

Isolating switches

Selection chart

VISTOP VISIBLE LOAD BREAK SWITCHES

	Rating (A)	Black handle			
		Front handle		Side handle	
		3 P	4 P	3 P	4 P
	63	225 12	225 15	225 16	225 18
	100	225 20	225 22	225 25	225 27
	125	225 34	225 39	225 44	225 46
	160	225 51	225 53	225 54	225 56

DPX-IS VISIBLE LOAD BREAK SWITCHES

	Rating (A)	Without release					
		Front handle		Right-hand side handle		Left-hand side handle	
		3 P	4 P	3 P	4 P	3 P	4 P
	160	266 02		266 12		266 22	
	250	266 03	266 07	266 13	266 17	266 23	266 27
	400	266 60	266 62	266 64	266 66	266 68	266 70
	630	266 61	266 63	266 65	266 67	266 69	266 71
	800	265 91	265 95	with release			
	1 000	265 92	265 96	with release			
	1 250	265 93	265 97	with release			
	1 600	265 94	265 98	with release			

DPX-I TRIP-FREE SWITCHES

	Rating (A)	Devices	3 P
	125	DPX-I 125	250 98
	160	DPX-I 160	251 98
	250	DPX-I 250 ER	252 98
	250	DPX-I 250	253 98
	400	DPX-I 630	255 86
	630	DPX-I 630	255 88
	800	DPX-I 1 600	257 94
	1 250	DPX-I 1 600	257 96
	1 600	DPX-I 1 600	257 98

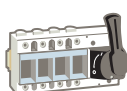
DX-IS ISOLATING SWITCHES

	Rating (A)	Without release		3 P	4 P
		1 P	2 P		
	16	043 01	043 21		
	20	043 02	043 22	043 42	043 62
	32	043 05	043 25	043 45	043 65
	40	043 07	043 27	043 47	043 67
	63	043 10	043 30	043 50	043 70
	100	043 14	043 34	043 54	043 74
	125		043 38	043 58	043 78



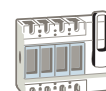
DX-IS

- Isolation with positive contact indication from 16 to 125 A
- Tripping version (common DX auxiliaries)
- Red handle: main device
- Faulty contact indicator
- Fixing on rail 



VISTOP

- Isolation with visible contact indication from 63 to 160 A
- Fixing on  rail or on plate
- External reversible side handle or front handle



DPX-IS

- Isolation with visible contact indication from 160 to 1 600 A
- Fixing on  rail or on plate up to 250 A. Above 250 A, fix on plate
- Tripping version (common DPX auxiliaries)

DPX-I 125 to 1 600 A

Trip-free switches



250 98



255 88

Conform to IEC 60947-3
Category of use AC 23 A
Can be associated to earth leakage modules or to corresponding DPX residual current relays
Mount on rail 2 up to DPX 250 ER
Connection identical to corresponding DPX

Pack Cat.No. DPX-I 125

Pack	Cat.No.	In
1	250 98	125 A

DPX-I 250 ER

Pack	Cat.No.	In
1	251 98	160 A

DPX-I 250 ER

Pack	Cat.No.	In
1	252 96	160 A
1	252 98	250 A

DPX-I 250

Pack	Cat.No.	In
1	253 98	250 A

DPX-I 630

Pack	Cat.No.	In
1	255 86	400 A
1	255 88	630 A

DPX-I 1 600

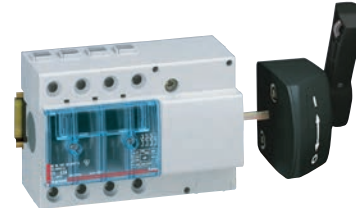
Pack	Cat.No.	In
1	257 96	1 250 A
1	257 98	1 600 A

Vistop™ isolating switches

63 to 160A



225 15



225 18

Safety isolating switches with visible breaking of load and positive action of the contacts

Double breaking of the phases by self-cleaning snap open/close action contacts

Label holders for identification of the circuits

Connection via cage terminals tightened by Allen key (except 63 A ; by PZ 2 screws)

Screw-fixing or fixing on EN 50022 rail (only on rail for 63 A Vistop)

Two versions for mounting on faceplate:

- With left or right external side handle with seal to maintain the IP protection (up to IP 55), mounting accessories, self-adhesive drilling template, adjustable extension rod (30 to 170 mm)
- With direct or external front handle with Cat. No. 227 32 to be ordered separately

Possibility of attaching a 2-pole - 16 A auxiliary isolating switch Cat. No. 227 22, or one or two N/C + N/O auxiliary Cat. No. 227 04/07

Pack	Cat. No.		63 to 160A	
	Front handle	Side handle	63 A	No of 17.5 mm modules
1	225 12	225 16	3-pole	7
1	225 15	225 18	4-pole	7
			100 A	
1	225 20	225 25	3-pole	7.5
1	225 22	225 27	4-pole	9
			125 A	
1	225 34	225 44	3-pole	7.5
1	225 39	225 46	4-pole	9
			160 A	
1	225 51	225 54	3-pole	7.5
1	225 53	225 56	4-pole	9

Vistop™ accessories

for load break isolating switches Up to 160A

Pack Cat. No. Auxiliary contacts

Pack	Cat. No.	Auxiliary contacts
1	227 04	Set of 2 auxiliary switches for on/off signalling 5A/250V
1	227 07	Single pole auxiliary from 63A to 160A (1NO + 1NC) Additional contact from 63A to 160A (2NO + 2NC)

Door interlock facilities

Pack	Cat. No.	Door interlock facilities
1	227 32	Extension shaft door interlock For 63/100/125A /160 Vistop

Sealable terminal shields

Pack	Cat. No.	Sealable terminal shields
1	227 98	Set of 2 separate, sealable terminal shields Clip on upstream and/or downstream of Vistop 100 to 160 A
1	227 22	2P 16A Contact (Switch module) for Vistop 100/125/160A

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

Vistop™ 63 to 160 A

Isolating switch rail mounting

Conform to standards NF C 63-130, NF EN 60947-3, IEC 60947-3, BS EN 60947-3, VDE 0660, NBN EN 60947-3, CNOMO E03 - 15-611 R, Veritas approved

Version with red handle/yellow front plate conforms to standards NF C 79-130, VDE 0113, IEC 60204-1, EN 60204

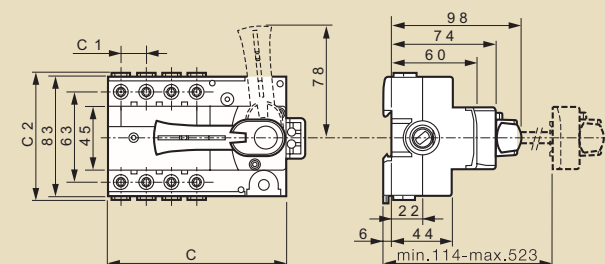
Glass fibre reinforced insulating casing, self-extinguishing at 960° C (IEC NF EN 60695-2-1)

Handle can be padlocked in open position using 1-3 padlocks Ø 6 mm

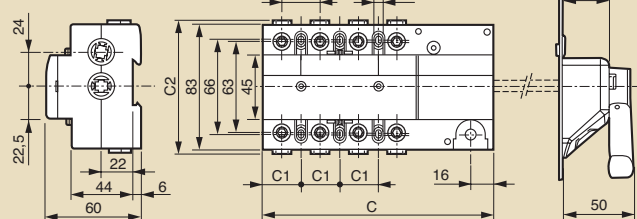
Vistop™ 63 to 160 A - visible contact indication

Accept auxiliary contacts N/C + N/O (cat. No 227 04/07) 1 or 2 (side handle)

Front handle

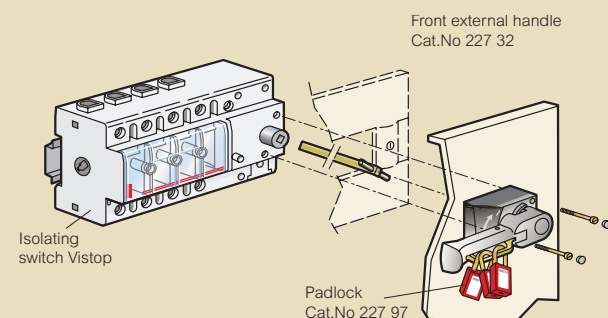


Side handle



	Front handle		External side handle	
	63 A 3 and 4-pole	100 A, 125 A, 160 A 3P 4 P	63 A 3 and 4-pole	100 A, 125 A, 160 A 3 P 4 P
C	125	133 160	125	133 160
C ₁	17.7	26.7	17.7	26.7
C ₂	90	91	90	91

■ Example of mounting with Vistop 100 to 160 A



(1) Test according to IEC 60947-3

AC 22 A / DC 22 A : resistive motor breaking

AC 23 A / DC 23 A : inductive motor breaking

(2) 32 A (20 kW) for AC 22 A

20 A (14 kW) for AC 23 A

(3) No of breaking contacts: 2

(4) 100 A (aM) with blade type cartridge fuses

Electrical characteristics

Thermal rating (Ith)	63 A	100 A	125 A	160 A
Terminals	cage	cage	cage	cage
Conne- tion	Cu (flexible) 4 to 35 ²		4 to 50 mm ²	
	Cu (rigid) 4 to 50 ²		4 to 70 mm ²	
Insulating voltage (U _i)	690 V~	800 V~	800 V~	800 V~
Impulse resistant voltage (U _{imp})	8 kV	8 kV	8 kV	8 kV
AC 22 A AC 23 A ⁽¹⁾	400 V 500 V 690 V	63 A (35 kW) 100 A (69 kW) 40 A (38 kW)	125 A (70 kW) 125 A (87 kW) 100 A (96 kW)	160 A (88 kW) 160 A (110 kW) 125 A (120 kW)
DC 22 A/250 V ^{(1) (2)*}	63	125	125	16 A
DC 23 A/250 V ^{(1) (2)*}	63	125	125	10 A
Breaking capacity (I _{cu}) (kA peak)	15	15	15	15
1 s resistant current (I _{cs}) (kA rms) (I _{cw})	2,5	3,5	3,5	3,5
I _{cc} with fuses (kA rms)	100	100	100	80
Fuse rupture capacity	63 A	100 A (gG) 63 A (aM) ⁽³⁾	125 A (gG) 125 A (aM) ⁽³⁾	160 A (gG) 125 A (aM)
Short circuit capacity (I _{sc}) (kA prospective peak)	7	12	12	12
Mechanical endurance (No of operations)	> 30 000	> 30 000	> 30 000	> 30 000
Index of Protection	IP 2x B (IP 3x C under frontplates)	IP 2x B (IP 3x C under frontplate) from 10 mm ²		

(1) Test conditions accordance with IEC 60947-3

AC = alternating current. DC = direct current. A = for frequent switching

AC 22 A/DC 22 A : resistive motor breaking

AC 23 A/DC 23 A : inductive motor breaking

(2) N° of breaking contacts: 2

(3) 100 A (aM) with blade type cartridge fuses

(4) Values correspond to the device mounted on Vistop 100 - 125 - 160 A

(5) Early break type of "AC"

DPX™-IS 250 isolating switches

160 to 250 A



266 07



266 17



262 39

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts

Padlock integrated in the handle

Connection with cage terminals

Supplied with terminal shields

Conform to IEC 60947-3

Category of use AC 23 A

Accept the same electrical auxiliaries as the DPX (p. 29)

Pack	Cat. No.		DPX-IS without release
	3P	4P	Front handle
1	266 02		160 A
1	266 03	266 07	250 A
			Right-hand side handle
1	266 12		160 A
1	266 13	266 17	250 A
			Left-hand side handle
1	266 22		160 A
1	266 23	266 27	250 A

Pack	Cat. No.		Mounting on rail
1		262 39	Rail 4 fixing plate For mounting DPX-IS 250

Pack	Cat. No.		Rotary handles
			Vari-depth handle IP 55
			Comprising: connecting rod, bracket, self-adhesive drilling template, fixing accessories (seal to maintain the IP protection up to IP 55, door lock mechanism)
1		266 86	For front and side handle device
			Accessories
			Cage terminals
1		262 88 ⁽¹⁾	Set of 4 For cable 185 mm ² (rigid) or 150 mm ² (flexible) for DPX 250 ER and DPX-IS 250
			Spreaders
1		273 22	Set of upstream and downstream spreaders
			Rear terminals
			Used to convert the fixed version with front terminals to the fixed version with rear terminals
1		265 10	Set of upstream and downstream terminals
			Terminal shields
1		262 87	Set of 2
1		262 99	Rail height spacer fits on Din Rail used to mount on the same row DX and DPX/DPX-IS

(1) Can not be mounted on side by side mounted earth leakage modules 160 A

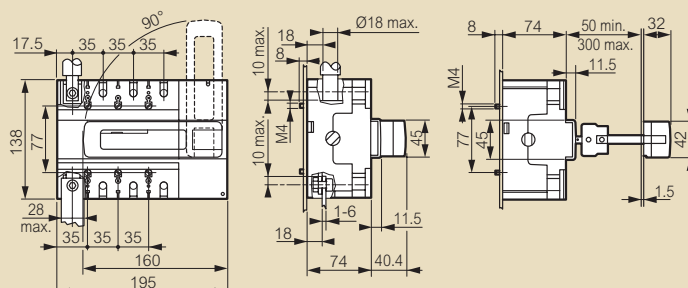
DPX™-IS 250 isolating switches

Electrical characteristics

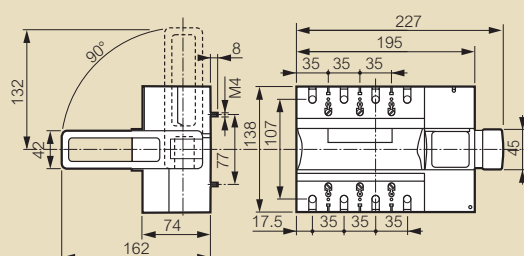
Rating		160 A	250 A
Connection	Cu flexible	150 mm²	
	Cu rigid / Alu	185 mm²	
Copper bar		Width max. 28 mm	
Nominal rating (Ue)		690 V~ - 250 V=	
Rated insulation voltage (Ui)		800 V~	
Rated impulse withstand voltage (Uimp)		8 kV~	
AC 23 A	400 V~	160 A	250 A
	690 V~	160 A	160 A
AC 22 A	690 V~	160 A	250 A
Short-circuit making capacity (kA efficient) (Icm)		40 kA	
I admissible Is (Icw)		12 kA efficient	
I admissible with fuse (Icc)		100 kA efficient	
Max. rating of fuse	gG	160 A	250 A
	aM	160 A	160 A
Rated closing capacity on short circuit (kA peak) (Icm)		40 kA	
Endurance	mechanical	25000 operations	
	electrical (AC 23 - 400 V~)	2500 operations	
Index of protection		IP 20 front panel	

Dimensions

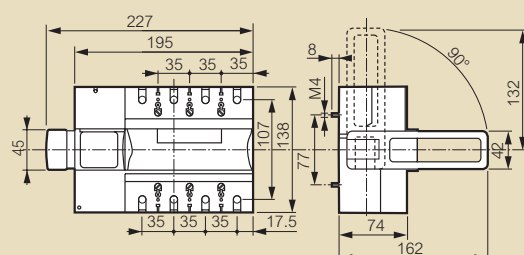
Front handle



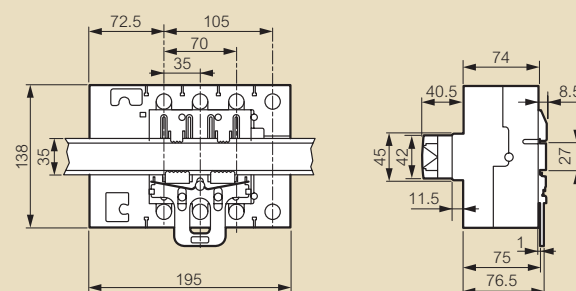
Right lateral handle



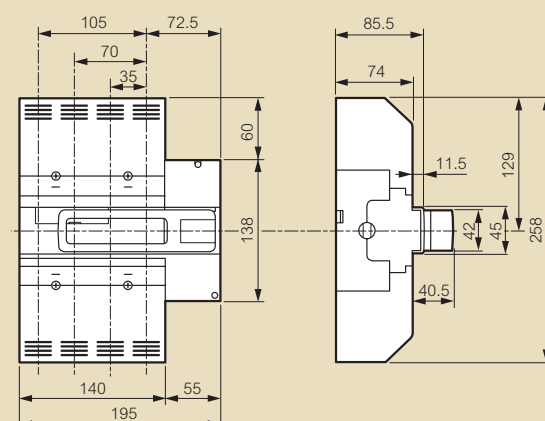
Left lateral handle



Mounted on rail Din

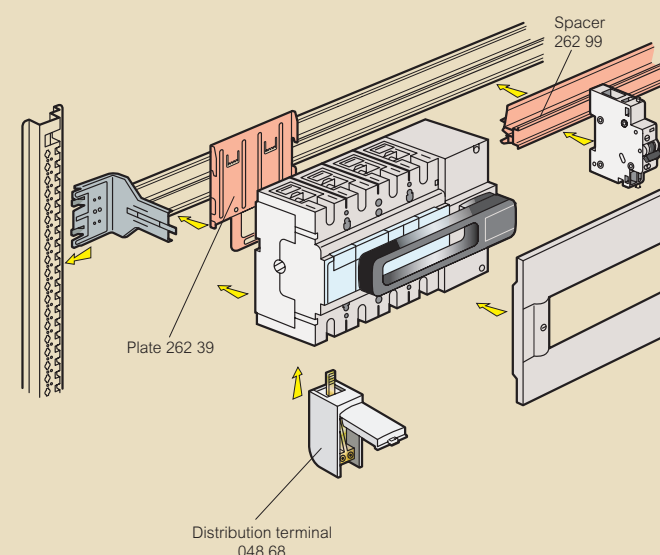


With terminal shields



Mounting

Mounted on rail with plate



DPX™-IS 630 isolating switches

400 to 630 A



266 62



266 70



262 50

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts
 Padlock integrated in the handle
 Supplied with terminal shields, and cage terminals
 Conform to IEC 60947-3
 Category of use AC 23 A
 Accept the same electrical auxiliaries as the DPX (p. 29)

Pack	Cat. No.		DPX-IS without release
	3P	4P	
1	266 60	266 62	Front handle
1	266 61	266 63	400 A
			630 A
			Right-hand side handle
1	266 64	266 66	400 A
1	266 65	266 67	630 A
			Left-hand side handle
1	266 68	266 70	400 A
1	266 69	266 71	630 A

Pack	Cat. No.		Rotary handles
			Comprising: connecting rod, bracket, self-adhesive drilling template, fixing accessories (seal to maintain the IP protection up to IP 55, door lock mechanism)
1		266 86	For front and side handle device

Pack	Cat. No.		Accessories
			Cage terminals
1		262 50	Set of 4 terminals for cable 300 mm² max.(rigid) or 240 mm² max.(flexible)
	3P	4P	Spreaders
1	262 48	262 49	Set of incoming or outgoing spreaders
			Rear terminals
			Used to convert the fixed version with front terminals to the fixed version with rear
1	263 50	263 51	Set of incoming and outgoing swivel rear terminals
1	263 52	263 53	Set of incoming and outgoing flat rear terminals
			Sealable terminal shields
1		262 45	Set of 2
			Padlock
1		266 97	For locking mechanism in open position
			Ronis

Some items sold separately

For pack quantity, please refer to numerical index pages

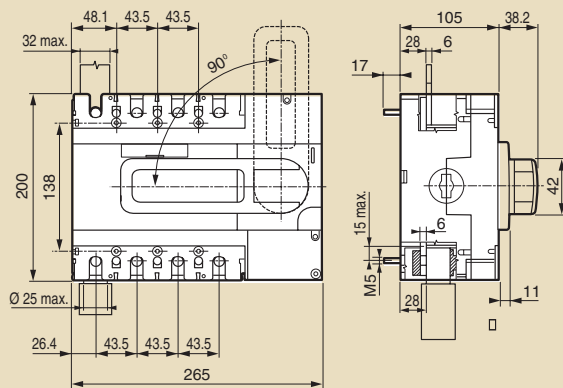
For trade price, please see your local HPM Legrand representative for the current price list

Technical characteristics

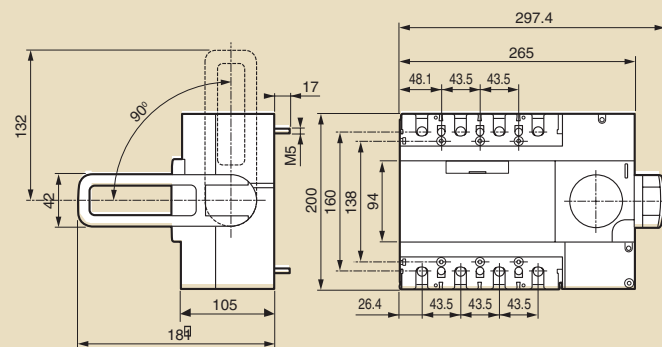
Rating	400 A	630 A
Terminals	cage	
Connection	Cu flexible	1 x 240 or 2 x 185 mm ²
	Cu rigid	1 x 240 or 2 x 185 mm ²
Copper bar	Width max 32 mm	
Nominal Rating (Ue)	690 V ac	
Rated insulation voltage (Ui)	800 V ac	
Rated impulse withstand voltage (Uimp)	8 kV ac	
AC 23 A	400 V ac	630 A
	500 V ac	630 A
	690 V ac	630 A
AC 22 A	400 A	630 A
I admissible Is (Icw)	20 kA RMS	
I admissible with fuse (kA efficient) (Icc)	100 kA	
Max. rating of fuse gG	400 A	630 A
Max. rating of fuse aM	400 A	630 A
Short-circuit making capacity (kA efficient) (Icm)	40 kA	
Mechanical endurance	15 000 operations	
Electrical endurance (AC 23 400 V ac)	1 500 operations	
Index of protection	IP 20 front panel	

Dimensions

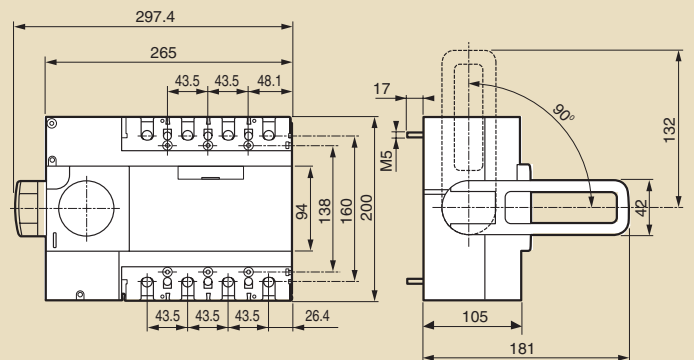
Front handle



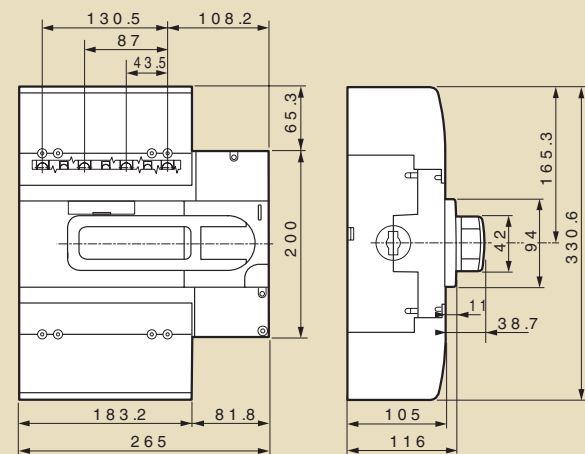
Right lateral handle



Left lateral handle



Front handle with terminal shields



DPX-IS 1 600 isolating switches

800 to 1 600 A



265 98



262 65

Isolating switches for on-load circuit breaking by visible isolation and positive action of the contacts
Connection with cage terminals
Padlock integrated in the handle
Supplied with terminal shields
Conform to IEC 60947-3
Category of use AC 23 A

Pack	Cat. No.		DPX-IS with release
	3 P	4 P	Supplied without shunt release Can be associated with a residual current relay with separate coil
1	265 91		Front handle 800 A
1	265 92		1 000 A
1	265 93	265 97	1 250 A
1	265 94	265 98	1 600 A

	3 P	4 P	Mounting accessories
1	262 64	262 65	Sealable terminal shields Set of 2 short terminal shields
1	262 66		Insulation shields Used to isolate the connections between each pole Set of 3 insulation shields

		Connection accessories
1	262 69	Cage terminals Set of 1 terminal for cables 2 x 240 mm ² max. (rigid) or 2 x 185 mm ² max. (flexible)
1	262 70	Set of terminal for cables 4 x 240 mm ² max. (rigid) or 4 x 185 mm ² max. (flexible)
1	262 73	262 74 Spreaders For increasing the distance between each pole to be connected Set of upstream or downstream spreaders
1	263 80	263 82 Rear terminals Set of 6 (or 8) rear terminals, upstream or downstream
1	263 81	Short terminals Long terminals
1	262 67	Extended front terminals Short terminals
1	262 68	Long terminals

Common auxiliaries to DPX (p. 29)

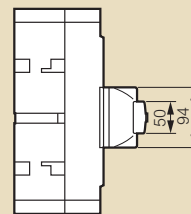
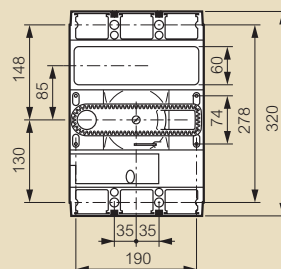
DPX-IS 1 600 isolating switches

■ Electrical characteristics

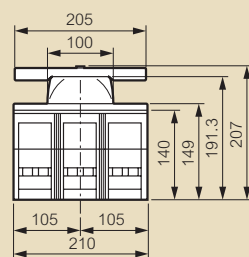
Rating		800 A	1 000 A	1 250 A	1 600 A
Connection	Cu flexible	2 x 185 mm ² or 4 x 185 mm ²			
	Cu rigide	2 x 240 mm ² or 4 x 240 mm ²			
	Alu	2 x 240 mm ² or 4 x 240 mm ²			
Copper bar		50 mm or 80 mm			
Nominal rating (Ue)		690 V±			
Rated insulation voltage (Ui)		690 V±			
Rated impulse withstand voltage (Uimp)		8 kV±			
AC 23 A	400 V±	800 A	1 000 A	1 250 A	1 600 A
	500 V±	800 A	1 000 A	1 250 A	1 600 A
	690 V±	800 A	1 000 A	1 250 A	1 600 A
DC 23 A	250 V±	800 A	1 000 A	1 250 A	1 600 A
I admissible is for 1s (I_{lcw})		20 kA RMS			
I admissible with fuse (I_{cc})		100 kA RMS			
Max. rating of fuse		800 A	1 000 A	1 250 A	1 600 A
Short-circuit making capacity (kA peak) (I_{cm})		40 kA			
Mechanical endurance		10 000			
Electrical endurance (AC 23 A - 400 V~)		3 000	3 000	2 000	2 000
Index of protection		IP 20 front panel			

■ Dimensions

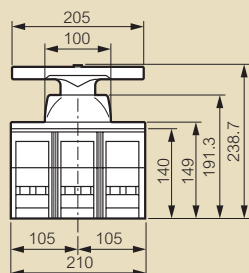
3P



Without handle extension



With handle extension



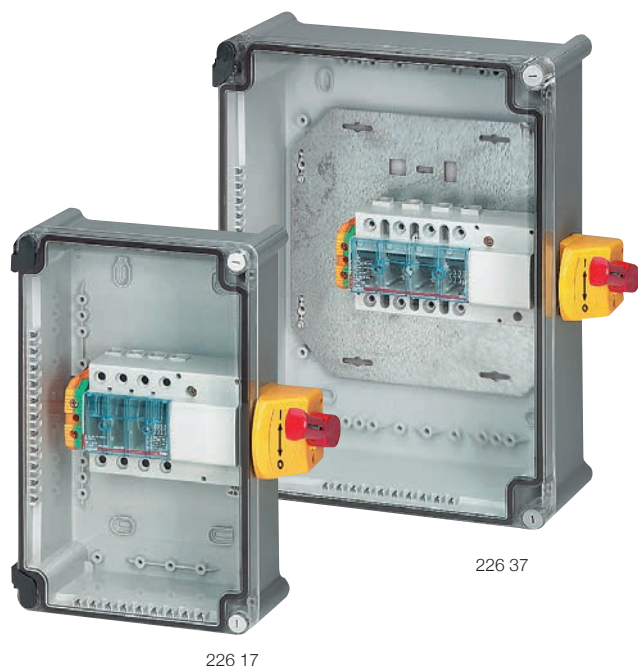
Some items sold separately

For pack quantity, please refer to numerical index pages

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

Proximity switching 63 to 160 A

IP65



For on-load circuit breaking, isolation and locking in 0 position equipment located remotely

Applications:

- breaking of CMV (controlled mechanical ventilation) motors, fixed or moving machines, air-conditioners)

Can also be used as a:

- general switch
- emergency stop

Proximity switching 63 to 160 A

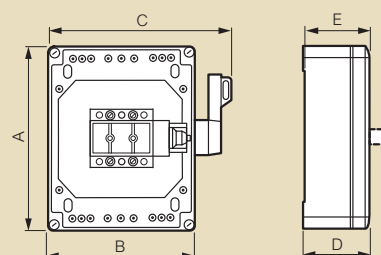
■ Full load switch units 63 to 160 A

Electrical characteristics

Identical to corresponding Vistop isolating switch

Switch units	Cat. No.	Characteristics
63 A	226 15/17	Vistop 63 A
100 A	226 25/27	Vistop 100 A
125 A	226 33/34	Vistop 125 A
160 A	226 35/37	Vistop 160 A

Dimensions



Cat. No.		A	B	C	D	E
226 15/17	63 A	290	190	263	95	102
226 25/27/33/34	100/125 A	332	262	316	132	132
226 35/37	160 A	382	292	346	132	132

Pack Cat. No. Full load switch units 63 to 160 A

		Comprising:		
		- IP 65 plastic box with transparent hinged cover equipped with a Vistop with side red handle, yellow front plate with N/C + N/O auxiliary contact		
		- earth terminal (Viking 3)		
		63 A - IK 07		
		Supplied with 2 cable glands 29P - ISO 32		
1	226 15	3P	cage terminals	50 mm ²
1	226 17	4P	50 mm ² flexible 70 mm ² rigid	50 mm ²
		100 A - IK 07		
		Supplied with 2 cable glands 36P - ISO 50		
1	226 25	3P	cage terminals	50 mm ²
1	226 27	4P	50 mm ² flexible 70 mm ² rigid	50 mm ²
		125 A - IK 07		
		Supplied with 2 cable glands 36P - ISO 50		
1	226 33	3P	cage terminals	50 mm ²
1	226 34	4P	50 mm ² flexible 70 mm ² rigid	50 mm ²
		160 A - IK 07		
		Supplied with 2 cable glands 36P - ISO 50		
1	226 35	3P	cage terminals	50 mm ²
1	226 37	4P	50 mm ² flexible 70 mm ² rigid	50 mm ²