0-2-15364	ST	3	4	+ + - + + + + -	- - - -	1/09-06	2/69	T0-2-15512
15364	T3-2-15364	ST	3	4	+ + - + - + + -	- - - -	1/09-06	2/69	T3-2-15512
15365	T0-1-15365	ST	3	2	+ + - + + + + -	- - - -	1/07-41	2/68	T0-1-8158
15365	T3-1-15365	ST	3	2	+ + - + - + + -	- - - -	1/07-41	2/68	T3-1-8158
15366	T0-1-15366	ST	3	2	+ + - + + + + -	- - - -	1/07-30		T0-1-8
15366	T3-1-15366	ST	3	2	+ + - + - + + -	- - - -	1/07-30		T3-1-8
15367	T0-2-15367	ST	3	4	+ + - + + + + -	- - - -	1/08-24		
15367	T3-2-15367	ST	3	4	+ + - + - + + -	- - - -	1/08-24		
15371	T0-1-15371	ST	3	2	+ + - + + + + -	- - - -	1/07-31	2/68	T0-1-8214
15371	T3-1-15371	ST	3	2	+ + - + - + + -	- - - -	1/07-31	2/68	T3-1-8214
15372	T0-2-15372	ST	3	4	+ + - + + + + -	- - - -	1/08-35	2/68	T0-2-8215
15372	T3-2-15372	ST	3	4	+ + - + - + + -	- - - -	1/08-35	2/68	T3-2-8215
15373	T0-3-15373	ST	3	6	+ + - + + + + -	- - - -	1/10-04	2/68	T0-3-8216
15373	T3-3-15373	ST	3	6	+ + - + - + + -	- - - -	1/10-04	2/68	T3-3-8216
15373	T4A-3-15373	ST	3	6	- - - - - - - -	- - - -			T5B-3-15373
15373	T5B-3-15373	ST	3	6	+ - + - - + + -	- - - -		3/08,62	
15373	T5-3-15373	ST	3	6	+ - + - - + - +	- - - -		3/08,62	
15374	T0-4-15374	ST	3	8	+ + - + + + + -	- - - -	1/11-12	2/68	
15374	T3-4-15374	ST	3	8	+ + - + - + + -	- - - -	1/11-12	2/68	
15380	T0-4-15380	CD	10	8	+ + - + + + + -	- - - -	1/23-04		T0-4-15602
15380	T3-4-15380	CD	10	8	+ + - + - + + -	- - - -	1/23-04		T3-4-15602
15381	T0-4-15381	CD	10	8	+ + - + + + + -	- - - -	1/23-05		T0-4-15603
15381	T3-4-15381	CD	10	8	+ + - + - + + -	- - - -	1/23-05		T3-4-15603
15382	T0-4-15382	CD	10	8	+ + - + + + + -	- - - -	1/23-06		T0-4-15604

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS Z /I /CH9	/I/SVB /CH9/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15382	T3-4-15382	CD	10	8	+ + - + - + + -	- - - -	1/23-06		T3-4-15604
15384	T0-4-15384	CD	10	8	+ + - + + + + -	- - - -	1/23-07	2/76	T0-4-15606
15384	T3-4-15384	CD	10	8	+ + - + - + + -	- - - -	1/23-07	2/76	T3-4-15606
15391	T0-3-15391	ST	3	6	+ + - + + + + -	- - - -	1/09-26	2/70	
15391	T3-3-15391	ST	3	6	+ + - + - + + -	- - - -	1/09-26	2/70	
15392	T0-3-15392	ST	3	6	+ + - + + + + -	- - - -	1/09-28	2/70	
15392	T3-3-15392	ST	3	6	+ + - + - + + -	- - - -	1/09-28	2/70	
15393	T0-3-15393	ST	3	6	+ + - + + + + -	- - - -	1/09-29	2/70	
15393	T3-3-15393	ST	3	6	+ + - + - + + -	- - - -	1/09-29	2/70	
15394	T0-3-15394	ST	3	6	+ + - + + + + -	- - - -	1/09-30	2/70	
15394	T3-3-15394	ST	3	6	+ + - + - + + -	- - - -	1/09-30	2/70	
15401	T0-1-15401	SE	2	1	+ + - + + + + -	- - - -	1/04-03	2/71	T0-1-15071
15401	T3-1-15401	SE	2	1	+ + - + - + + -	- - - -	1/04-03	2/71	T3-1-15071
15401	T4A-1-15401	SE	2	1	- - - - - - - -	- - - -			T5B-1-15401
15401	T5B-1-15401	SE	2	1	+ - + - - + + -	- - - -		3/63	
15401	T5-1-15401	SE	2	1	+ - + - - + - +	- - - -		3/63	
15402	T0-1-15402	SE	2	2	+ + - + + + + -	- - - -	1/04-17	2/71	
15402	T3-1-15402	SE	2	2	+ + - + - + + -	- - - -	1/04-17	2/71	
15402	T4A-1-15402	SE	2	2	- - - - - - - -	- - - -			T5B-1-15402
15402	T5B-1-15402	SE	2	2	+ - + - - + + -	- - - -		3/63	
15402	T5-1-15402	SE	2	2	+ - + - - + - +	- - - -		3/63	
15403	T0-2-15403	SE	2	3	+ + - + + + + -	- - - -	1/04-36	2/71	
15403	T3-2-15403	SE	2	3	+ + - + - + + -	- - - -	1/04-36	2/71	
15403	T4A-2-15403	SE	2	3	- - - - - - - -	- - - -			T5B-2-15403
15403	T5B-2-15403	SE	2	3	+ - + - - + + -	- - - -		3/63	
15403	T5-2-15403	SE	2	3	+ - + - - + - +	- - - -		3/63	
15404	T0-2-15404	SE	2	4	+ + - + + + + -	- - - -	1/05-15	2/71	
15404	T3-2-15404	SE	2	4	+ + - + - + + -	- - - -	1/05-15	2/71	
15404	T4A-2-15404	SE	2	4	- - - - - - - -	- - - -			T5B-2-15404
15404	T5B-2-15404	SE	2	4	+ - + - - + + -	- - - -		3/63	
15404	T5-2-15404	SE	2	4	+ - + - - + - +	- - - -		3/63	
15411	T0-1-15411	SE	2	1	+ + - + + + + -	- - - -	1/04-06	2/71	
15411	T3-1-15411	SE	2	1	+ + - + - + + -	- - - -	1/04-06	2/71	
15411	T4A-1-15411	SE	2	1	- - - - - - - -	- - - -			T5B-1-15411
15411	T5B-1-15411	SE	2	1	+ - + - - + + -	- - - -		3/63	
15411	T5-1-15411	SE	2	1	+ - + - - + - +	- - - -		3/63	
15412	T0-1-15412	SE	2	2	+ + - + + + + -	- - - -	1/04-23	2/71	
15412	T3-1-15412	SE	2	2	+ + - + - + + -	- - - -	1/04-23	2/71	
15412	T4A-1-15412	SE	2	2	- - - - - - - -	- - - -			T5B-1-15412
15412	T5B-1-15412	SE	2	2	+ - + - - + + -	- - - -		3/63	
15412	T5-1-15412	SE	2	2	+ - + - - + - +	- - - -		3/63	
15413	T0-2-15413	SE	2	3	+ + - + + + + -	- - - -	1/04-43	2/71	
15413	T3-2-15413	SE	2	3	+ + - + - + + -	- - - -	1/04-43	2/71	
15413	T4A-2-15413	SE	2	3	- - - - - - - -	- - - -			T5B-2-15413
15413	T5B-2-15413	SE	2	3	+ - + - - + + -	- - - -		3/63	
15413	T5-2-15413	SE	2	3	+ - + - - + - +	- - - -		3/63	
15414	T0-2-15414	SE	2	4	+ + - + + + + -	- - - -	1/05-18	2/71	
15414	T3-2-15414	SE	2	4	+ + - + - + + -	- - - -	1/05-18	2/71	
15414	T4A-2-15414	SE	2	4	- - - - - - - -	- - - -			T5B-2-15414
15414	T5B-2-15414	SE	2	4	+ - + - - + + -	- - - -		3/63	
15414	T5-2-15414	SE	2	4	+ - + - - + - +	- - - -		3/63	
15421	T0-1-15421	UG	3	2	+ + - + + + + -	- - - -	1/07-12	2/72	T0-1-78
15421	T3-1-15421	UG	3	2	+ + - + - + + -	- - - -	1/07-12	2/72	T3-1-78
15421	T4A-1-15421	UG	3	2	- - - - - - - -	- - - -			T5B-1-15421
15421	T5B-1-15421	UG	3	2	+ - + - - + + -	- - - -		3/07,64	
15421	T5-1-15421	UG	3	2	+ - + - - + - +	- - - -		3/07,64	
15422	T0-2-15422	UG	3	4	+ + - + + + + -	- - - -	1/08-19	2/72	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15422	T3-2-15422	UG	3	4	+ + - + - + + -	- - - -	1/08-19	2/72	
15422	T4A-2-15422	UG	3	4	- - - - - - - -	- - - -			T5B-2-15422
15422	T5B-2-15422	UG	3	4	+ - + - - + + -	- - - -		3/07,64	
15422	T5-2-15422	UG	3	4	+ - + - - + + -	- - - -		3/07,64	
15423	T0-3-15423	UG	3	6	+ + - + + + + -	- - - -	1/09-24	2/72	
15423	T3-3-15423	UG	3	6	+ + - + - + + -	- - - -	1/09-24	2/72	
15423	T4A-3-15423	UG	3	6	- - - - - - - -	- - - -			T5B-3-15423
15423	T5B-3-15423	UG	3	6	+ - + - - + + -	- - - -		3/07,64	
15423	T5-3-15423	UG	3	6	+ - + - - + + -	- - - -		3/07,64	
15431	T0-1-15431	SE	3	2	+ + - + + + + -	- - - -	1/07-13	2/72	
15431	T3-1-15431	SE	3	2	+ + - + - + + -	- - - -	1/07-13	2/72	
15431	T4A-1-15431	SE	3	2	- - - - - - - -	- - - -			T5B-1-15431
15431	T5B-1-15431	SE	3	2	+ - + - - + + -	- - - -		3/64	
15431	T5-1-15431	SE	3	2	+ - + - - + + -	- - - -		3/64	
15432	T0-2-15432	SE	3	4	+ + - + + + + -	- - - -	1/08-22	2/72	
15432	T3-2-15432	SE	3	4	+ + - + - + + -	- - - -	1/08-22	2/72	
15432	T4A-2-15432	SE	3	4	- - - - - - - -	- - - -			T5B-2-15432
15432	T5B-2-15432	SE	3	4	+ - + - - + + -	- - - -		3/64	
15432	T5-2-15432	SE	3	4	+ - + - - + + -	- - - -		3/64	
15433	T0-3-15433	SE	3	6	+ + - + + + + -	- - - -	1/09-25	2/72	
15433	T3-3-15433	SE	3	6	+ + - + - + + -	- - - -	1/09-25	2/72	
15433	T4A-3-15433	SE	3	6	- - - - - - - -	- - - -			T5B-3-15433
15433	T5B-3-15433	SE	3	6	+ - + - - + + -	- - - -		3/64	
15433	T5-3-15433	SE	3	6	+ - + - - + + -	- - - -		3/64	
15434	T0-1-15434	ST	3	2	+ + - + + + + -	- - - -	1/07-24	2/72	
15434	T3-1-15434	ST	3	2	+ + - + - + + -	- - - -	1/07-24	2/72	
15435	T0-2-15435	ST	3	4	+ + - + + + + -	- - - -	1/08-34		
15435	T3-2-15435	ST	3	4	+ + - + - + + -	- - - -	1/08-34		
15441	T0-1-15441	SE	2	2	+ + - + + + + -	O - O O	1/04-20	2/07, 73	
15441	T3-1-15441	SE	2	2	+ + - + - + + -	O - O O	1/04-20	2/07, 73	
15441	T4A-1-15441	SE	2	2	- - - - - - - -	- - - -			T5B-1-15441
15441	T5B-1-15441	SE	2	2	+ - + - - + + -	O - O O		3/06,64	
15441	T5-1-15441	SE	2	2	+ - + - - + + -	O - O O		3/06,64	
15442	T0-2-15442	SE	2	4	+ + - + + + + -	O - O O	1/05-11	2/07, 73	T0-2-8221
15442	T3-2-15442	SE	2	4	+ + - + - + + -	O - O O	1/05-11	2/07, 73	T3-2-8221
15442	T4A-2-15442	SE	2	4	- - - - - - - -	- - - -			T5B-2-15442
15442	T5B-2-15442	SE	2	4	+ - + - - + + -	O - O O		3/06,64	
15442	T5-2-15442	SE	2	4	+ - + - - + + -	O - O O		3/06,64	
15443	T0-3-15443	SE	2	6	+ + - + + + + -	O - O O	1/05-33	2/07, 73	T0-3-8222
15443	T3-3-15443	SE	2	6	+ + - + - + + -	O - O O	1/05-33	2/07, 73	T3-3-8222
15443	T4A-3-15443	SE	2	6	- - - - - - - -	- - - -			T5B-3-15443
15443	T5B-3-15443	SE	2	6	+ - + - - + + -	O - O O		3/06,64	
15443	T5-3-15443	SE	2	6	+ - + - - + + -	O - O O		3/06,64	
15451	T0-1-15451	SE	2	2	+ + - + + + + -	- - - -	1/04-22	2/73	
15451	T3-1-15451	SE	2	2	+ + - + - + + -	- - - -	1/04-22	2/73	
15451	T4A-1-15451	SE	2	2	- - - - - - - -	- - - -			T5B-1-15451
15451	T5B-1-15451	SE	2	2	+ - + - - + + -	- - - -		3/64	
15451	T5-1-15451	SE	2	2	+ - + - - + + -	- - - -		3/64	
15452	T0-2-15452	SE	2	4	+ + - + + + + -	- - - -	1/05-13	2/73	
15452	T3-2-15452	SE	2	4	+ + - + - + + -	- - - -	1/05-13	2/73	
15452	T4A-2-15452	SE	2	4	- - - - - - - -	- - - -			T5B-2-15452
15452	T5B-2-15452	SE	2	4	+ - + - - + + -	- - - -		3/64	
15452	T5-2-15452	SE	2	4	+ - + - - + + -	- - - -		3/64	
15453	T0-3-15453	SE	2	6	+ + - + + + + -	- - - -	1/05-35	2/73	
15453	T3-3-15453	SE	2	6	+ + - + - + + -	- - - -	1/05-35	2/73	
15453	T4A-3-15453	SE	2	6	- - - - - - - -	- - - -			T5B-3-15453
15453	T5B-3-15453	SE	2	6	+ - + - - + + -	- - - -		3/64	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /N/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15453	T5-3-15453	SE	2	6	+ - + - - + - +	- - - -		3/64	
15461	T0-2-15461	ST	2	4	+ + - + + + -	- - - -		2/70	T0-2-15522
15461	T3-2-15461	ST	2	4	+ + - + - + -	- - - -		2/70	T3-2-15522
15461	T4A-2-15461	ST	2	4	- - - - - - -	- - - -			T5B-2-15461
15461	T5B-2-15461	ST	2	4	+ - + - - + +	- - - -		3/63	
15461	T5-2-15461	ST	2	4	+ - + - - + - +	- - - -		3/63	
15462	T0-1-15462	ST	2	2	+ + - + + + -	- - - -	1/04-24	2/70	
15462	T3-1-15462	ST	2	2	+ + - + - + -	- - - -	1/04-24	2/70	
15462	T4A-1-15462	ST	2	2	- - - - - - -	- - - -			T5B-1-15462
15462	T5B-1-15462	ST	2	2	+ - + - - + +	- - - -		3/63	
15462	T5-1-15462	ST	2	2	+ - + - - + - +	- - - -		3/63	
15463	T0-2-15463	ST	2	4	+ + - + + + -	- - - -	1/05-20	2/70	
15463	T3-2-15463	ST	2	4	+ + - + - + -	- - - -	1/05-20	2/70	
15463	T4A-2-15463	ST	2	4	- - - - - - -	- - - -			T5B-2-15463
15463	T5B-2-15463	ST	2	4	+ - + - - + +	- - - -		3/63	
15463	T5-2-15463	ST	2	4	+ - + - - + - +	- - - -		3/63	
15471	T0-1-15471	E	2	1	+ + - + + + -	- - - -	1/04-02	2/06	
15471	T3-1-15471	E	2	1	+ + - + - + -	- - - -	1/04-02	2/06	
15471	T4A-1-15471	E	2	1	- - - - - - -	- - - -			T5B-1-15471
15471	T5B-1-15471	E	2	1	+ - + - - + +	- - - -		3/05	
15471	T5-1-15471	E	2	1	+ - + - - + - +	- - - -		3/05	
15472	T0-1-15472	E	2	2	+ + - + + + -	- - - -	1/04-15	2/06	
15472	T3-1-15472	E	2	2	+ + - + - + -	- - - -	1/04-15	2/06	
15472	T4A-1-15472	E	2	2	- - - - - - -	- - - -			T5B-1-15472
15472	T5B-1-15472	E	2	2	+ - + - - + +	- - - -		3/05	
15472	T5-1-15472	E	2	2	+ - + - - + - +	- - - -		3/05	
15473	T0-2-15473	E	2	3	+ + - + + + -	- - - -	1/04-35	2/06	
15473	T3-2-15473	E	2	3	+ + - + - + -	- - - -	1/04-35	2/06	
15473	T4A-2-15473	E	2	3	- - - - - - -	- - - -			T5B-2-15473
15473	T5B-2-15473	E	2	3	+ - + - - + +	- - - -		3/05	
15473	T5-2-15473	E	2	3	+ - + - - + - +	- - - -		3/05	
15474	T0-2-15474	E	2	4	+ + - + + + -	- - - -	1/05-12	2/06	
15474	T3-2-15474	E	2	4	+ + - + - + -	- - - -	1/05-12	2/06	
15474	T4A-2-15474	E	2	4	- - - - - - -	- - - -			T5B-2-15474
15474	T5B-2-15474	E	2	4	+ - + - - + +	- - - -		3/05	
15474	T5-2-15474	E	2	4	+ - + - - + - +	- - - -		3/05	
15475	T0-3-15475	E	2	5	+ + - + + + -	- - - -	1/05-24	2/06	
15475	T3-3-15475	E	2	5	+ + - + - + -	- - - -	1/05-24	2/06	
15475	T4A-3-15475	E	2	5	- - - - - - -	- - - -			T5B-3-15475
15475	T5B-3-15475	E	2	5	+ - + - - + +	- - - -		3/05	
15475	T5-3-15475	E	2	5	+ - + - - + - +	- - - -		3/05	
15476	T0-3-15476	E	2	6	+ + - + + + -	- - - -	1/05-31	2/06	
15476	T3-3-15476	E	2	6	+ + - + - + -	- - - -	1/05-31	2/06	
15476	T4A-3-15476	E	2	6	- - - - - - -	- - - -			T5B-3-15476
15476	T5B-3-15476	E	2	6	+ - + - - + +	- - - -		3/05	
15476	T5-3-15476	E	2	6	+ - + - - + - +	- - - -		3/05	
15481	T0-1-15481	E	2	1	+ + - + + + -	- - - -	1/04-05	2/06	
15481	T3-1-15481	E	2	1	+ + - + - + -	- - - -	1/04-05	2/06	
15481	T4A-1-15481	E	2	1	- - - - - - -	- - - -			T5B-1-15481
15481	T5B-1-15481	E	2	1	+ - + - - + +	- - - -		3/05	
15481	T5-1-15481	E	2	1	+ - + - - + - +	- - - -		3/05	
15482	T0-1-15482	E	2	2	+ + - + + + -	- - - -	1/04-16	2/06	
15482	T3-1-15482	E	2	2	+ + - + - + -	- - - -	1/04-16	2/06	
15482	T4A-1-15482	E	2	2	- - - - - - -	- - - -			T5B-1-15482
15482	T5B-1-15482	E	2	2	+ - + - - + +	- - - -		3/05	
15482	T5-1-15482	E	2	2	+ - + - - + - +	- - - -		3/05	
15483	T0-2-15483	E	2	3	+ + - + + + -	- - - -	1/04-37	2/06	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Type Type Type	Art Form	FS- Pos.	Kon- takte Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19	/I/SVB /CI19/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15483	T3-2-15483	E	2	3	+ + - + - + + -	- - - -	1/04-37	2/06	
15483	T4A-2-15483	E	2	3	- - - - - - - -	- - - -			T5B-2-15483
15483	T5B-2-15483	E	2	3	+ - + - - - + -	- - - -		3/05	
15483	T5-2-15483	E	2	3	+ - + - - - + -	- - - -		3/05	
15484	T0-2-15484	E	2	4	+ + - + + + + -	- - - -	1/05-09	2/06	
15484	T3-2-15484	E	2	4	+ + - + - + + -	- - - -	1/05-09	2/06	
15484	T4A-2-15484	E	2	4	- - - - - - - -	- - - -			T5B-2-15484
15484	T5B-2-15484	E	2	4	+ - + - - - + -	- - - -		3/05	
15484	T5-2-15484	E	2	4	+ - + - - - + -	- - - -		3/05	
15491	T0-9-15491	PY	4	18	+ + - + + + - -	- - - -			
15491	T3-9-15491	PY	4	18	+ + - + - + - -	- - - -			
15500	T0-1-15500	SE	2	1	+ + - + + + - -	- - - -		2/71	T0-1-15401
15500	T3-1-15500	SE	2	1	+ + - + - + - -	- - - -		2/71	T3-1-15401
15501	T0-1-15501	SE	3	2	+ + - + + + - -	- - - -	1/07-21	2/72	T0-1-15421
15501	T3-1-15501	SE	3	2	+ + - + - + - -	- - - -	1/07-21	2/72	T3-1-15421
15502	T0-1-15502	SE	3	2	+ + - + + + - -	- - - -	1/07-20	2/74	T0-1-8240
15502	T3-1-15502	SE	3	2	+ + - + - + - -	- - - -	1/07-20	2/74	T3-1-8240
15503	T0-2-15503	SE	4	4	+ + - + + + - -	- - - -	1/14-07	2/74	
15503	T3-2-15503	SE	4	4	+ + - + - + - -	- - - -	1/14-07	2/74	
15511	T0-1-15511	ST	3	2	+ + - + + + - -	- - - -	1/07-25		
15511	T3-1-15511	ST	3	2	+ + - + - + - -	- - - -	1/07-25		
15511	T4A-1-15511	ST	3	2	- - - - - - - -	- - - -			T5B-1-15511
15511	T5B-1-15511	ST	3	2	+ - + - - - + -	- - - -			
15511	T5-1-15511	ST	3	2	+ - + - - - + -	- - - -			
15512	T0-2-15512	ST	3	4	+ + - + + + - -	- - - -	1/08-23		
15512	T3-2-15512	ST	3	4	+ + - + - + - -	- - - -	1/08-23		
15512	T4A-2-15512	ST	3	4	- - - - - - - -	- - - -			T5B-2-15512
15512	T5B-2-15512	ST	3	4	+ - + - - - + -	- - - -			
15512	T5-2-15512	ST	3	4	+ - + - - - + -	- - - -			
15513	T0-3-15513	ST	3	6	+ + - + + + - -	- - - -	1/09-27		
15513	T3-3-15513	ST	3	6	+ + - + - + - -	- - - -	1/09-27		
15513	T4A-3-15513	ST	3	6	- - - - - - - -	- - - -			T5B-3-15513
15513	T5B-3-15513	ST	3	6	+ - + - - - + -	- - - -			
15513	T5-3-15513	ST	3	6	+ - + - - - + -	- - - -			
15521	T0-1-15521	EA	2	2	+ + - + + + - -	+ - + +	1/04-33	2/04	
15521	T3-1-15521	EA	2	2	+ + - + - + - -	+ - + +	1/04-33	2/04	
15521	T4A-1-15521	EA	2	2	- - - - - - - -	- - - -			T5B-1-15521
15521	T5B-1-15521	EA	2	2	+ - + - - - + -	+ - + +			
15521	T5-1-15521	EA	2	2	+ - + - - - + -	+ - + +			
15522	T0-2-15522	EA	2	4	+ + - + + + - -	+ - + +	1/05-04	2/04	
15522	T3-2-15522	EA	2	4	+ + - + - + - -	+ - + +	1/05-04	2/04	
15522	T4A-2-15522	EA	2	4	- - - - - - - -	- - - -			T5B-2-15522
15522	T5B-2-15522	EA	2	4	+ - + - - - + -	+ - + +			
15522	T5-2-15522	EA	2	4	+ - + - - - + -	+ - + +			
15523	T0-3-15523	EA	2	6	+ + - + + + - -	+ - + +	1/05-30	2/04	
15523	T3-3-15523	EA	2	6	+ + - + - + - -	+ - + +	1/05-30	2/04	
15523	T4A-3-15523	EA	2	6	- - - - - - - -	- - - -			T5B-3-15523
15523	T5B-3-15523	EA	2	6	+ - + - - - + -	+ - + +			
15523	T5-3-15523	EA	2	6	+ - + - - - + -	+ - + +			
15541	T0-1-15541	UW	2	2	+ + - + + + - -	- - - -		2/07	
15541	T3-1-15541	UW	2	2	+ + - + - + - -	- - - -		2/07	
15542	T0-2-15542	UW	2	4	+ + - + + + - -	- - - -		2/07	
15542	T3-2-15542	UW	2	4	+ + - + - + - -	- - - -		2/07	
15543	T0-3-15543	UW	2	6	+ + - + + + - -	- - - -		2/07	
15543	T3-3-15543	UW	2	6	+ + - + - + - -	- - - -		2/07	
15551	T0-4-15551	BA	3	8	+ + - + + + - -	- - - -	1/24-07	2/89	
15551	T3-4-15551	BA	3	8	+ + - + + + - -	- - - -	1/24-07	2/89	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI9	/I/SVB /CI9/SVB /EA/SVB /I/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15552	T0-9-15552	BA	5	17	+ + - + + + - -	- - - -	1/24-09	2/89	
15552	T3-9-15552	BA	5	17	+ + - + + + - -	- - - -	1/24-09	2/89	
15553	T0-9-15553	BA	6	18	+ + - + + + - -	- - - -	1/24-10	2/90	
15553	T3-9-15553	BA	6	18	+ + - + + + - -	- - - -	1/24-10	2/90	
15554	T0-6-15554	BA	6	12	+ + - + + + - -	- - - -	1/24-08	2/90	
15554	T3-6-15554	BA	6	12	+ + - + + + - -	- - - -	1/24-08	2/90	
15579	T4A-4-15579	EA	2	8	- - - - - - - -	- - - -			
15579	T5B-4-15579	EA	2	8	+ - + - - + + -	+ - + +			T5B-4-15579
15579	T5-4-15579	EA	2	8	+ - + - - + + -	- + + +			
15580	T41A-6-15580	EA	2	12	- - - - - - - -	- - - -			T5-4-15579
15600	T0-3-15600	SP	3	5	+ + - + + + - -	- - - -	1/09-18	2/77	
15600	T3-3-15600	SP	3	5	+ + - + - + + -	- - - -	1/09-18	2/77	
15601	T0-4-15601	SP	8	8	+ + - + + + + -	- - - -	1/21-25		
15601	T3-4-15601	SP	8	8	+ + - + - + + -	- - - -	1/21-25		
15602	T0-4-15602	CD	10	8	+ + - + + + + -	- - - -	1/22-26	2/76	
15602	T3-4-15602	CD	10	8	+ + - + - + + -	- - - -	1/22-26	2/76	
15603	T0-4-15603	CD	10	8	+ + - + + + + -	- - - -	1/23-01	2/76	
15603	T3-4-15603	CD	10	8	+ + - + - + + -	- - - -	1/23-01	2/76	
15604	T0-4-15604	CD	10	8	+ + - + + + + -	- - - -	1/23-02	2/76	
15604	T3-4-15604	CD	10	8	+ + - + - + + -	- - - -	1/23-02	2/76	
15606	T0-4-15606	CD	10	8	+ + - + + + + -	- - - -	1/23-03		
15606	T3-4-15606	CD	10	8	+ + - + - + + -	- - - -	1/23-03		
15611	T0-8-15611	UG	7	15	+ + - + + + - -	- - - -			
15611	T3-8-15611	UG	7	15	+ + - + - + - -	- - - -			
15611	T4A-10-15611	UG	7	15	- - - - - - - -	- - - -			T5B-10-15611
15611	T5B-10-15611	UG	7	15	+ - + - - + - -	- - - -		3/60	
15611	T5-10-15611	UG	7	15	+ - + - - + - -	- - - -		3/60	
15642	T0-2-15642	SE	3	4	+ + - + + + - -	- - - -	1/09-05	2/72	
15642	T3-2-15642	SE	3	4	+ + - + - + + -	- - - -	1/09-05	2/72	
15643	T0-5-15643	W	6	10	+ + - + + + - -	- - - -	1/20-13	2/12	
15643	T3-5-15643	W	6	10	+ + - + - + - -	- - - -	1/20-13	2/12	
15643	T4A-5-15643	W	6	10	- - - - - - - -	- - - -			T5B-5-15643
15643	T5B-5-15643	W	6	10	+ - + - - + - -	- - - -		3/12	
15643	T5-5-15643	W	6	10	+ - + - - + - -	- - - -		3/12	
15679	T0-2-15679	EA	2	4	+ + - + + + - -	+ - + +	1/05-03	2/04	T0-2-15169
15679	T3-2-15679	EA	2	4	+ + - + - + + -	+ - + +	1/05-03	2/04	T3-2-15169
15680	T0-3-15680	EA	2	6	+ + - + + + - -	+ - + +	1/05-27	2/04	T0-3-130
15680	T3-3-15680	EA	2	6	+ + - + - + + -	+ - + +	1/05-27	2/04	T3-3-130
15681	T0-3-15681	EA	2	6	+ + - + + + - -	+ - + +	1/05-28	2/04	
15681	T3-3-15681	EA	2	6	+ + - + - + + -	+ - + +	1/05-28	2/04	
15682	T0-4-15682	EA	2	8	+ + - + + + - -	+ - + +	1/06-08	2/05	
15682	T3-4-15682	EA	2	8	+ + - + - + + -	+ - + +	1/06-08	2/05	
15683	T0-3-15683	EA	2	6	+ + - + + + - -	+ - + +	1/05-29	2/04	
15683	T3-3-15683	EA	2	6	+ + - + - + + -	+ - + +	1/05-29	2/04	
15690	T41A-6-15690	EA	2	6	- - - - - - - -	- - - -			T5-3-8342
15700	T0-4-15700	EA	2	8	+ + - + + + - -	+ - + +	1/06-10	2/05	
15700	T3-4-15700	EA	2	8	+ + - + - + + -	+ - + +	1/06-10	2/05	
15700	T4A-4-15700	EA	2	8	- - - - - - - -	- - - -			T5B-4-15700
15700	T5B-4-15700	EA	2	8	+ - + - - + + -	+ - + +		3/03,04	
15700	T5-4-15700	EA	2	8	+ - + - - + + -	- + + +		3/03,04	
15701	T0-7-15701	EA	2	14	+ + - + + + - -	- - - -		2/05	T5-4-15700
15701	T3-7-15701	EA	2	14	+ + - + - + - -	- - - -		2/05	T5-4-15700
15701	T44A-5-15701	EA	2	14	- - - - - - - -	- - - -			T5B-4-15700
15833	T0-4-15833	SP	4	7	+ + - + + + - -	- - - -	1/15-08	2/77	
15833	T3-4-15833	SP	4	7	+ + - + - + + -	- - - -	1/15-08	2/77	
15834	T0-2-15834	SE	4	4	+ + - + + + - -	- - - -	1/14-25	2/74	
15834	T3-2-15834	SE	4	4	+ + - + - + + -	- - - -	1/14-25	2/74	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- takten Contacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z / /CI19 /SVB /CI19/SVB /EA/SVB /V/SVB		Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15866	T0-6-15866	PD	5	12	+ + - + + + - -	- - - -	1/18-29		
15866	T3-6-15866	PD	5	12	+ + - + - + - -	- - - -	1/18-29		
15867	T0-7-15867	PD	5	14	+ + - + + + - -	- - - -	1/19-09		
15867	T3-7-15867	PD	5	14	+ + - + - + - -	- - - -	1/19-09		
15876	T0-5-15876	YD	5	10	+ + - + + + - -	- - - -		2/16	
15876	T3-5-15876	YD	5	10	+ + - + - + - -	- - - -		2/16	
15877	T0-6-15877	YD	5	12	+ + - + + + - -	- - - -	1/18-27	2/16	
15877	T3-6-15877	YD	5	12	+ + - + - + - -	- - - -	1/18-27	2/16	
15892	T0-5-15892	YD	4	10	+ + - + + + - -	- - - -	1/16-02	2/14	
15892	T3-5-15892	YD	4	10	+ + - + - + - -	- - - -	1/16-02	2/14	
15892	T4A-5-15892	YD	4	10	- - - - - - - -	- - - -			T5B-5-15892
15892	T5B-5-15892	YD	4	10	+ - + - - + - -	- - - -		3/14	
15892	T5-5-15892	YD	4	10	+ - + - - + - -	- - - -		3/14	
15893	T0-6-15893	YD	4	11	+ + - + + + - -	- - - -	1/16-03	2/14	
15893	T3-6-15893	YD	4	11	+ + - + - + - -	- - - -	1/16-03	2/14	
15893	T4A-6-15893	YD	4	11	- - - - - - - -	- - - -			T5B-6-15893
15893	T5B-6-15893	YD	4	11	+ - + - - + - -	- - - -		3/14	
15893	T5-6-15893	YD	4	11	+ - + - - + - -	- - - -		3/14	
15896	T0-5-15896	YD	5	10	+ + - + + + - -	- - - -	1/18-18	2/16	T0-5-15876
15896	T3-5-15896	YD	5	10	+ + - + - + - -	- - - -	1/18-18	2/16	T3-5-15876
15896	T4A-5-15896	YD	5	10	- - - - - - - -	- - - -			T5B-5-15896
15896	T5B-5-15896	YD	5	10	+ - + - - + - -	- - - -		3/17	
15896	T5-5-15896	YD	5	10	+ - + - - + - -	- - - -		3/17	
15897	T0-6-15897	YD	5	12	+ + - + + + - -	- - - -	1/19-01	2/16	T0-6-15877
15897	T3-6-15897	YD	5	12	+ + - + - + - -	- - - -	1/19-01	2/16	T3-6-15877
15897	T4A-7-15897	YD	5	12	- - - - - - - -	- - - -			T5B-7-15897
15897	T5B-7-15897	YD	5	12	+ - + - - + - -	- - - -		3/17	
15897	T5-7-15897	YD	5	12	+ - + - - + - -	- - - -		3/17	
15898	T0-6-15898	YD	5	11	+ + - + + + - -	- - - -	1/18-23	2/16	T0-6-15877
15898	T3-6-15898	YD	5	11	+ + - + - + - -	- - - -	1/18-23	2/16	T3-6-15877
15898	T4A-6-15898	YD	5	11	- - - - - - - -	- - - -			T5B-6-15898
15898	T5B-6-15898	YD	5	11	+ - + - - + - -	- - - -		3/17	
15898	T5-6-15898	YD	5	11	+ - + - - + - -	- - - -		3/17	
15899	T0-5-15899	YD	3	10	+ + - + + + - -	- - - -	1/12-19	2/14	
15899	T3-5-15899	YD	3	10	+ + - + - + - -	- - - -	1/12-19	2/14	
15899	T4A-5-15899	YD	3	10	- - - - - - - -	- - - -			T5B-5-15899
15899	T5B-5-15899	YD	3	10	+ - + - - + - -	- - - -		3/14	
15899	T5-5-15899	YD	3	10	+ - + - - + - -	- - - -		3/14	
15900	T0-5-15900	YD	3	9	+ + - + + + - -	- - - -	1/12-12	2/15	
15900	T3-5-15900	YD	3	9	+ + - + - + - -	- - - -	1/12-12	2/15	
15900	T4A-5-15900	YD	3	9	- - - - - - - -	- - - -			T5B-5-15900
15900	T5B-5-15900	YD	3	9	+ - + - - + - -	- - - -		3/16	
15900	T5-5-15900	YD	3	9	+ - + - - + - -	- - - -		3/16	
15901	T0-6-15901	YD	5	11	+ + - + + + - -	- - - -	1/18-26	2/16	
15901	T3-6-15901	YD	5	11	+ + - + - + - -	- - - -	1/18-26	2/16	
15901	T4A-6-15901	YD	5	11	- - - - - - - -	- - - -			T5B-6-15901
15901	T5B-6-15901	YD	5	11	+ - + - - + - -	- - - -		3/17	
15901	T5-6-15901	YD	5	11	+ - + - - + - -	- - - -		3/17	
15902	T0-5-15902	SE	4	9	+ + - + + + - -	- - - -	1/15-23	2/74	
15902	T3-5-15902	SE	4	9	+ + - + - + - -	- - - -	1/15-23	2/74	
15904	T0-1-15904	ST	3	2	+ + - + + + + -	- - - -	1/07-23	2/70	
15904	T3-1-15904	ST	3	2	+ + - + - + + -	- - - -	1/07-23	2/70	
15905	T0-2-15905	SE	4	3	+ + - + + + + -	- - - -	1/13-36	2/74	
15905	T3-2-15905	SE	4	3	+ + - + - + + -	- - - -	1/13-36	2/74	
15906	T0-2-15906	SE	4	3	+ + - + + + + -	- - - -	1/13-37		
15906	T3-2-15906	SE	4	3	+ + - + - + + -	- - - -	1/13-37		
15907	T0-2-15907	SE	4	4	+ + - + + + + -	- - - -	1/14-03	2/74	

Standardschaltungen

Standard contact sequences / Schémas standards

1	2	3	4	5	6	7	8	9	10
Schaltung Contact sequence Schéma	Typ Type Type	Art Form	FS- Pos.	Kon- tak- te Con- tacts	Bauformen Mounting form Type de montage	Hauptschalter Main switch Interrupteur général	Schaltbild Contact diagram Diagrammes		Alternativ-Typ Alternative-Type Type alternatif
Nr. No. No.					/E /EZ /X /XZ /VS /Z /I /CI19	/I/SVB /CI19/SVB /EA/SVB /V/SVB	Seite-Bild-Nr. Page-Pict.-No. Page-Pict.-No.	Seite Page Page	
15907	T3-2-15907	SE	4	4	+ + - + - + + -	- - - -	1/14-03	2/74	
15915	T0-4-15915	SP	5	7	+ + - + + + + -	- - - -	1/18-10	2/77	
15915	T3-4-15915	SP	5	7	+ + - + - + + -	- - - -	1/18-10	2/77	
15916	T0-3-15916	MU	6	6	+ + - + + + + -	- - - -	1/20-04	2/59	T0-3-15924
15916	T3-3-15916	MU	6	6	+ + - + - + + -	- - - -	1/20-04	2/59	T3-3-15924
15917	T0-3-15917	MU	4	5	+ + - + + + + -	- - - -	1/14-28		
15917	T3-3-15917	MU	4	5	+ + - + - + + -	- - - -	1/14-28		
15918	T0-2-15918	MU	3	4	+ + - + + + + -	- - - -	1/09-01	2/58	T0-2-15922
15918	T3-2-15918	MU	3	4	+ + - + - + + -	- - - -	1/09-01	2/58	T3-2-15922
15919	T0-2-15919	MU	3	4	+ + - + + + + -	- - - -	1/09-02	2/58	T0-2-15923
15919	T3-2-15919	MU	3	4	+ + - + - + + -	- - - -	1/09-02	2/58	T3-2-15923
15920	T0-2-15920	MU	4	4	+ + - + + + + -	- - - -	1/13-41	2/58	
15920	T3-2-15920	MU	4	4	+ + - + - + + -	- - - -	1/13-41	2/58	
15921	T0-2-15921	MU	4	4	+ + - + + + + -	- - - -	1/14-01	2/58	
15921	T3-2-15921	MU	4	4	+ + - + - + + -	- - - -	1/14-01	2/58	
15922	T0-2-15922	MU	3	4	+ + - + + + + -	- - - -	1/08-20	2/58	
15922	T3-2-15922	MU	3	4	+ + - + - + + -	- - - -	1/08-20	2/58	
15923	T0-2-15923	MU	3	4	+ + - + + + + -	- - - -	1/08-21	2/58	
15923	T3-2-15923	MU	3	4	+ + - + - + + -	- - - -	1/08-21	2/58	
15924	T0-3-15924	MU	6	6	+ + - + + + + -	- - - -	1/20-02	2/58	
15924	T3-3-15924	MU	6	6	+ + - + - + + -	- - - -	1/20-02	2/58	
15925	T0-5-15925	MU	4	9	+ + - + + + - -	- - - -	1/15-18	2/60	
15925	T3-5-15925	MU	4	9	+ + - + - + - -	- - - -	1/15-18	2/60	
15951	T0-4-15951	W	3	7	+ + - + + + + -	- - - -	1/10-25		
15951	T3-4-15951	W	3	7	+ + - + - + + -	- - - -	1/10-25		

Comparison of old and new type references / Numéros de schémas modifiés

Moeller K 115 4/55

Nockenschalter T mit Sonderschaltung

Typenbezeichnung

T												
Baugröße	Anzahl der Baueinheiten (BE)		Schaltungsnummer		Bauform		Zusatzausrüstung					
	(2 Kontakte je Baueinheit)		mit Nationalitätskennzeichen des Herstellungslandes.									
	BE	Kontakte	Bei Erstbestellung SOND-FO2 eintragen und ausgefülltes Blatt (wie unten) beifügen. Schaltungsnummer wird vom Lieferwerk festgelegt. Zur Nachbestellung ist die Typenbezeichnung ausreichend.				Bei jeder Bestellung stets vollständig angeben!					
	max.	max.					Für TM: ../EZ: nur /S-.. möglich					
T0	T0:	11			Einbau „/E“							
T3	T3:	11			Zentraleinbau „/EZ“ (für T0, T3)							
T5B	T5B:	10			Aufbau „/I, C119 bei T5“							
T5	T5:	10			(bis 4 Baueinheiten)							
TM	TM:	8			Verteilereinbau „/IVS“ (für T0)							
					Zwischenbau „/Z“							
					Einbau-Hauptschalter „/EA/SVB“							
					Aufbau-Hauptschalter „/I/SVB“							
					Zwischenbau-Hauptschalter „/V/SVB“							
					Bauformen für TM:							
					„/E“ oder „/EZ“							

Projektierungshinweise

Schaltung

Nebenstehendes Formblatt FO 2 erleichtert Ihnen die Festlegung der Schaltung. FO 2 ist geeignet zur Versendung per Telefax. Kopiervorlage → Seite 4/59

Schaltwinkel

30, 40, 60, 90°
Vorzugswerte: 60°
für EIN-AUS-Schalter: 90°
für Hauptschalter: 90° wie FS 908

Umschaltung mit Unterbrechung zwischen 2 Stellungen (EIN-AUS-EIN) nicht zulässig bei T0; T3 und TM = 30°, 45°; bei T5(T5B) = 30°

Selbsttätiger Rückzug

Die Schaltbewegung wird durch einen Anschlag begrenzt. Der Rückzug erfolgt in die letzte gerastete Stellung. Bei 2seitigem Rückzug dürfen dazwischen max. 3 Raststellungen liegen.
Der Rückzugwinkel ist ≈ ½ Schaltwinkel.

Wischkontakte

Die Wischzeit des Kontaktes hängt wesentlich von der Betätigungsgeschwindigkeit ab. Um ein Schütz mit einem Wischimpuls anzusteuern, darf der Schaltwinkel des Nockenschalters nicht kleiner als 60° sein, weil bei kleinerem Schaltwinkel die Impulszeit zu kurz sein kann.

Rundschtaltung

Nur bei 360°-Gesamtschaltwinkel möglich. Hierbei kann die Schaltbewegung beliebig in beiden Drehrichtungen erfolgen. Die Zahl der Schaltstellungen multipliziert mit dem Schaltwinkel muß 360° ergeben. TM mit 12 Stellungen je 30° ist nur mit Rundschtaltung, nicht mit Anschlag möglich.

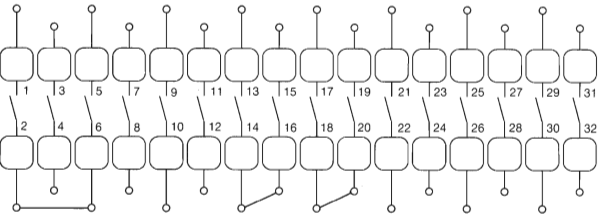
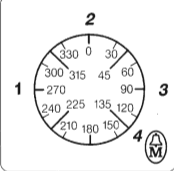
Anzahl der Baueinheiten

Anzahl der Kontakte auf ganze Zahl
2 = aufrunden

Die Schaltkammer = Baueinheit (BE) hat 1 oder 2 Kontakte, die von der Nockenscheibe betätigt werden.
Bei T5(T5B) ist das eine gemeinsame Nockenscheibe für beide Kontakte. Deshalb gilt für T5(T5B) folgendes:
Bei einem Gesamt-Schaltwinkel unter 180° sind die Kontakte unabhängig voneinander schaltbar. Ab 180°-Schaltwinkel können nur dann 2 Kontakte in der gleichen BE sein, wenn deren Schaltprogramm übereinstimmt, ab T5(T5B) = 360° ist (z.B. Stufen-

Es ist möglich, daß sich aus technischen Gründen die Reihenfolge der Kontakte ändert. Bei Sonderschaltern sind die Brücken vorzugsweise so anzuordnen, daß Klemmen miteinander gebrückt werden, die eine Differenz von 4 haben, z. B. die Klemmen 1-5-9; 2-6-10; 3-7-11- oder 4-8-12. Solche Brücken sind lösbar (gilt auch für Standardschalter), während Brücken 1-3, 2-4, 5-7, 6-8 nicht lösbar sind, weil sie sich innerhalb des Schalters befinden. Brücken zwischen einer geraden Zahl und einer ungeraden Zahl (z. B. 2-3) sind ab Werk nicht möglich. Solche Verbindungen sind vom Anwender bei der Installation herzustellen.

telebrief FACSIMILE TELEFAX	Telefax-Anschluß der Sendestelle Telefax connection of sender Coordonnées téléfax de l'expéditeur	Seitenzahl No. of / de pages	Dienstvermerke Reference Référence	No.	(Datum / Date)
An / To / A: (Empfänger / Addressee / Destinataire)		Gebühr Fee Taxe	Sendezeit, Name / Transm. time, name / Heure d'émission, nom		
Von / From / De: (Absender / Sender / Expéditeur)					

MOELLER 		Nockenschalter T Rotary switch Commutateur à cames	
Typ: Type: Référence:		Aussteller: Writer: Responsable:	
Stückzahl: Quantity: Quantité:		Kunden-Auftrags-Nr. Customer's Order No.: No. de la commande du client:	
DM/Stück: DM/piece: DM/piece:		Versandvorschrift: Shipping instruction: Instructions d'expédition:	
Schaltwinkel Switching angle Angle de balayage 90/45		Baueinheiten / Contact units / Galettes	
Frontschild Nr. Front Plate No. Plastron no.		1 2 3 4 5 6 7 8	
☐ STANDARD ☒ SOND			
		wahlweise	
Rundschtaltung ☐ Complete rotation Rotation totale		Schaltstellungsbezeichnung Switch position marking Designation des positions	
☒ autom. Rückzug Spring return Retour automatique		Grad Degree Degré	
1 270		1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31	
2 0		2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	
3 90			
4 135			
Es ist möglich, daß sich aus technischen Gründen die Reihenfolge der Kontakte ändert. The sequence of contacts may be changed for technical reasons. L'ordre des contacts peut changer pour raisons techniques.		Schlüssel abziehbar Key removable retirer la clé	
		Werks-Nr.: Factory No.: N° usine:	

Type reference

T-----/-----+					
Switch size	Number of contact units (BE) (Max. of 2 contacts per unit)		Contact sequence number	Mounting form	Accessories
		Max. units	Max. contacts		
T0	T0 :	11	22	“E”	cover mounting
T3	T3 :	11	22	“EZ”	single hole mounting (T0 and T3 only)
T5B	T5B	10	20	“Z”	base mounting
T5	T5	10	20	“I”	surface mounting up to four units
TM	TM	8	16	“I/SVB”	surface mounting main switch
				“EA/SVB”	cover mounting main switch
				“V/SVB”	interlocked base moun- ting main switch

Design notes

Contact sequences

The form FO 2 shown alongside makes it easy to determine the contact sequence. Form FO 2 can be sent by telefax. See Page 4/59 for copy.

Switching angles

30, 45, 60, 90°
Preferred angle: 60°
For On-Off switches: 90°
For main switches: 90°, as FS 908

No interruption of contact between two switching positions (On-Off-On) on T0; at switching angles of 30° and 45° on T3, at switching angle of 30° on T5(B)

Spring return

Switching movement is limited by a stop. The switch returns under spring pressure from the last position in each direction. Where a switch has spring return from both directions, a maximum of three positions can be traversed.

Wiping contact

Duration of contact depends primarily on the speed of actuation. If a contactor is to be actuated by means of wiping contact, the switching angle must not be less than 60°, or the switching pulse may be too short.

Fully rotational switch

Possible only with a total switching angle of 360°. Unrestricted rotation in either direction. The number of switch positions multiplied by the switching angle must equal 360.

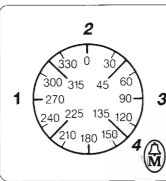
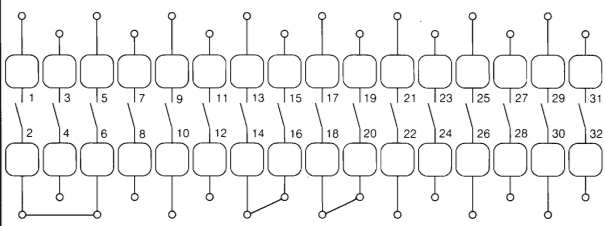
Number of contact units

Number of contacts / 2 = Round up to nearest whole number

Each contact chamber = contact unit (BE) has 1 or 2 contacts operated by the cam. On T5(B) switches one cam operates both contacts, consequently:
Where the total switching angle **less than 180°**, each contact can be operated independently. At switching angles of 180° or above, two contacts per chamber are possible only if their switching sequences are the same, but offset by 180° (e.g. T5B-4-8235 step switch)

The sequence of the contacts may be changed if technical reasons so dictate. For non-standard switches, it is preferable to arrange the links so that the terminals which have a difference of four are linked with one another, e. g. terminals 1-5-9; 2-6-10; 3-7-11- or 4-8-12. Such links can be removed (also applies for standard switches), whereas links 1-3, 2-4, 5-7, 6-8 can not be removed because they are situated within the switch. Links between an even number and an odd number (e. g. 2-3) must be supplied by the user.

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MOELLER 		Nockenschalter T Rotary switch Commutateur à cames																																																																																																																																																																																					
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Es ist möglich, daß sich aus technischen Gründen die Reihenfolge der Kontakte ändert.
Il est possible que, pour des raisons techniques, l'ordre des contacts peut changer pour raisons techniques.

FO2

Commutateurs à cames T à schémas spéciaux

Référence

T	-	-	-	/	-	+
Taille	Nombre de galettes de contact (2 contacts par galette)		Numéro de schéma		Modèle	Equipements complémentaires
		Galettes max.	Contacts max.	avec symbole de nationalité. A la première commande, indiquer SOND-FO2 et joindre le formulaire rempli (voir ci-dessous). Le numéro de schéma est attribué par l'usine. Pour toute commande ultérieure, il suffit d'indiquer la référence avec ce numéro de schéma.	- à encastrer « /E » - à encastrer avec fixation centrale « /EZ » (pour T0, T3) - en saillie « /I, CI19 » pour T5 (jusqu'à 4 galettes) - à encastrer en tableau modulaire « /IVS » (pour T0) - à encastrer avec fixation arrière « /Z » - interrupteur général à encastrer « /EA/SVB » - interrupteur général en saillie « I/SVB » - interrupteur général à encastrer avec fixation arrière « /V/SVB » - pour les mini-commutateurs TM : « /E » ou « /EZ »	A indiquer à chaque commande! Pour TM : .../EZ : uniquement /S-.. possible
T0	T0:	11	22			
T3	T3:	11	22			
T5B	T5B:	10	20			
T5	T5:	10	20			

Directives d'étude

Schéma

L'imprimé FO 2 ci-contre vous aidera à établir le schéma du commutateur. Il convient pour les commandes par télécopie.
Modèle pour photocopie → page 4/61

Angles de rotation

30, 45, 60, 90°
Valeur préférentielle : 60°
pour commutateurs Marche-Arrêt : 90°
pour interrupteurs généraux : 90° comme FS 908

Coupure entre 2 positions (Marche-Arrêt-Marche) non admise pour T0
Angle de rotation : T3 et TM = 30°, 45°;
T5 (T5B) = 30°

Retour automatique

Le mouvement de rotation est limité par une butée. Le retour automatique s'effectue au moment de la rencontre de la butée. En cas de retour des deux côtés, il ne doit y avoir que 3 positions intermédiaires. Angle de retour ≈ ½ angle de rotation

Contacts fugitifs

La durée du contact dépend essentiellement de la vitesse de manœuvre. Pour piloter un contacteur avec une impulsion fugitive, l'angle de rotation du commutateur ne doit pas être inférieur à 60°, sinon la durée d'impulsion risque d'être trop courte.

Rotation totale dans les deux sens

Possible uniquement pour un angle total de 360°. La rotation peut s'effectuer dans les 2 sens. La multiplication du nombre de positions par l'angle de rotation doit être égale à 360°. TM avec 12 positions de 30° chacune, possible uniquement avec rotation complète, sans butée

Nombre de galettes de contact

Nombre de contacts / 2 = arrondir au nombre entier supérieur

Les galettes sont équipées d'1 ou 2 contacts actionnés par cames.
Sur le T5 (T5B), les 2 contacts sont actionnés par une came commune. Il en résulte que si l'angle de rotation total est inférieur à 180°, les contacts peuvent être commutés indépendamment l'un de l'autre. A partir d'un angle de rotation de 180°, une même galette peut comporter 2 contacts décalés de 180° à condition que les fonctions de ces deux contacts soient identiques (par ex. commutateur à gradins T5B-4-8235).

L'ordre des contacts peut être modifié pour des raisons techniques.
Sur les commutateurs spéciaux, disposer les ponts de manière à relier les bornes ayant une différence de 4 dans leur numérotation, par ex. 1-5-9-, 2-6-10-, 3-7-11- ou 4-8-12. Ces ponts sont amovibles (cela s'applique également aux commutateurs standards), contrairement aux ponts 1-3, 2-4, 5-7, 6-8 qui se trouvent à l'intérieur du commutateur. Les ponts entre un nombre pair et impair (par ex. 2-3) ne sont pas réalisables en usine. Ces liaisons doivent être établies par l'utilisateur lors de l'installation.

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MOELLER		Nockenschalter T Rotary switch Commutateur à cames	
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Schaltwinkel Switching angle Angle de rotation 90/45		Baueinheiten / Contact units / Galettes	
Frontschild Nr. Front Plate No. Plastron no.		1 2 3 4 5 6 7 8	
☐ STANDARD ☒ SOND			
Rundschtaltung ☐ Complete rotation Rotation totale		au choix	
☒ autom. Rückzug Spring return Retour automatique			
Schaltstellungsbezeichnung Switch position marking Designation des positions			
Grad Degree Degré		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	
1 270			
2 0			
3 90			
4 135			
Schlüssel abziehbar Key removable Retrait de la clé		Werks-Nr.: Factory No.: N° usine:	

Es ist möglich, daß sich aus technischen Gründen die Reihenfolge der Kontakte ändert.
The sequence of contacts may be changed for technical reasons.
L'ordre des contacts peut changer pour raisons techniques.

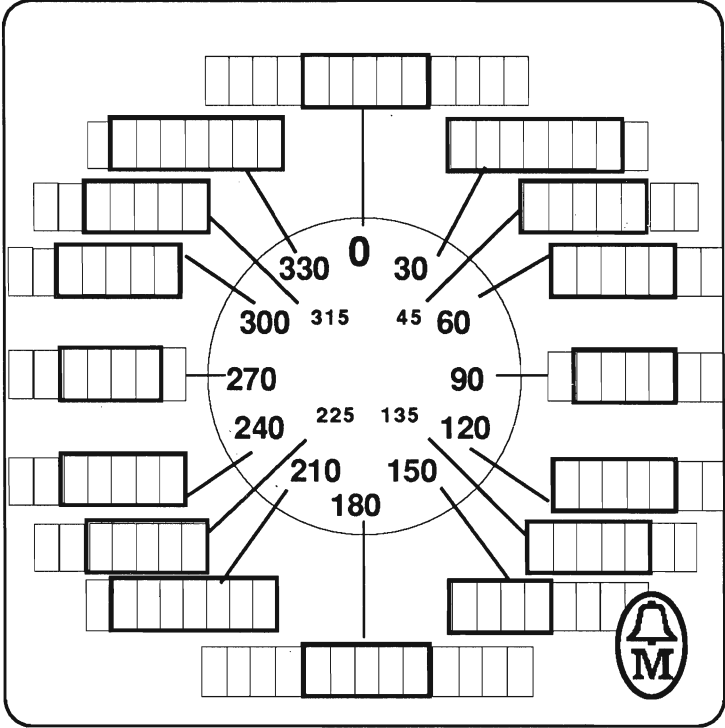
FO2

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MOELLER 		Frontschild Front plate Plastron	Sonderbeschriftung Non-standard inscription Inscription spéciale																																			
Typ: Type: Référence:		Aussteller: Writer: Responsable:	Datum: Date:																																			
Stückzahl: Quantity: Quantité:	Nr.	Kunden-Auftrags-Nr.: Customer's Order No.: N° de commande client:																																				
DM/Stück: DM/piece: DM/pièce:		Versandvorschrift: Shipping instruction: Consignes d'expédition:																																				
Frontschild mit Sonderbeschriftung silberfarbig mit schwarzer Schrift																																						
Text eintragen außerhalb der Umrandungen die max. mögliche Zeichenzahl beachten!																																						
Typ ☐ FS-SOND-T0 (T3, P1) Schriftgröße bis zu 2 Zeichen 4 mm mehr als 2 Zeichen 3 mm ☐ FS-SOND-P3 (T5, T5B) Schriftgröße bis zu 2 Zeichen 8 mm mehr als 2 Zeichen 5 mm ☐ FS-SOND-TM-E ☐ FS-SOND-TM-EZ Schriftgröße bis zu 2 Zeichen ca. 3,5 mm mehr als 2 Zeichen 2,5 mm																																						
Max. mögliche Zeichenzahl <table><thead><tr><th>Position Grad</th><th>T0/P1</th><th>T5/P3</th><th>TM-E</th><th>TM-EZ</th></tr></thead><tbody><tr><td>0, 180</td><td>13</td><td>13</td><td>5</td><td>5</td></tr><tr><td>30, 210, 330</td><td>8</td><td>8</td><td>8</td><td>7</td></tr><tr><td>45, 135, 225, 315</td><td>6</td><td>7</td><td>6</td><td>5</td></tr><tr><td>60, 120, 240, 300</td><td>5</td><td>7</td><td>5</td><td>5</td></tr><tr><td>90, 270</td><td>4</td><td>7</td><td>5</td><td>4</td></tr><tr><td>150</td><td>8</td><td>8</td><td>4</td><td>4</td></tr></tbody></table>		Position Grad	T0/P1	T5/P3	TM-E	TM-EZ	0, 180	13	13	5	5	30, 210, 330	8	8	8	7	45, 135, 225, 315	6	7	6	5	60, 120, 240, 300	5	7	5	5	90, 270	4	7	5	4	150	8	8	4	4	 Für P1 und P3 nur Position 270 und 0° ausfüllen	
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