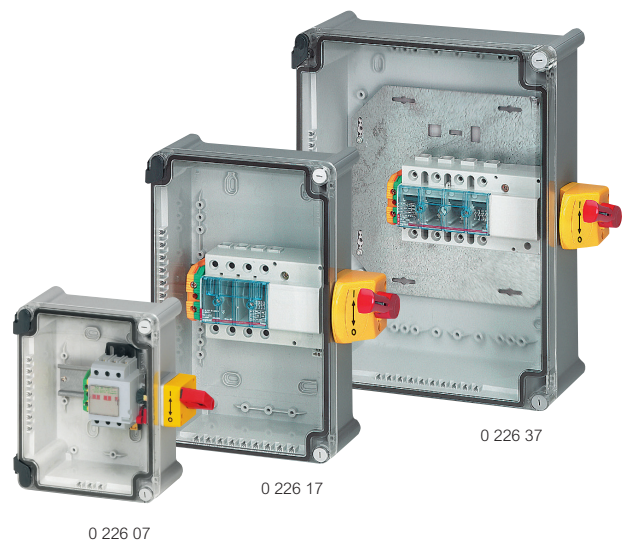


Proximity switching 32 to 160 A



Dimensions **see opposite**

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

IP 65

Pack	Cat.Nos	Full load switch units 100 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)		
		100 A - IK 07		
		Supplied with 2 cable glands 36P - ISO 50		
1	0 226 25	3P	cage terminals	50 mm ²
1	0 226 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	0 226 33	3P	cage terminals	50 mm ²
1	0 226 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	0 226 35	3P	cage terminals	50 mm ²
1	0 226 37	4P	50 mm ² flexible 70 mm ² rigid	50 mm ²

Proximity switching 32 to 160 A

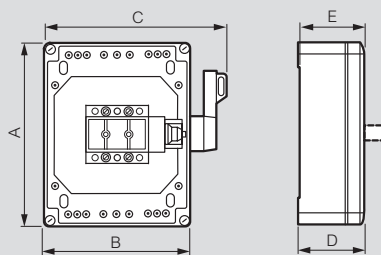
Full load switch units 32 to 160 A

Electrical characteristics

Identical to corresponding Vistop isolating switch

Switch units	Cat.Nos	Characteristics
100 A	0 226 25/27	Vistop 100 A p. 166
125 A	0 226 33/34	Vistop 125 A p. 166
160 A	0 226 35/37	Vistop 160 A p. 166

Dimensions

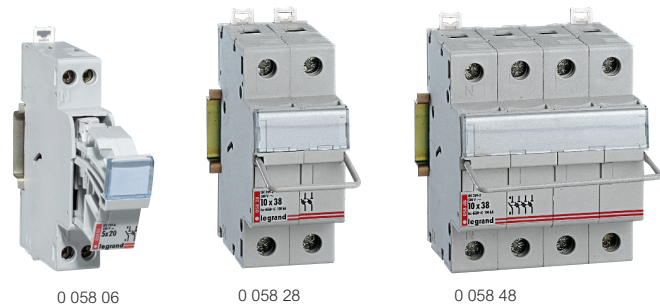


Cat.Nos	A	B	C	D	E
0 226 25/27/33/34 100/125 A	332	262	316	132	132
0 226 35/37 160 A	382	292	346	132	132



Modular fuse carriers

for industrial cylindrical cartridge fuses type aM or gG



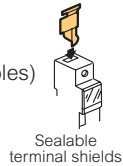
Dimensions **see e-catalogue**

Conform to standard IEC 60269-2/2.1 and to NF C 63-210
Isolators conform to IEC 60947-3
ICC :
- 20 kA with 8.5 x 31.5 cartridge fuse
- 100 kA with 10 x 38 cartridge fuse
Fuse not supplied

Pack	Cat.Nos	Fuse carriers	Cartridge dimensions (mm)	Voltage	Number of 17.5 mm modules
10	0 058 06	Single pole	8.5 x 31.5	400 V~	1
10	0 058 08		10 x 38	500 V~	1
10	0 058 16	Single pole + neutral	8.5 x 31.5	400 V~	1
10	0 058 18		10 x 38	500 V~	1
5	0 058 26	Double pole	8.5 x 31.5	400 V~	2
5	0 058 28		10 x 38	500 V~	2
3	0 058 36	3-pole	8.5 x 31.5	400 V~	3
3	0 058 38		10 x 38	500 V~	3
2	0 058 46	3-pole + neutral	8.5 x 31.5	400 V~	4
2	0 058 48		10 x 38	500 V~	4

Pack	Cat.Nos	Joining kits
10	0 057 92	For 2 single pole fuse carriers
10	0 057 93	For 3 single pole fuse carriers
10	0 057 94	For 4 single pole fuse carriers

Pack	Cat.Nos	Accessories
10	0 057 90	Blow-out indicator 250 V~
3	0 057 99	Support for padlocks Ø 4 mm
2	0 044 44	Sealable terminal shield (4 separable poles)



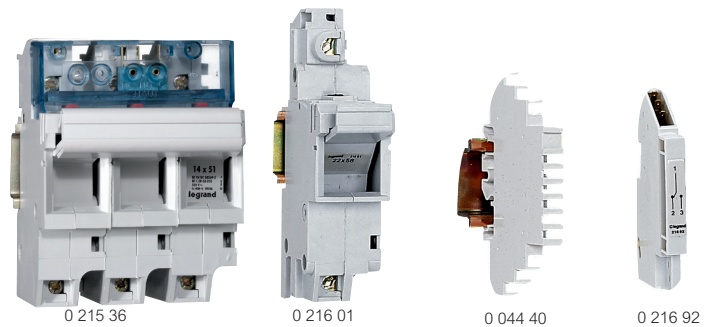
Supply busbars (p. 42)

DX MCBs up to 125 A
please consult us



Modular SP fuse carriers

with protected terminals



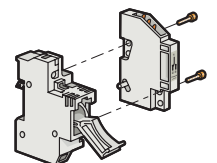
Dimensions **see p. 39**

Conform to IEC 60269-2 Veritas approved
Height under front plate : 44 mm rail mounting or panel mounting
IP2X - IP2XC under front plate

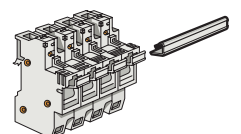
Pack	Cat.Nos	SP 51 for HRC fuses 14 x 51	Connection	No of 17.5 mm modules
5	0 215 01	Single pole	1 x 35 mm ²	1.5
1	0 215 03	Double pole	or	3
1	0 215 04	Triple pole	2 x 16 mm ²	4.5
1	0 215 05	Triple pole + equipped neutral		6
With 5 A - 250 V~ changeover micro-switch Signalling and cut-out functions Supplied with 3 x 2.8 mm clips				
1	0 215 36	Triple pole	1 x 35 mm ² or 2 x 16 mm ²	4.5

Pack	Cat.Nos	SP 58 for HRC fuses 22 x 58	Connection	No of 17.5 mm modules
3	0 216 01	Single pole	1 x 50 mm ²	2
1	0 216 04	Triple pole	or	6
1	0 216 05	Triple pole + equipped neutral	2 x 25 mm ²	8
With 5 A - 250 V~ changeover micro-switch Signalling and cut-out functions Supplied with 3 x 2.8 mm clips				
1	0 216 36	Triple pole	1 x 50 mm ² or 2 x 25 mm ²	6

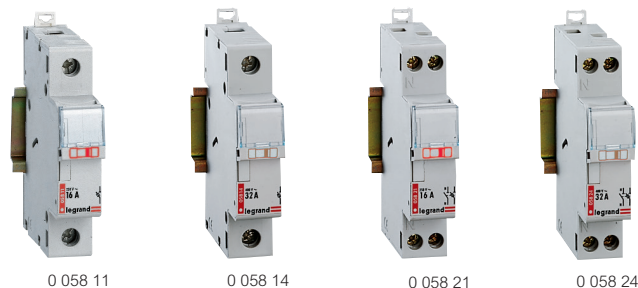
Pack	Cat.Nos	Fuses carriers	No. of 17.5 mm modules
10	0 044 40	Spacing unit Places between mechanisms to aid cooling	0.5
6	0 216 92	Changeover micro-switch unit Side fixing on SP 51 or SP 58 Right side 5 A - 250 V~ For signalling and cut-out functions	0.5



5	0 216 96	Link handle for association of single pole units SP 51 or SP 58 Length 300 mm Can be cut to desired length
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Modular fuse carriers



Dimensions [see e-catalogue](#)

With label-holders
 With insulated carrier class II \square , padlockable
 Coupling via supply busbars
 Shielded terminals capacity $2 \times 10 \text{ mm}^2$
 Indicator to signal blown fuse with Cat.No 0 057 90

Pack Cat.Nos For domestic cylindrical cartridge fuses

Pack	Cat.Nos	For domestic cylindrical cartridge fuses
		Conform to NF C 61-201 and IEC 60269-3/3.1 Fuse not supplied (see opposite)
		Single pole
		For domestic cartridges
		Cartridge dimensions (mm)
		Number of 17,5 mm modules
10	0 058 10	10 A - 250 V \sim 8.5 x 23 1
10	0 058 11	16 A 10.3 x 25.8 1
10	0 058 12	20 A - 400 V \sim 8.5 x 31.5 1
10	0 058 13	25 A 10.3 x 31.5 1
10	0 058 14	32 A 10.3 x 38 1
		Single pole + neutral
10	0 058 20	10 A - 250 V \sim 8.5 x 23 1
10	0 058 21	16 A 10.3 x 25.8 1
10	0 058 22	20 A - 400 V \sim 8.5 x 31.5 1
10	0 058 23	25 A 10.3 x 31.5 1
10	0 058 24	32 A 10.3 x 38 1

For miniature cylindrical cartridge fuses

To protect sensitive equipment :
 transformers, electronic equipment, etc.
 Conform to standard IEC 60127-6
 Fuse not supplied (see opposite)

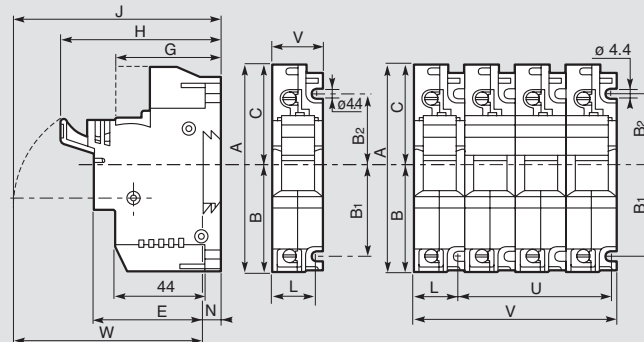
Pack	Cat.Nos	For miniature cylindrical cartridge fuses
		Single pole
		Cartridge dimensions (mm)
		Voltage
		Number of 17,5 mm modules
5	0 058 00	5 x 20 250 V \sim 1
		Single pole + neutral
5	0 058 02	5 x 20 250 V \sim 1

Supply busbars (p. 42)

Fuse carriers - SP

■ Dimensions and technical characteristics

SP 51 and SP 58



In mm	A	B	B ₁	B ₂	C	E	G	H 1 P	H multi.	J 1 P
SP 51	106	54.5	45	35	51.5	55	53	81	84	96
SP 58	140	74	65	45	66	59	53	87	90	111

In mm	J multi.	L	N	U 2 P	U 3 P	U 4 P	V 1 P	V 2 P	V 3 P	V 4 P	W 1 P	W multi.
SP 51	99	20.7	9	26.5	53	79.5	26.5	53	79.5	106	87	90
SP 58	114	27	9	36	72	108	36	72	108	144	101	109

■ Choice of equipment

Type	Rated current	Maximum cartridge rating			
		400 V \sim		690 V \sim	
		gG	aM	gG	aM
SP 51	50 A	50	50	40	25
SP 58	100 A (125 A in 400 V)	125	125	100	50

These values are standardized according to IEC 60269-2/2-1
 They can be reduced under certain specific conditions of use

Protection index : IP 2X - IP 2XC - under casing

Equipment derating

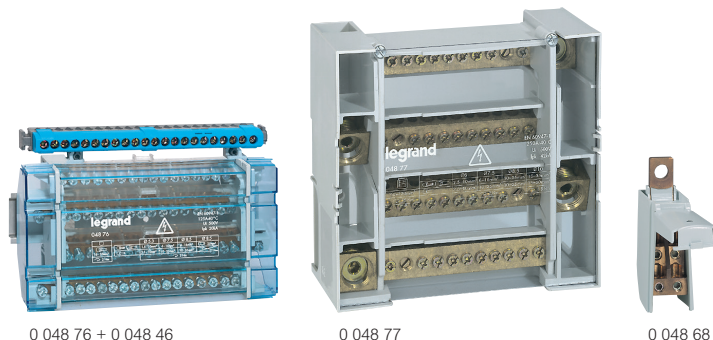
Justified under more severe conditions of use :

- Ambient temperature over 35 °C : derate fuse by one rating per 10 °C (UTE C 20-051 IEC 60943)
- Side-by-side equipment in simultaneous function

2 - 3 devices	0.9 x I _n
4 - 5 devices	0.8 x I _n
6 - 7 - 8 - 9 devices	0.7 x I _n
≥ 10 devices	0.6 x I _n

This coefficient is to be applied on the nominal rating of the base (IEC 60439-1, NF C 63-421)

- Uninterrupted duty : it may be necessary to upgrade the bases by one size



Dimensions [see e-catalogue](#)

Standard distribution
 Connection with or without Starfix ferrules (please consult us)
 Self-extinguishing, according to EN 60695-2-11: 960 °C on active part supports

Pack	Cat. Nos	Monobloc modular distribution blocks			
		Mounting on rail or on plate with 2 screws Supplied with insulated back plate and transparent protective front cover Each bar can be labelled using CAB 3 Possible to add IP 2X terminal block (except Cat.No 0 048 77)			
		Double pole Equipped with 2 bars			
		Rating (A)	Isc peak (kA)	Icw (kA)	Number of modules
5	0 048 81	40	20	3	6
10	0 048 80	100	20	4.5	4
5	0 048 82	125	18	4.5	8
		Four pole Equipped with 4 bars			
5	0 048 85	40	20	3	6
10	0 048 84	100	20	4.5	4
5	0 048 86	125	20	4.5	6
5	0 048 88 ¹	125	14.5	4.2	8
1	0 048 76 ²	125	20	4.5	10
1	0 048 79 ¹	160	27	8.4	10
1	0 048 77	250	42	14.4	9

Pack	Cat. Nos	Modular distribution blocks		
		Mounting on rail Fitted with Lexic label holder Can be joined together Possibility of forming a four pole distribution block by adding modules		
		Single pole		
		Rating (A)	Isc peak (kA)	Number of modules
4	0 048 71	125	35	2
4	0 048 83	160	27	2
4	0 048 73	250	60	2

Pack	Cat. Nos	Distribution terminals	
1	0 048 67	160 A - 6 outputs 25 mm ² flexible - Isc peak 30 kA Can be fitted directly onto downstream terminal of Vistop 100/160 A	
1	0 048 68	250 A - 4 outputs 35 mm ² flexible and 2 outputs 25 mm ² flexible - Isc peak 36 kA Can be fitted directly onto downstream terminal of DPX-IS 250	

1: With short ferrule supplied for flexible connection 25 mm²
 2: Incoming conductors must be equipped with ferrules (p. 292)
 Connection: 25 mm² with ferrules without insulating flange

Optimised and increased safety distribution systems, [see Product Guide](#)



Standards

Conform to EN 60947-1
 Insulating voltage according to EN 60947-1/IEC 60664-1: 500 V
 Impulse voltage (Uimp): 8 kV - Degree of pollution: 3

Section for connecting rigid or flexible conductors (with Starfix ferrules)

Distribution Blocks	Connections per bar		Rigid conductors	Flexible conductors with ferrules	
	Number	Ø (mm)		Section (mm ²)	Starfix ferrules Cat.Nos
0 048 67	6	8.5		6 to 25	0 376 68 to 71
0 048 68	4	10		6 to 35	0 376 68 to 77
	2	8.9		6 to 25	0 376 68 to 71
0 048 71	12	5.3	1.5 to 10	1.5 to 10	0 376 64 to 69
	4	10	16 to 50	16 to 35	0 376 70 to 72
0 048 73	4	6	2.5 to 16	2.5 to 10	0 376 66 to 69
	6	8.5	10 to 35	10 to 25	0 376 69 to 72
0 048 80	1	-	70 to 150	70 to 120	-
	5	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
0 048 81	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	11	4.3	1.5 to 4	0.75 to 4	0 376 62 to 67
0 048 82	2	6	6 to 16	4 to 10	0 376 67/68/69
	11	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
0 048 83	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	9	10 to 35	10 to 25	0 376 69/72/71
0 048 84	7	5.3	2.5 to 10	1.5 to 6	0 376 64 to 69
	2	7.5	6 to 25	6 to 16	0 376 68/69/72
	3	8.9	10 to 35	10 to 25	0 376 69/72
	1	-	35 to 70	25 to 50	0 376 71 to 77/78
0 048 85	5	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
0 048 86	11	4.3	1.5 to 4	0.75 to 4	0 376 62 to 67
	2	6	6 to 16	4 to 10	0 376 67/68/69
0 048 88	7	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
0 048 89	2	9	10 to 35	10 to 25	0 376 69/72
	11	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
0 048 76	4	8.5	10 to 35	6 to 25	0 376 68 to 71
	1	-	35 to 70	35 to 70	0 376 77/78
	8	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
	4	7.5	10 to 25	6 to 16	0 376 68 to 70/72
0 048 79	2	8.5	10 to 35	10 to 25	0 376 69/72
	14	5.3	2.5 to 10	1.5 to 10	0 376 64 to 69
0 048 77	1	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	1	8.5	10 to 35	6 to 25	0 376 68 to 70/72
	1	-	-	16 to 35	0 376 70 to 77
	6	6	2.5 to 16	2.5 to 10	0 376 66 to 69
0 048 77	2	7.5	10 to 25	6 to 16	0 376 68 to 70/72
	2	8.5	10 to 35	10 to 25	0 376 69 to 72
	1	10	16 to 50	16 to 35	0 376 70 to 72/77
	1	-	50 to 120	50 to 120	0 376 78

Characteristics of distribution blocks for use in photovoltaic installations

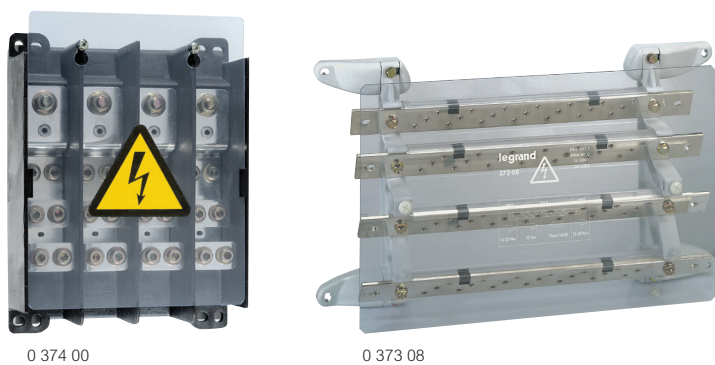
No of 18 mm modules	Cat.No	Max. cross-section for "solar cable"	Max. Ie (A) current T = (+40°C/+60°C) IEC 60364-1	Ui (V) Degree of pollution 2 IEC 60664-1	Impulse voltage Uimp IEC 60664-1
Single pole distribution block					
2	0 048 71	4 x 16 to 25 mm ² 12 x 1.5 to 6 mm ² or 6 x 10 mm ²	125/100	1000 V ⁽¹⁾	8 kV ⁽²⁾
Double pole distribution blocks					
4	0 048 80	5 x 1.5 to 6 mm ² 2 x 6 to 16 mm ²	100/80	800 V ⁽¹⁾	8 kV ⁽²⁾
8	0 048 82	11 x 1.5 to 6 mm ² 2 x 6 to 16 mm ² 2 x 10 to 25 mm ²	125/100	800 V ⁽¹⁾	8 kV ⁽²⁾

1: Supplementary insulation provided for the support rail in the context of application of UTE C 15712 double insulation
 2: Impulse voltage tested at 12 kV in the context of application of UTE C 15712 double insulation

For detailed dimensions, [see e-catalogue](#)



Power distribution blocks



Technical information **see opposite**

"Standard" distribution
Supplied with screen protection

Pack	Cat. Nos	Extra-flat for lugs
1	0 374 47	125 A Fixing on rail EN 60715 or on plate with M6 screws. Equipped with: - 1 incoming 35 mm ² (possible tapp-off) - 10 phase outgoing 16 mm ² - M5 screws - 17 neutral outgoing 16 mm ² - M5 screws Connection possible using connector Cat.No 0 373 65 (please consult us)
1	0 374 00	250 A Fixing on plain plate or on plate with M6 screws Distribution block 1 incoming 150 mm ² per pole: - 1 pole is composed of 3 parts - Each part can receive: 1 x 70 mm ² or 1 x 50 mm ² and 1 x 35 mm ² , or 2 x 35 mm ² or 1 connector with 3 outgoing terminals Cat.No 0 374 03 (please consult us)
		Stepped for lugs
1	0 373 95	125 A Fixing on rail EN 60715 depth 15 mm or on plate with screws Ø 4 mm (by removing claws) 4 bars 12 x 4 mm with five connectors 2 x 10 mm ² /bar (not mounted)
1	0 374 30	Fixing on rail EN 60715 , with claws Cat.No 0 374 39 or on plate with M6 screws 4 bars 15 x 4 mm supplied with: - 1 incoming 35 mm ² - M8 screws - 5 outgoing 25 mm ² - M6 screws
1	0 374 31	160 A Fixing on rail EN 60715 , with claws Cat.No 0 374 39 or on plate with M6 screws 4 bars 18 x 4 mm supplied with: - 1 incoming 70 mm ² max. - M8 screws - 5 outgoing 35 mm ² - M6 screws
1	0 374 35	250 A Fixing on rail EN 60715 , with claws Cat.No 0 374 39 or on plate with M6 screws 4 bars 25 x 4 mm supplied with: - 1 incoming 120 mm ² - M10 screws - 5 outgoing 50 mm ² - M8 screws
1	0 373 08	400 A Horizontal mounting in XL ³ 400 cabinets, vertical in XL ³ 400 cable sleeve, vertical in XL ³ 800 internal cable sleeve or on solid plate using the M6 screws supplied Distribution block consisting of 4 tin-coated bars 32 x 5 mm with insulated protection Composition of each bar: - 2 x Ø 8.5 mm untapped holes for power supply (flexible bars, ...)
1	0 374 42	- 21 outgoing M6 holes (70 mm ² lugs max.) Fixing on rail EN 60715 , with claws Cat.No 0 374 39 Distribution block consisting of 4 bars 32 x 5 mm Composition of each bar: - 2 x Ø 10.5 mm untapped holes for power supply (185 mm ² max.) - 15 outgoing M6 holes, 4 outgoing M8 holes

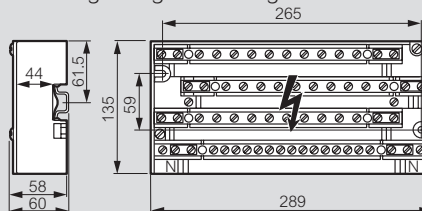
Power distribution blocks

Extra-flat for lugs

Self extinguishing: 960 °C according to EN 60695-2-11

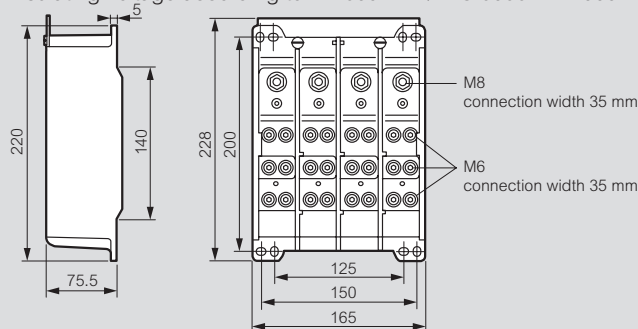
125 A Cat.No 0 374 47 - Isc peak 25 kÅ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 500 V



250 A Cat.No 0 374 00 - Isc peak 60 kÅ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V

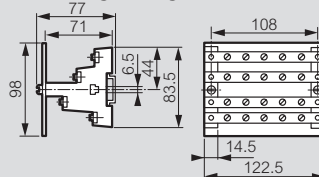


Stepped for lugs

125 A Cat.No 0 373 95 - Isc peak 20 kÅ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 600 V

Self extinguishing: 850 °C according to EN 60695-2-11

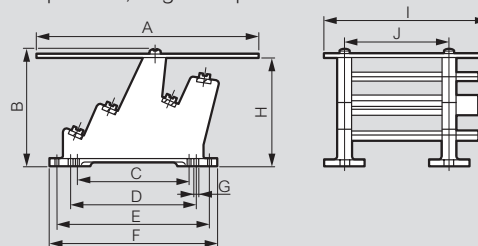


125/160/250 A Cat.Nos 0 374 30/31/35 - Isc peak 35 kÅ

Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V

Self extinguishing: 850 °C according to EN 60695-2-11

Uimp: 12 kV, degree of pollution: 3

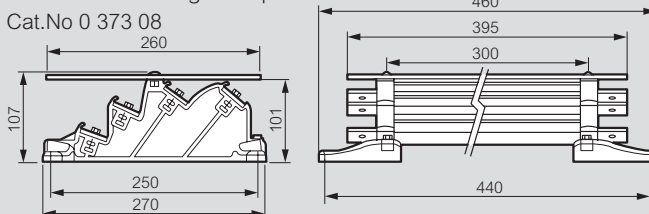


Dimensions (mm)

Distribution blocks	A	B	C	D	E	F	G	H	I	J
125 A	225	125	110	125	165	189	6.5	117.5	165	108
160 A	240	125	110	125	165	189	6.5	117.5	180	120
250 A	260	155	110	125	185	209	6.5	147.5	195	120

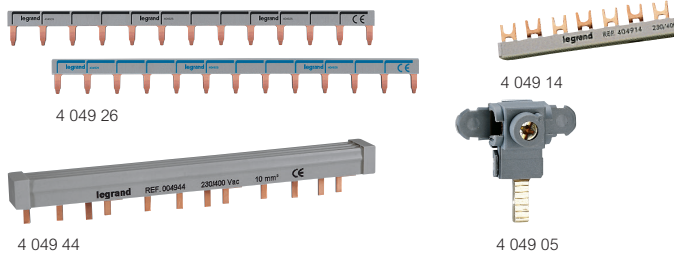
400 A ⁽¹⁾ **Cat.No 0 373 08** - Isc peak 42 kÅ. Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V. Uimp: 12 kV, degree of pollution: 3
Self extinguishing: 960 °C according to EN 60695-2-11

Cat.No 0 374 42 - Isc peak 50/75 kÅ. Insulating voltage according to EN 60947-1 / IEC 60664-1: 1000 V fixing centres 50 mm, 1500 V fixing centres 75 mm. Uimp: 8 kV fixing centres 50 mm, 12 kV fixing centres 75 mm. Degree of pollution: 3



Supply busbars, entry terminals

"standard" distribution



Technical characteristics **see opposite**

Pack	Cat.Nos	Prong-type supply busbars		
20 10	4 049 26 4 049 37	Universal single pole + neutral		
		Length	Max. number of devices connected	
		1 row	13	
		Meter	57	
50 10	4 049 38 ¹ 4 049 39	Double pole		
		Length	Max. number of devices connected	
		1 row	6	
		Meter	28	
3 10	4 049 40 ¹ 4 049 41	Double pole balanced on 3 phases		
		Length	Max. number of devices connected	
		1 row	6	
		Meter	28	
40 10	4 049 42 ¹ 4 049 43	Triple pole		
		Length	Max. number of devices connected	
		1 row	4	
		Meter	19	
30 10	4 049 44 4 049 45	Four pole		
		Length	Max. number of devices connected	
		1 row	3	
		Meter	14	

Pack	Cat.Nos	Fork-type supply busbars		
20 10	4 049 11 4 049 12	Single pole		
		Length	Max. number of devices connected	
		1 row	12	
		Meter	57	
10	4 049 14	Double pole		
		Length	Max. number of devices connected	
		Meter	28	
5 10	4 049 17 4 049 18	Triple pole		
		Length	Max. number of devices connected	
		1 row	4	
		Meter	19	
10	4 049 20	Four pole		
		Length	Max. number of devices connected	
		Meter	14	

Pack	Cat.Nos	Protection		
20	4 049 88	Protection of prongs		
		Length	Max. number of devices connected	
		12 modules		
		Can be cut to length		
40	4 049 89	Protection of supply busbar ends		
		Length	Max. number of devices connected	
		For single pole/single pole + neutral		
20	4 049 90	For double pole length 1 m and triple pole		
20	4 049 91	For four-pole		

Pack	Cat.Nos	Entry terminals		
20	4 049 05	Entry terminals		
		Length	Max. number of devices connected	
		For universal single pole + neutral or single pole supply busbars		
		Cross section: 4 to 25 mm ² - IP 2X		
20	4 049 06	Entry terminals		
		Length	Max. number of devices connected	
		For all supply busbars		
		Cross section: 6 to 35 mm ²		

1: Filled with end protection

Supply busbars, entry terminals

"standard" distribution

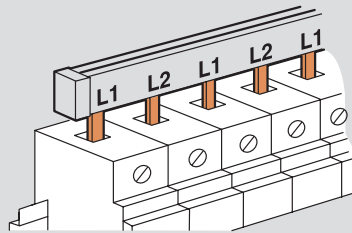
Technical characteristics

	Busbars type	Max number of devices connected	Length in number of 17.5 mm modules	Cross section (mm ²)	Permissible current	
					1 central power supply point	2 power supply point
Single pole or Single pole + neutral	1 row	13	13	16 ²	80	100
	Meter	57	57			
Double pole	1 row	6	12	16 ²	80	100
	Meter	28	56			
Double pole balanced on 3-phases	1 row	6	12	10 ²	63	90
	Meter	28	56			
Triple pole	1 row	4	12	10 ²	63	90
	Meter	19	57			
Four pole	1 row	3	12	10 ²	63	90
	Meter	14	56			

Use of supply busbars

Universal single phase + neutral

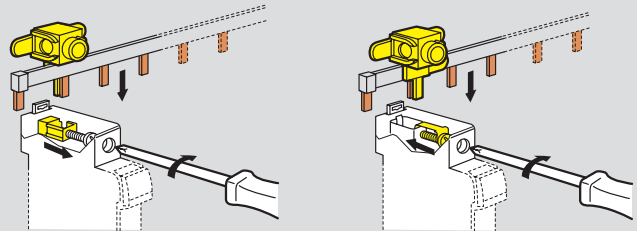
- blue for neutral
- black for live



Entry terminal

Power supply at the rear of the busbar
For all devices with moving cage terminals

Power supply at the front of the busbar
For all devices with fixed cage terminals



Four pole busbar

