

Programmable time switches

Multiple function - daily/weekly



AlphaRex Series

According to VDE 631-1 and 631-2-7, IEC 60 730-1 and 60 730-2-7, EN 60 730-1 and 60 730-2-7

Ideal for school bells

Fast programming with selection of pre-set groups of days and individual selection of days

Easy programming with PC using Legrand software and data key

Program consists of ON and OFF time with assignment to certain days

Backup possible on data key

With additional functions:

- holiday program
- random function
- pulse function (only 1 channel) with pulse duration of 1sec up to 59 min, 59 sec. and 84 start times
- hour counter for max. 65 535 hours.

Background lighting for display and buttons

Running reserve of 6 years for date and time

Programs are stored in a EEPROM

Programs are shown as a weekly matrix on the display

Automatic summer-/wintertime change (daylight saving)

Precision +/- 0,2 sec/day

Manual switching

Lead sealable cover, even with inserted data key



Dimensions (p. 100)

Pack	Cat. No.	AlphaRex D21
1	047 61	Weekly time switch, 1 channels 230 V, 50/60 Hz 1 changeover (SPDT) 250 V/50 Hz, 16 A~ cosφ=1 56 programs min. switching time: 1 min. switching stem: 1 min.
1	047 71	AlphaRex D22 Weekly time switch, 2 channels 230 V, 50/60 Hz 2 changeover (SPDT) 250 V/50 Hz, 16 A~ cosφ=1 56 programs (28 per channel) min. switching time: 1 min. switching stem: 1 min.
1	047 72	Data key Transfer data into time switch PC programmable Can also be used as a backup
1	047 73	USB-adapter To read and write data keys on a PC Software and key 04772 included Connection via USB-port System requirements: Windows®2000, Windows®ME, Windows®XP and Windows®98 second Edition, 0 MB free disc space Serial adapter on demand

Programmable time switches

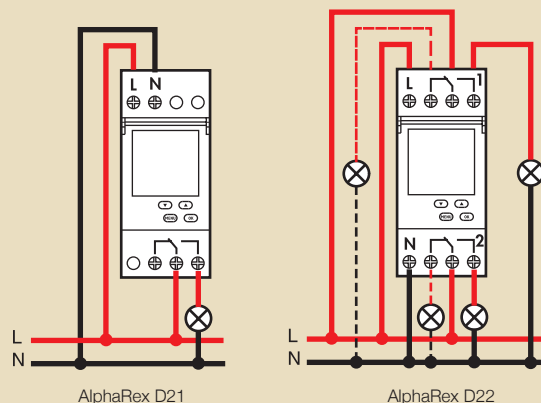
DIN rail mounting

Technical data

Type	Alpha Rex D21	Alpha Rex D22
No. of modules (17.5 mm)		2
No. of channels	1	2
running reserve		6 years
switching step		1 min
min. switching time		1 min
accuracy		0,2 sec/day
switching capacity		
■ resistive 230 V~cos φ = 1		16 A~
■ incandescent lamps 230 V		8 A~
■ inductive 230 V~cos φ = 0,6		10 A~
contact	1 SPDT	2 SPDT
programs1)	56	
pulse start times	84	
	min. 1 sec	
	max. 59 min,	
pulse duration	59 sec	
operating temperature	- 20° C	+55° C
protection		IP20

(1) A program consists of an ON and an OFF time and the assigned days.

Wiring Diagram



Easy Programming

The data key makes work even more convenient. You can set up the program easily on your PC and then save it on your data key. With the Legrand software and the adapter it is a piece of cake.

Created programs can easily be saved, edited, managed and used.



Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

Digital weekly time switch

DIN rail mounting



6047 74

According to EN 60730-1 and EN 60730-2-7

Digital weekly DIN rail mounting time switch
1 program consists of 1 ON and 1 OFF time and the allocation of any day of the week or a combination of days and the selected channel (2 channel version).

Additional features:

- manual override (ON/OFF): permanent ON or OFF
- automatic override (ON/OFF): actual program will be inversed (ON->OFF, OFF->ON) till next programmed ON time
- automatic changing of summer/winter time
- running reserve of 6 years

Pack	Cat. No.	MicroRex D21 Plus
		1 channel
1	6047 74	230V 50/60Hz
1	6047 75	24V AC/DC
		MicroRex D22 Plus
		2 channel
1	6047 77	230V 50/60Hz
1	6047 78	24V AC/DC

Digital time switch

DIN rail mounting

Technical characteristics

Type	D21		D22 plus
Channels	1		2
Running reserve		6 years	
Min. switching time		1 min	
Accuracy		+/-1 s/d	
Switching capacity			
Res. cos = 1		16A	
Incad. lamps		5A	
Ind. cos = 0,6		8A	
Contact		changeover (SPDT) 16A	
Max. programs	28		14 channel
Operation temp.		-20° C - +55° C	
Storage temp.		-20° C - +60° C	
Protection		IP20	

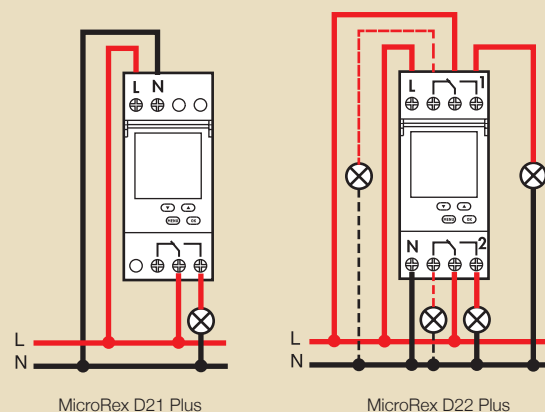
example:

1. prog.: ON 07:00h
2. prog.: ON 16:00h
3. prog.: ON 10:00h

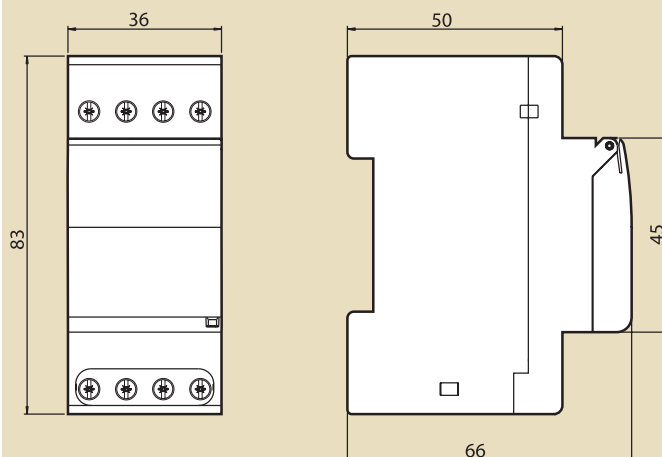
- OFF 08:15h Mon-Fri
OFF 20:15h Mon-Sun
OFF 15:15h Fri

- CH1
CH2
CH1+2

Wiring Diagram



Dimensions



Programmable time switches

Standard - daily/weekly



037 05

D11 time switch - EcoRex D11

Conform to EN 60730-1 and EN 60730-2-7

Supply voltage: 120-230 V +10% -15% 50/60 Hz

Working reserve: 6 years clock

Accuracy: ± 1 second per day

LCD digital display

Mount on DIN rail EN 50022

Programmable for 1 minute minimum

Programming possibilities:

Capability of 28 programs

1 program consists of 1 "on" and 1 "off" time and the allocation of any day

of the week or a combination of days

Combination of days: Mon - Fri (1-5), Mon - Sun (1-7)

Any days of the week free programmable example:

1. Prog. on 7:00 off 8:15 Mon - Fri

2. Prog. on 16:00 off 20:15 Mon - Sun

3. Prog. on 10:00 off 16:15 Fri (5)

Manual advance/override (ON/OFF)

Automatic summer/winter setting



Dimensions (p. 100)

Pack **Cat. No.** **D11 - 1 module - Single channel**

1

037 05

1 channel 16 A - 250 V cos ϕ = 1



Digital time switches

For rail

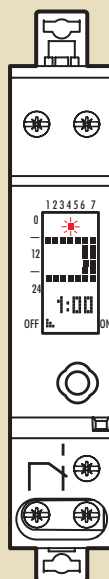
Technical Data

Cat. No.		
037 05	Supply voltage	120/230V + 10% /- 15%
	Frequency	50/60 Hz
	Switching capacity:	
	cos ϕ = 1	16A
	cos ϕ = 0.6	13A
	Contact	1 changeover switch
	Min. prog. time	1 minute
	Accuracy	~ 1 second / day at 25° C
	Working reserve	6 years
	IP rating	IP 20
	Operating temp.	-10° C + 55° C

Dimensions

Single channel

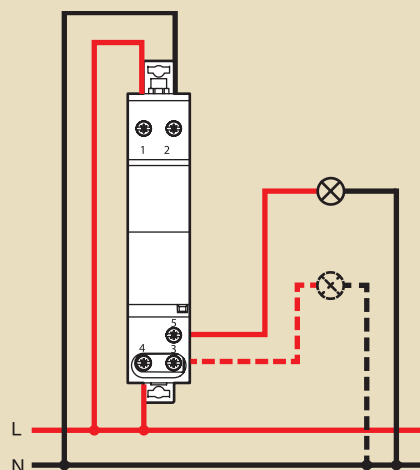
D11



Wiring diagram

Single channel

D11



Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

Programmable time switches

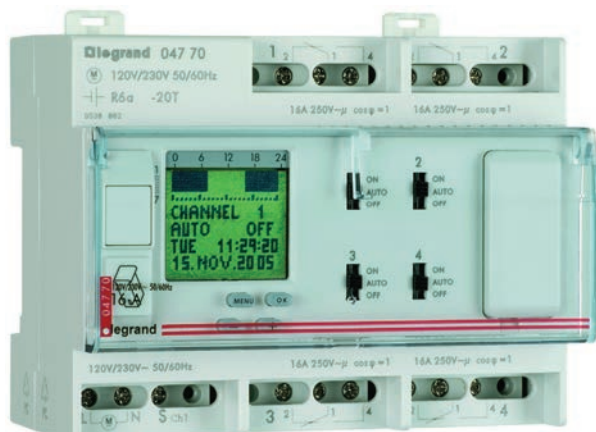
Rex - digital annual AlphaRex DY64

PRE-PROGRAMMABLE TIME SWITCHES



Easy to program

Store and transfer data easily using a PC
and datakey



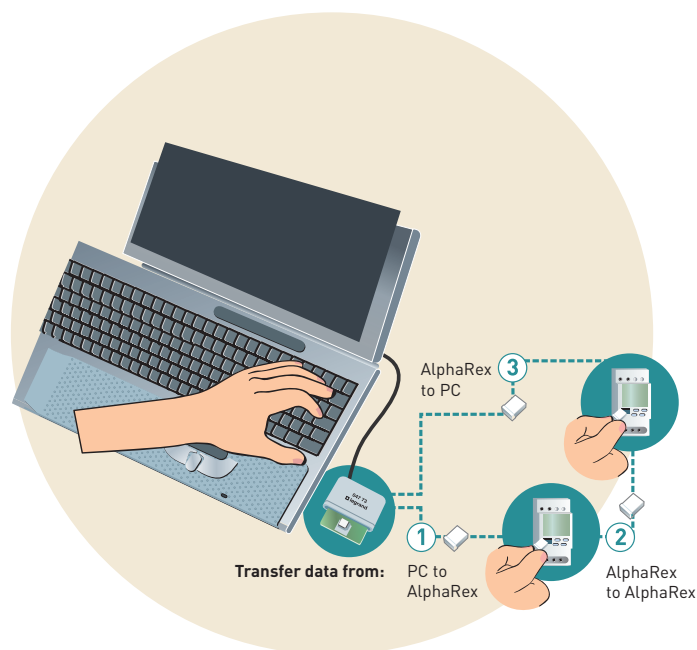
047 70

According to VDE 631-1 and 631-2-7, IEC 60 730-1 and 60 730-2-7, EN 60 730-1 and 60 730-2-7

- with text based programming concept
- Selectable languages: English, German, French, Italian, Spanish and Dutch
- fast programming due to selection of pre-set groups of days Mo-Su, and individual selection of days
- easy programming with PC using Legrand software and data key
- a program consists of an ON and OFF time and their assignment to certain days
- Backup on data key possible
- 84 programs per channel possible:
 - 28 weekly/astronomical programs
 - 28 yearly programs
 - 28 exceptional programs
- shortest possible program: 1sec
- background lighting for display and buttons
- running reserve of 5 years for date and time
- programs are stored in a EEPROM
- programs are shown as a weekly matrix on the display
- automatic summer-/wintertime change (daylight saving)
- Precision +/- 0,2 sec/day or according to frequency
- manual override switches (ON/OFF/AUTO) for every channel on the frontside
- manual switching
- lead sealable cover, even with inserted data key
- Calculation of sunrise and sunset by programming date, time and local coordinates.
- No light sensor needed!
- The switching ON and OFF times (astro function) can be adjusted asymetrically for +/- 120 minutes.
- The control input enables the activation of the time switch irrespective to the program. (only for channel 1)
- Possible to create a cyclical repetitive program. (only for channel 1)



Dimensions (p. 100)



► Data Key:

- transfer data
- portable storage device
- can also be safely stored in the AlphaRex
- secure back up

► Data key 047 81 can be used only with AlphaRex DY64

Pack	Cat. No.	AlphaRex DY64
1	047 70	Annual time switch, 4 channels 120/230V, 50/60Hz
1	047 81	Accessories Data key for DY64
1	047 82	CAUTION: 047 81 only used with 047 70 Replacement battery
1	6047 78	24V AC/DC

Some items sold separately

For pack quantity, please refer to numerical index pages
For trade price, please see your local HPM Legrand representative for the current price list

Rex-digital time switches

AlphaRex DY64

The AlphaRex DY64 offers 3 different types of programming:

Weekly Program

This menu item is provided for the simple input of programs which are to be repeated weekly (such as switching of lights and boilers). A weekly program consists of an ON time, an OFF time and the associated ON and OFF days.

■ **MON TO SUN:** the days of the week are already assigned and you only need to set the ON and OFF times. This is used where the same program is to be executed on every day of the week.

■ **INDIVIDUAL:** you can assign the ON and OFF times to any desired days. This is used where the same program is to be executed only on certain days of the week or different programs are to be executed on the various days.

Yearly Program

This menu item permits the input of (additional) annual programs which are to be executed only during a specified period. These programs and the weekly programs of the same channel are ORed together as described above. The period during which a program is to be executed is defined by entering a start date and an end date.

■ The option **EVERY YEAR** should be selected if the additional program is to be executed during the same period of each year (e.g. Christmas, national holidays, birthdays, etc.).

■ The option **ONCE** should be selected if the additional program is to be executed only during a single period (e.g. vacation period), but the start and end dates of this period are different in each year.

Exceptional Program

The weekly and annual programs defined for a channel are not executed as long as an extra program is active. However, other exception programs will be executed while an exception program is active. The various exception programs are ORed together as described above. (see OR function 3a)

■ The option **EVERY YEAR** should be selected if the exception program is to be activated for the same period in each year (e.g. Christmas, national holidays, birthdays, etc.).

■ The option **ONCE** should be selected if the exception program is to be activated only during a single period (e.g. vacation period), but the start and end dates of this period are different in each year.

■ **Option MON TO SUN:** the exception program is active from 00:00 hours on the start date to 24:00 hours on the end date. During this period, the output of the related channel switches only as defined in the exception program.

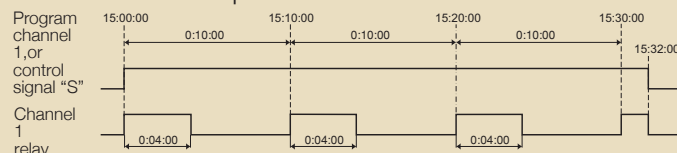
■ **Option INDIVIDUAL:** the exception program is active from 00:00 hours on the start date to 24:00 hours on the end date. During this period, the output of the related channel switches only as defined in the exception program.

■ **Option PROG ON:** the exception program is active from the ON time on the start date to OFF time on the end date. During this period, the output of the channel is permanently on.

■ **Option PROG OFF:** the exception program is active from the ON time on the start date to OFF time on the end date. During this period, the output of the channel is permanently off.

Cycle function for channel 1

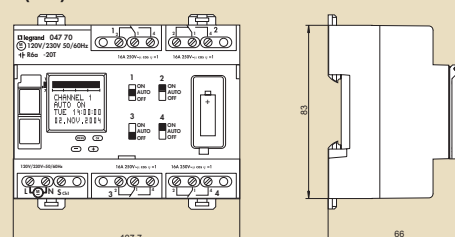
Instead of its **STANDARD** function, the output of channel 1 can be switched on and off cyclically. The available parameters are the **PERIOD** and the **SWITCH ON** time within this period.



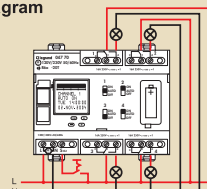
Technical data

Type	Alpha Rex
No. of pitch units of 17.5 mm	6
Number of channels	4
Power reserve	5 years
Switching increment	1 sec
Shortest switching time	1 sec
Accuracy	0,2 s/day/ or frequency
Switching capacity	
■ Ohmic 230 V~cos φ = 1	16 A~
■ Filament lamp 230 V	8 A~
■ Inductive 230 V~cos φ = 0,6	10 A~
Switch output	4 SPDT
Programs ¹⁾	3 x 4 x 28 (336)
Control input with delay-time	0 min – 23h 59min
Operating temperature	20 °C + 55 °C
Type of protection	IP20

Dimensions (mm)



Wiring diagram



Some items sold separately

For pack quantity, please refer to numerical index pages

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Programmable time switches

AlphaRex Astro



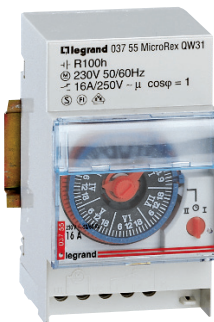
047 64



037 21



037 40



037 55



037 44

According to VDE 631-1 and 631-2-7, IEC 60 730-1 and 60 730-2-7, EN 60 730-1 and 60 730-2-7

- with text based programming concept
- fast programming due to selection of pre-set groups of days
Mon-Sun, Mon-Fri, Sat-Sun and individual selection of days
- easy programming with PC using Legrand software and data key
- a program consists of an ON and OFF time and their assignment to certain days
- Backup on data key possible
- with additional functions:
 - holiday program
 - hour counter for max. 65 535 hours.
- background lighting for display and buttons
- running reserve of 6 years for date and time
- programs are stored in a EEPROM
- programs are shown as a weekly matrix on the display
- automatic summer-/wintertime change (daylight saving)
- Precision +/- 0,2 sec/day

Manual switching

- lead sealable cover, even with inserted data key
- Calculation of sunrise and sunset by programming date, time and local coordinates.
- No light sensor needed!
- To save energy, a switching off at night is programmable.
- The switching On and OFF times can be adjusted asymetrically for +/- 120 minutes.
- The control input enables the activation of the time switch irrespective to the program. (NOT D22 Astro!)



Dimension (p. 100)

Pack Cat. No. AlphaRex D21 Astro

1	047 64	weekly time switch, 1 channel
1	047 66	230V, 50/60Hz
		24V, 50/60Hz

AlphaRex D22 Astro

1	047 67	weekly time switch, 2 channel
1	047 69	230V, 50/60Hz
		24V, 50/60Hz

Microlux D

1	037 21	Light sensitive weekly time switch
		230 V, 50/60Hz
		running reserve: 100H
		Supplied with photoelectric call in plexo weather proof box

Remark:

The AlphaRex Astro can be programmed using the datakey 04772 and the programming software (see page 90)

Programmable time switches

Electro-mechanical



Dimensions (p.96)

Technical characteristics (p. 96)

Programmed via captive segment
1-module device: min. 1 segment
3-module device: min. 2 segments
Power supply: 230 V~ - 50/60 Hz
3-position override switch "ON-AUTO-OFF" on front panel
Manual changeover to summer/winter time
1 outlet 16 A - 250 V~ - $\mu \cos \varphi = 1$

Pack	Cat. No.	Daily programme	Number of modules
1	037 30	1 segment = 15 minutes Accuracy: ± 5 minutes Vertical dial Minimum switching time: 15 mn N/O contact Without working reserve	1
1	037 40	With 100 h working reserve Horizontal dial Minimum switching time: 45 minutes Changeover switch Without working reserve	1
1	037 52	With 100 h working reserve	3
1	037 53	With 100 h working reserve	3

Pack	Cat. No.	Weekly programme	Number of modules
1	037 44	1 segment = 2 hours Accuracy: ± 30 minutes Vertical dial Minimum switching time: 2 h N/O contact With 100 h working reserve	1
1	037 55	Horizontal dial Minimum switching time: 4 h Changeover switch With 100 h working reserve	3

Totalising hour counter on door (p. 99)

REX ASTRONOMICAL TIME SWITCHES

Easy control

Easy Control of lights based on the of sunrise and sunset, with no need of installing a light sensor!



► Comfort and safety:

- The time switch calculates the daily times of sunset and sunrise. At sunset the AstroRex will switch the lights ON and at sunrise the AstroRex will turn the lights OFF.

► Energy saving:

- program an OFF and an ON time at night

► Typical applications:

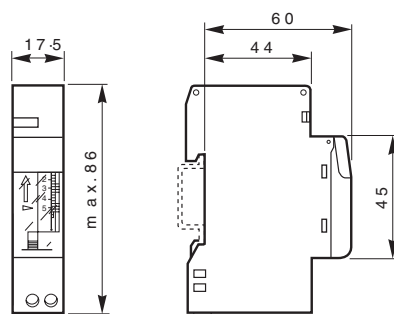
- shop window illumination
- billboard illumination
- private and public buildings

Electro-mechanical time switches

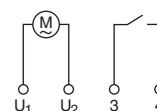
For DIN rail - Technical data

Type	MicroRex		
	T11	QT11	QW11
Cat. No.	037 30	037 40	037 44
Supply voltage	230 V~ +10% -15%		
Frequency	50 Hz	50/60 Hz	50/60 Hz
Switching capacity for $\cos \varphi = 1$	16 A		
Contact	On/off		
Working reserve	None	100 hours	100 hours
Min. switching time	15 minutes	15 minutes	2 hours
Interval	15 minutes	15 minutes	2 hours
Operating temp.	-10° C + 55° C		

Dimensions

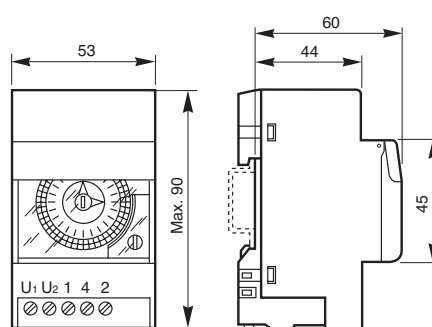


Wiring diagram

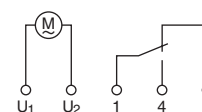


Type	MicroRex		
	T31	QT31	
QW31			
Cat. No.	037 52	037 53	037 55
Supply voltage	230 V +10% –15%		
Frequency	50 Hz	50/60 Hz	50/60 Hz
Switching capacity for cos φ = 1	16 A		
Contact	Changeover switch		
Working reserve	None	100 hours	100 hours
Min. switching time	15 minutes		2 hours
Interval	30 minutes		4 hours
Operating temp.	–10° C + 55° C		

Dimensions



Wiring diagram



Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

Analogue time switches

Electro-mechanical surface mounting



497 54

Conform to EN 60730-1 and EN 60730-2-7

Supply voltage: 230 V~+10% -15%

3 position changeover switch

With 72 x 72 mm display to DIN EN 50022 Part C

Pack	Cat. No.	Maxirex™
		With manual override
		24 hour - 1 channel
		Programmable for 20 minutes at 10 minute intervals
		Accuracy: ±5 minutes per day
1	497 50	Without working reserve - 50 Hz - T
1	497 54	With 100 hr working reserve - 50/60 Hz - QT
		7 day - 1 channel
		Programmable for 2 hours at 1 hour intervals
		Accuracy: ±30 minutes per day
1	497 52	Without working reserve - 50 Hz - W
1	497 56	With 100 hr working reserve - 50/60 Hz - QW
1	044 09	Fixing accessory for maxirex time switch
		Adaptor for rail EN 50022
1	498 32	Frame for panel mounting

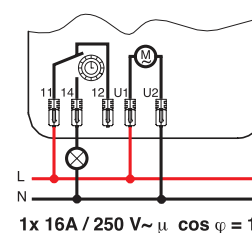
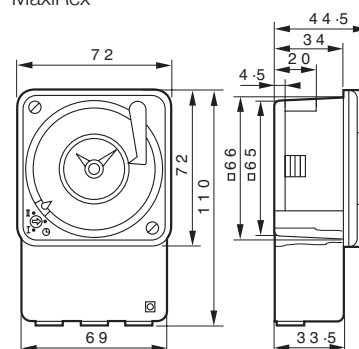
Analogue time switches

Electro-mechanical surface mounting Technical data

	MaxiRex			
Type	T	QT	W	QW
Cat. No.	497 50	497 54	497 52	497 56
Supply voltage	230 V+10% -15%			
Frequency	50 Hz	50/60 Hz	50 Hz	50/60 Hz
Switching capacity:	16 A 10 A 1 000 W			
cos φ = 1				
cos φ = 0.6				
incand. lamp				
Contact	1 c/o SPDT	1 c/o SPDT		
Working reserve	None	100 hrs	None	100 hrs
Min. switching time	10 mins		1 hrs	
Interval	20 mins		2 hr	
IP rating	IP 20			
Storage temp.	-10° C + 60° C			
Operating temp.	0° C + 55° C			

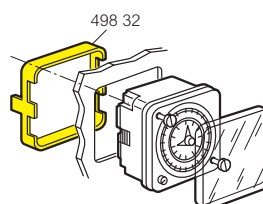
Dimensions

MaxiRex

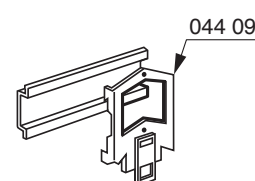


■ Mounting of time switches

• Panel Mounting



• On din rail with accessory



20A Analogue time switch

For DIN-Rail mounting and wall mounting



6499 17



6499 18

According to UL 9/7, IEC 60730-1, EN 60730-1, VDE 0631 part 1, IEC 60730-2-7, EN 60730-2-7, VDE 0631 part 2-7.
Robust analogue daily and weekly time switch for DIN-Rail mounting, wall mounting and for installation in plastic box (4 terminal version)

- with manual switch (on/Automatic)
- hands can be moved clockwise and counter-clockwise

Pack Cat. No. 20A MaxiRex 4 time switch

1	6499 18	24 hour - without working reserve
1	6499 17	4T (230V – 50Hz) without enclosure
		4TB (230V – 50Hz) – with IP53 enclosure
1	6499 15	24 hour - with 500 hr working reserve
1	6499 14	4QT (230V – 50/60Hz) without plastic box
		4QTB (230V – 50Hz) – with IP53 enclosure



Econorex M™

24 hour - 1 channel

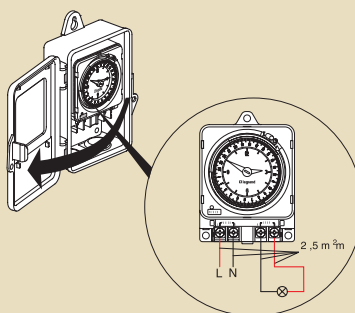
Programmable for 15 minutes minimum at 15 minute intervals with retained 'pull out' segments
Easily programmed, easily read by user
Just set actual time to pointer and pull out segments for switch time

1	499 83	Panel mounting (72 x 72mm) MT, No working reserve
1	499 86	Panel mounting (72 x 72mm) MQT, W/100H working reserve

20A Analogue time switch

Analogue for DIN-Rail mounting and wall mounting

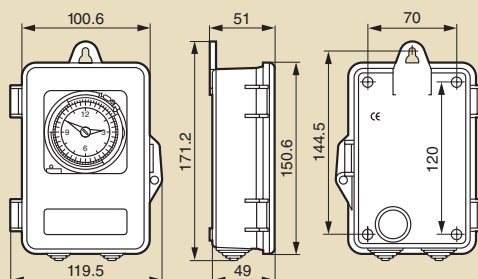
Type	MaxiRex4
No. of channels	1
Switching capacity	20 A~
Cos = 1	4 A~
incandescent	10 A~
ind. Cos = 0,6	
Minimum setting unit	10 min for daily 1 h for weekly
Minimum setting interval	20 min for daily 2 h for weekly
Operating temperature	-10° + 50°
Protection modus	IP 53 (with plastic box)



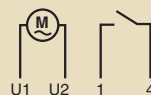
■ Dimensions of programmable time switches

■ Analogue time switches

Cat. No. 6499 14



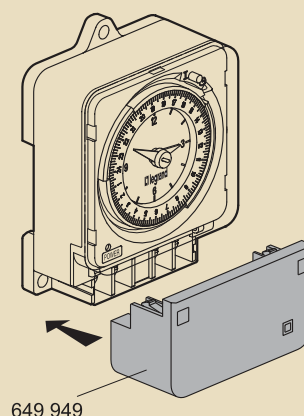
■ Contacts for MaxiRex



■ Contacts for EconoRex



■ Cover for 649 918 & 649 915



Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list

Time switches and hour counters



495 55



499 26

Pack Cat. No. Totalising hour counters (Panel mount)

		48 x 48 mm
		AC current - design : 0...99999.99 hr
		DC current - design : 0...999999.9 hr
		IP 40 Panel flush mounting
		Voltage supply:
1	495 52	24 V~ - 50 Hz
1	495 55	240 V~ - 50 Hz
1	495 60	12-36 VDC

Totalising hour counters (Din mounting)

Count the operating hours of a machine or an electrical device to determine its exact operating time

Counter with numerical display

Capacity: 5 digits + 2 decimal places (1 unit = 1 hr)
Precision: 1/100th hour
Consumption: 0.2 VA

			Number of modules
1	046 94	230 V~ - 50 Hz	2
1	046 91	24 V~ - 50 Hz	2

Defrosting time switch

Time switch for short periods for control of defrosting, regularly repeated switching of pumps, feed conveyors, sprinkler systems, periodic lubrication of machines

16 A - 250 V $\pm$ μ - cos ϕ = 1
IP 30

24 hour programme

The timer can repeat one or two settable short programmes within 24 hours

Shortest switching sequence
2.5 hours - up to 9 times
1 switching step = 1 segment = 30 min.
With two changeover contacts

Without working reserve

Voltage supply 230 V~ - 50 Hz

1	499 26	KKT - Defrosting time from 10 to 60 minutes per contact
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Time switches and hour counters

Cat. No. 499 26

Contacts



■ Characteristics of hour counters

Materials - front panel : transparent synthetic material

Type : 48 x 48 mm

Mounting : flush-mounting

Range: A.C. : 0...99999.99 hr/D.C. : 0...999999.9 hr

Accuracy : A.C.: 1/100° h/D.C.: 1/10° h

Reset : none

Size of numerals : 4 mm

Consumption : A.C. : 2 VA/D.C. : 0.65 W

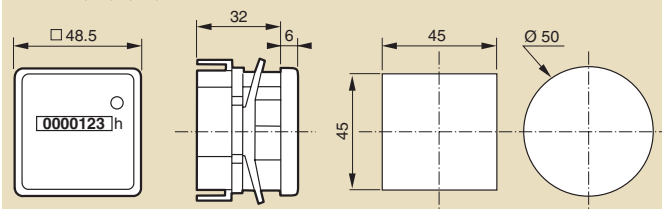
Index of protection : IP 40

Operating temperature : - 25 ° C to + 80 ° C

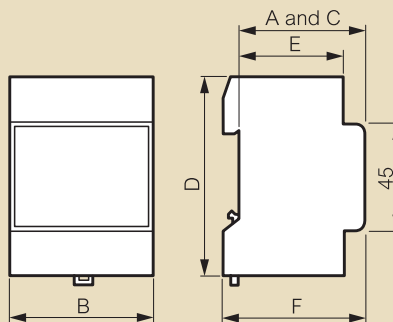
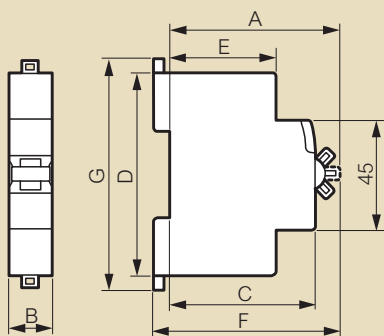
Weight: 110 g

Terminal connections : 2 x 1.5 mm²

■ Dimensions



LEXIC modular din-rail equipment **dimensions**



	A	B					C	D	E	F	G
Thermal-magnetic MCBs											
LR, DX, DX-H, DX-E up to 63 A	70		17.7	35.6	53.4	71.2	60	83	44	76	94
DX-L, DX D curve, DX-H from 80 to 125 A	70	26.7		53.4	80.1	106.8	60	83	44	76	89
Motor MCBs	82.5			44.5			72.2	89	44	87.3	91
Earth leakage modules up to 63 A	70			35.6	53.4	53.4	60	93	44	76	99
from 80 to 125 A	70			71.1	107.2	107.2	60	88	44	76	89
RCBOs	70	17.7	35.6	71.2		124.6	60	83	44	76	94
4-pole RCBOs with 4 modules	70					71.2	60	83	44	76	94
RCDs (DX)											
2-pole	70			35.6			60	83	44	76	94
4-pole	71.5					71.2	60	83	44	77.5	94
Fuse carriers	67	17.7	17.7	35.6	53.4	71.2	60	83	44	73	94
Auxiliary contacts											
Cat. No. 073 50/51	70			8.7			60	83	44	76	83
Cat. No. 073 54	70			17.7			60	83	44	76	83
Control auxiliaries	70			17.7			60	83	44	76	83
DX-IS remote trip head	72			35.5	53.5	71.5	60	83	44	78	94
Isolating switches											
16 - 20 - 32 A	72	17.7		17.7	35.6	53.4	60	83	44	74	94
63 - 100 - 125 A	72	17.7		35.6	53.4	71.2	60	83	44	74	94
Changeover switches											
Cat. No. 043 82/85	68			17.7			60	83	44	74	94
Cat. No. 043 83/86	68			35.6			60	83	44	74	94
Push-buttons/control switches	68			17.7			60	83	44	74	94
Indicators	63			17.7			60	83	44	69	94
Light sensitive switches											
Cat. No. 037 21	60			35.6			60	85	37.5	66	70
Sockets outlets	60			44.5			60	83	44	66	92
Buzzers/bells	60			17.5			60	76	44	66	85
Time delay relays	60			17.7			60	83	44	66	94
Voltage surge protectors											
039 20 to 23	60	17.7		35.6	53.4	71.2	60	86	44	68	91
039 30 to 33	60	17.7		35.6	53.4	71.2	60	86	44	68	91
039 40/41/43	60	17.7		35.6		71.2	60	86	44	68	91
038 28/29	60	17.7					60	86	44	68	91

Description	A	B	C	D	E	F
Programmable time switches						
037 05	60	17.8	60	83	44	66
037 30/42/44	60	17.8	60	83	44	66
037 52/53/55	60	53	60	83	44	66
047 61/71	60	35.6	60	83	44	66
047 64/67	60	35.6	60	83	44	66
047 70	60	90	60	83	44	66
Voltmeters - Ammeters	60	70	60	83	44	66
Contactors - 1 module 16 and 25 A	62	17.8	60	83	44	67.5
Contactors 25, 40 and 63 A						
2 modules	60	35.6	61	83	44	67
3 modules	60	54	61	83	44	67
Contactors 100 A 6 modules	60	90	60	83	44	66
Auxiliaries for contactors and pulse operated latching relays	60	9	60	83	44	66
Transformers and power supplies						
042 25	60	35.8	60	83.5	44	66
042 37/41	60	71.5	60	83.5	44	66
Electrical energy metering						
046 73/74	60	72	60	81	44	66
046 81/72	60	35.5	60	89	44	66
Central measuring unit						
046 65/67	64	105	64	89.5	44	69
Residual current relay						
260 88	60	35.5	60	89	44	66

Some items sold separately

For pack quantity, please refer to numerical index pages

For trade price, please see your local HPM Legrand representative for the current price list