

VIKING 3[®]

fast, secure
connections
every time

Available with a choice of screw, spring and heavy duty connection options, Viking 3 terminal blocks provide trusted, safe and reliable installations whatever your application.

Terminal blocks in the screw and spring connection ranges are complemented by a range of common accessories, including end stops, dividers and bridging combs.

Used in conjunction with Legrand's CAB 3 marking system and Starfix ferrules and crimping tools, Viking 3 provides a total solution for easy to use connection systems.

TECHNICAL DATA

APPROVALS:

Conform to EN 60947-7-1,
EN 60947-7-2, EN 60947-7-3,
UL / CSA / NF / VDE / IMQ
ATEX certification

SIZE RANGE:

To fit cable cross sections from
0.25mm² to 300mm²

FLAMMABILITY:

UL94, self extinguishing at 960°C



SCREW CONNECTION



Universal screw technology, ideal for distribution and process cabinets.

FEATURES

- Cable capacities from 0.25mm² to 95mm²
- High quality steel clamp ensures mechanical strength
- Angled cable entries for easy cabling and visible cable marking
- 2 central shunting zones
- Supplied pre-assembled in blocks of 5 or 10, using fixing pin
- 2 marking zones

SPRING CONNECTION



Ideal for vibration sensitive environments such as cranes, machines and onboard cabinets.

FEATURES

- Cable capacities from 0.5mm² to 16mm²
- Angled cable entries for easy cabling and visible cable marking
- Direct insertion of rigid cable, or flexible cable with ferrules, in terminal blocks up to 6mm²
- 2 central shunting zones
- Reduced cabling time
- Automatic connection with or without ferrules
- 2 marking zones
- No regular retightening required
- 5mm pitch block facilitates 4mm cable

HEAVY DUTY CONNECTION



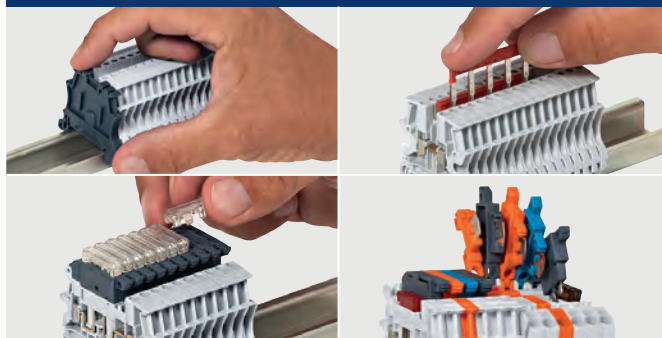
Enables copper and aluminium cables with cross sections from 35mm² to 300mm² to be connected directly or via lugs.

FEATURES

- Multiple mounting options: DIN rail, G rail or plate fixing
- Compatible with CAB 3 marking system
- Sealable to create weatherproof connections
- Separation barriers and protective covers available
- Provide facility for the termination of larger cables associated with long cable runs



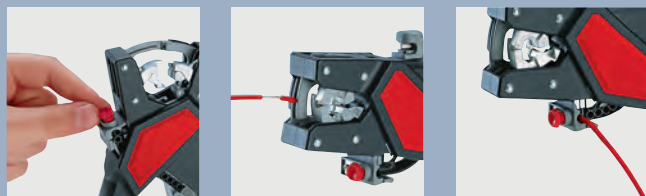
INTEGRATED ACCESSORIES



Common accessories across the screw and spring connection ranges include:

- End stops with screwless fixing
- Bridging comb with automatic insertion up to 8mm (screw) or 12mm (spring) widths
- Identification of blown fuses (12 / 48 V or 110 / 250 V)
- Additional functions can be added: standard, neutral or protected isolation, MCBs, automotive-type fuses, etc.

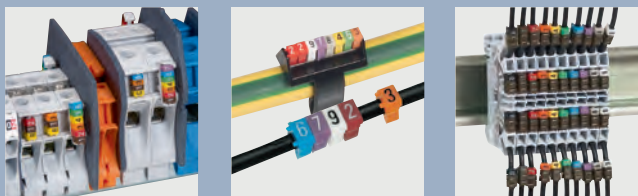
Perfect connections...



Create reliable connections in seconds with Starfix crimping tools and ferrules... everything you need for cable widths from 0.25mm² to 50mm².

See p. 78 to 79

clearly marked



CAB 3 offers a high quality solution to multiple cable and terminal block marking needs. Universal fittings enable clear, rapid marking and simple modification.

See p. 68 to 73

Viking 3 terminal blocks – screw connection

for copper cable

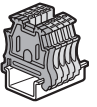

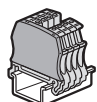
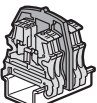



		Product detail p. 52-53		TERMINAL TYPE
0371 61 0371 63 0371 64 0371 66 0371 69 0371 68 0371 00 0371 08 0371 20 0371 30	Connection p. 52	1 connection - 1 entry/1 exit		
		1 connection - 2 entries/2 exits		
		2 connections on 2 levels		
		3 connections on 3 levels		
0371 71 0371 76 0371 78 0371 79	Protection p. 52	1 connection - 1 entry/1 exit - metal base		
		1 connection - 1 entry/1 exit - plastic base ¹		
		1 connection - 2 entries/2 exits - metal base		
0371 80 0371 81 0371 84 0371 86 0371 87	Disconnection p. 53	1 connection	Open (to be equipped)	
			For fuse cartridge 5 x 20 with handle lever	
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator	
			For neutral circuit with handle lever	
			For standard circuit	With handle lever With mini lever
			For circuit not broken	With handle lever With mini lever
			For fuse cartridge 5 x 20 with screwed plug	
0371 51 0371 52	For sensors and actuator p. 53 PNE p. 52	3 connections on 3 levels	Sensor	
			Actuator	
			Phase/Neutral/Earth	

1 : Can be used for protection conductor inside class II equivalent assemblies
 2 : Blown fuse indicator 12/24/48 V ~ Cat. No. 0375 24 or 110/250 V ~ Cat. No. 0375 25 (p. 59)
 3 : Or end stop Cat. No. 0375 10 (p. 58)

4 : Upper level only
 5 : Lower and intermediate levels

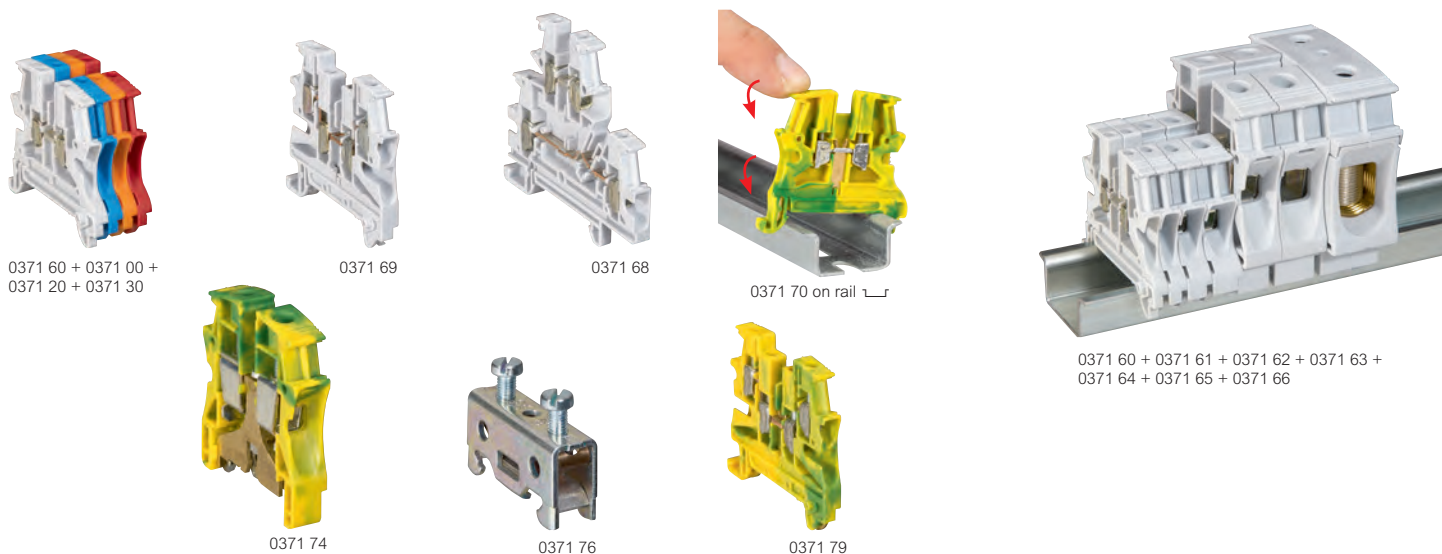
accessories

for Viking 3 terminal blocks - screw connection

TERMINAL BLOCK				INSULATION		BRIDGING COMBS					PROTECTION		MEASURE- MENT	ASSOCIATED PRODUCTS
Nominal cross section (mm ²)	Width (mm)	Colour	Cat. Nos.	End cap	Separation / insulation divider	Comb for 2 blocks, auto. front	Comb for 3 blocks, auto. front	Comb for 10 blocks, auto. front	Comb for 12 blocks, side	Bar for 12 blocks, front	Single pole screen	Cut to length screen	Test meter adaptor	
2-5	5	●	0371 60	0375 50 ³	0375 60	0375 02	-	0375 01	-	-	0375 65	0375 68	0375 27	 End stops p. 58
		●	0371 00											
		●	0371 20											
		●	0371 30											
4	6	●	0371 61	0375 50 ³	0375 60	0375 05	-	0375 04	-	-	0375 65	0375 68	0375 27	 Label holder for end stop p. 58
		●	0371 01											
		●	0371 21											
		●	0371 31											
		●	0371 77											
6	8	●	0371 62	0375 50 ³	0375 60	-	0375 07	-	-	-	0375 66	0375 68	0375 27	 End caps p. 58
		●	0371 02											
		●	0371 78											
10	10	●	0371 63	0375 50 ³	0375 60	-	-	-	-	0375 40	0375 66	0375 68	-	
		●	0371 03											
16	12	●	0371 64	0375 51	0375 61	-	-	-	-	0375 42	0375 67	0375 69	-	
		●	0371 04											
35	15	●	0371 65	0375 51	0375 61	-	-	-	-	0375 44	0375 67	0375 69	-	
		●	0371 05											
70	22	●	0371 66	built-in	-	-	-	-	-	-	-	-	-	-
		●	0371 09											
4	6	●	0371 69	0375 52	0375 62	0375 05	-	0375 04	-	-	-	-	0375 27	
		●	0371 09											
2-5	5	●	0371 67	0375 53	0375 63	0375 02	-	0375 01	-	-	-	-	0375 27 ⁴	
		●	0371 07											
4	6	●	0371 68	0375 53	0375 63	0375 05	-	0375 04	-	-	-	-	0375 27 ⁴	
		●	0371 08											
2-5	5	●	0371 51	0375 54	0375 54	0375 02 ⁴	-	0375 01 ⁴	0375 46 ⁵ 0375 47 ⁵	-	-	-	0375 27 ⁴	
		●	0371 70											
2-5	5	●	0371 70	0375 50 ³	-	-	-	-	-	-	-	-	-	 Dividers p. 58
		●	0371 71											
		●	0371 72											
		●	0371 73											
		●	0371 74											
		●	0371 75											
		●	0371 76											
4	6	●	0371 77	0375 50	0375 60	0375 05	-	0375 04	-	-	0375 65	0375 68	-	 Blown fuse indicators p. 59
		●	0371 78											
6	8	●	0371 78	0375 50	0375 60	-	0375 07	-	-	-	0375 66	0375 68	-	
		●	0371 79											
2-5	6	●	0371 80	0375 55	0375 62	0375 05	-	0375 04	-	-	-	-	0375 27	 Shielding p. 59
		●	0371 81											
		●	0371 81 + 0375 24 / 25 ²											
		●	0371 82											
		●	0371 83											
		●	0371 84											
		●	0371 85											
		●	0371 86											
		●	0371 87											
		●	0371 87											
10	12	●	0371 87	0375 56	-	-	-	-	-	-	-	-	-	
		●	0371 87											
2-5	5	●	0371 51	0375 54	0375 54	0375 02 ⁴	-	0375 01 ⁴	0375 46 ⁵ 0375 47 ⁵	-	-	-	0375 27 ⁴	 Starfix ferrules p. 78
		●	0371 52											

Viking 3 terminal blocks – screw connection

for copper cable



0371 60 + 0371 00 +
0371 20 + 0371 30

0371 69

0371 68

0371 70 on rail

0371 60 + 0371 61 + 0371 62 + 0371 63 +
0371 64 + 0371 65 + 0371 66

0371 74

0371 76

0371 79

Accessories **p. 58-59**
Technical characteristics **p. 60-61**

All V2 polyamide UL94 960 °C to IEC EN 60695-2-11
Compatible with either rigid (0.25 mm² to 95 mm²) or flexible (0.25 mm² to 70 mm²) copper cables
Facility for 2 bridging combs
Compatible with rails depth 15 mm and rails EN 60715 depth 7.5 mm and 15 mm
Range comprises only 2 block heights (2.5 mm² to 10 mm² and 16 mm² to 70 mm²) ensuring a neat installation

Pack	Cat. Nos.	Connection				
		Grey for standard circuit Blue for neutral conductor Orange for circuit not broken by the master isolating device Red for special circuits (safety, protected, etc)				
		1 connection - 1 entry/1 exit				
		Colour	Nominal cross section (mm ²)	Capacity Rigid cable (mm ²)	Capacity Flexible cable (mm ²)	Width (mm)
60	0371 60	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5
60	0371 00	Blue ●				
60	0371 20	Orange ●				
60	0371 30	Red ●				
50	0371 61	Grey ●				
50	0371 01	Blue ●	4	0.25 to 6	0.25 to 4	6
50	0371 21	Orange ●				
50	0371 31	Red ●				
40	0371 62	Grey ●	6	0.5 to 10	0.25 to 6	8
40	0371 02	Blue ●				
30	0371 63	Grey ●	10	1.5 to 16	2.5 to 10	10
30	0371 03	Blue ●				
20	0371 64	Grey ●	16	1.5 to 25	4 to 16	12
20	0371 04	Blue ●				
20	0371 65	Grey ●	35	2.5 to 50	4 to 35	15
20	0371 05	Blue ●				
10	0371 66 ¹	Grey ●	70	25 to 95	16 to 70	22
		1 connection - 2 entries/2 exits				
25	0371 69	Grey ●	4	0.25 to 6	0.25 to 4	6
25	0371 09	Blue ●				
		2 connections on 2 levels				
60	0371 67	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5
60	0371 07	Blue ●				
60	0371 68	Grey ●	4	0.25 to 6	0.25 to 4	6
60	0371 08	Blue ●				
		3 connections on 3 levels				
50	0371 51 ²	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5



Pack	Cat. Nos.	Protection				
		1 connection - 1 entry/1 exit - metal base				
		Screwless fixing on rail up to 10 mm width PEN from 10 mm ²				
		Colour	Nominal cross section (mm ²)	Capacity Rigid cable (mm ²)	Capacity Flexible cable (mm ²)	Width (mm)
60	0371 70	Green/yellow ●	2.5	0.25 to 4	0.25 to 2.5	5
50	0371 71	Green/yellow ●	4	0.25 to 6	0.25 to 4	6
40	0371 72	Green/yellow ●	6	0.5 to 10	0.25 to 6	8
30	0371 73	Green/yellow ●	10	1.5 to 16	2.5 to 10	10
10	0371 74	Green/yellow ●	16	1.5 to 25	4 to 16	12
10	0371 75	Green/yellow ●	35	2.5 to 50	4 to 35	15
		1 connection - bare block - metal base				
10	0371 76	-	35	2.5 to 50	4 to 35	15
		1 connection - 2 entries/2 exits - metal base				
		Screwless fixing on rail				
50	0371 79	Green/yellow ●	4	0.25 to 6	0.25 to 4	6
		1 connection - 1 entry/1 exit - plastic base				
		Can be used for protection conductor inside class II equivalent assemblies				
50	0371 77	Green ●	4	0.25 to 6	0.25 to 4	6
40	0371 78	Green ●	6	0.5 to 10	0.25 to 6	8
		PNE - Phase/Neutral/Earth				
		3 connections on 3 levels - metal base				
		Green/yellow marking for the lower level Screwless fixing on rail				
		Colour	Nominal cross section (mm ²)	Capacity Rigid cable (mm ²)	Capacity Flexible cable (mm ²)	Width (mm)
50	0371 52 ²	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5



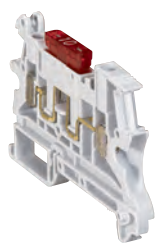
CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**



1 : Built-in end cap
2 : Cable capacity - 2.5 mm² max. only when used with bridging comb

Viking 3 terminal blocks – screw connection

for copper cable (continued)



0371 80 + automotive-type fuse



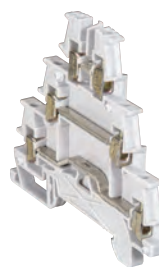
0371 82 + 0371 83 +
0371 85



0371 84 + 0371 86



0371 87



0371 51



0371 52

Accessories **p. 58-59**
Technical characteristics **p. 60-61**

All V2 polyamide UL94 960 °C to IEC EN 60695-2-11
Compatible with either rigid (0.25 mm² to 95 mm²) or flexible (0.25 mm² to 70 mm²) copper cables
Facility for 2 bridging combs
Compatible with rails depth 15 mm and rails EN 60715 depth 7.5 mm and 15 mm
Range comprises only 2 block heights (2.5 mm² to 10 mm² and 16 mm² to 70 mm²) ensuring a neat installation

Pack	Cat. Nos.	Disconnection				
		1 connection				
		Disconnection by means of blade type lever, handle lever or mini lever (with tool)				
		Open (to be equipped)				
		Can take a blade-type automotive fuse or a miniature circuit breaker				
		Colour	Nominal cross section (mm ²)	Capacity		Width (mm)
				Rigid cable (mm ²)	Flexible cable (mm ²)	
20	0371 80	Grey ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For fuse cartridge 5 x 20 with handle lever				
20	0371 81	Grey ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For neutral circuit with blue handle lever				
20	0371 82	Grey/blue ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with handle lever				
20	0371 83	Grey ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with mini lever				
20	0371 84	Grey ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For circuit not broken with handle lever				
		Circuit not broken by the master isolating device				
20	0371 85	Orange ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For circuit not broken with mini lever				
		Circuit not broken by the master isolating device				
20	0371 86	Orange ●	2.5	0.25 to 2.5	0.25 to 2.5	6
		For cartridge 5 x 20 with screwed plug				
20	0371 87	Grey ●	10	0.25 to 16	0.25 to 10	12

Blown fuse indicators p. 59

Pack	Cat. Nos.	Blocks for sensors and actuators				
		For connecting sensors (Cat. No. 0371 51) or actuators (Cat. No. 0371 52), and their shared power supply unit when using equipotential bridging comb				
		Cat. Nos. 0375 46/47 (wiring diagram p. 59)				
		3 connections on 3 levels - for sensor				
		Colour	Nominal cross section (mm ²)	Capacity		Width (mm)
				Rigid cable (mm ²)	Flexible cable (mm ²)	
50	0371 51 ¹	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5
		3 connections on 3 levels - for actuator				
		Green/yellow marking for the lower level				
		Metal base. Screwless fixing on rail				
50	0371 52 ¹	Grey ●	2.5	0.25 to 4	0.25 to 2.5	5



Accessories p. 58-59

End stops p. 58

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**



1 : Rigid cable capacity - 2.5 mm² max. only when used with bridging comb

Viking 3 terminal blocks – spring connection

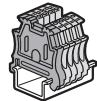
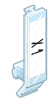
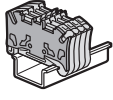
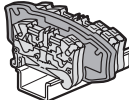
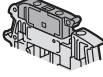


for copper cable

		Product detail p. 56-57		TERMINAL TYPE		
0372 60 0372 61 0372 64 0372 40 0372 69 0372 68 0372 02 0372 47 0372 21 0372 42	Connection p. 56	1 connection - 1 entry/1 exit				
		1 connection - 1 entry/2 exits				
		1 connection - 2 entries/2 exits				
		2 connections - 2 levels				
0372 70 0372 71 0372 72 0372 12	Protection p. 56	1 connection - 1 entry/1 exit - metal base				
		1 connection - 1 entry/2 exits - metal base				
		1 connection - 2 entries/2 exits - metal base				
0372 80 0372 82 0372 83 0372 84	Disconnection p. 57	1 connection	Open (to be equipped)			
			For fuse cartridge 5 x 20 with handle lever			
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator			
			For neutral circuit with handle lever			
			For standard circuit	With handle lever		
				With mini lever		
For circuit not broken	With handle lever					
	With mini lever					
0372 54	Function blocks p. 57	1 connection - 2 entries/2 exits	Diode carrier 1N4007			
		2 connections - 2 entries	Diode carrier 1N4007			
			With voltage presence LED			

1 : Blown fuse indicator 12/24/48V~ /~ Cat. No. 0375 24 or 110/250V~ Cat. No. 0375 25 (p. 59)
 2 : Lower level only
 3 : Upper level only

accessories

for Viking 3 terminal blocks - spring connection

TERMINAL BLOCK				INSULATION		BRIDGING COMBS			MEASUREMENT	ASSOCIATED PRODUCTS						
Nominal cross section (mm ²)	Width (mm)	Colour	Cat. Nos.	End cap	Separation and insulation divider	Comb for 2 blocks	Comb for 3 blocks	Comb for 10 blocks	Test meter adaptor							
4	5	●	0372 60	0375 86	0375 95	0375 02	-	0375 01	0375 27	 End stops p. 58						
		●	0372 00													
		●	0372 20													
	6	●	0372 61								built-in	0375 95	0375 05	-	0375 04	0375 27
		●	0372 01													
		●	0372 21													
6	8	●	0372 62	built-in	-	-	0375 07	-	0375 27							
		●	0372 02													
10	10	●	0372 63	built-in	-	0375 82	-	-	-		 Label holder for end stop p. 58					
		●	0372 03													
16	12	●	0372 64	built-in	-	0375 85	-	-	-							
		●	0372 04													
4	5	●	0372 40	0375 87	0375 95	0375 02	-	0375 01	0375 27	 End caps p. 58						
		●	0372 41													
		●	0372 42													
4	6	●	0372 43	built-in	0375 95	0375 05	-	0375 04	0375 27							
		●	0372 44													
4	5	●	0372 46	0375 88	0375 95	0375 02	-	0375 01	0375 27							
		●	0372 47													
4	6	●	0372 69	built-in	-	0375 05	-	0375 04	0375 27							
		●	0372 09													
4	5	●	0372 67	0375 89	0375 96	0375 02	-	0375 01	0375 27 ³		 Dividers p. 58					
		●	0372 07													
4	6	●	0372 68	built-in	0375 96	0375 05	-	0375 04	0375 27 ³							
		●	0372 08													
4	5	●	0372 70	0375 86	-	-	-	-	-	 Blown fuse indicators p. 59						
		●	0372 71													
		●	0372 72													
		●	0372 73													
		●	0372 74													
4	5	●	0372 10	0375 87	-	-	-	-	-							
		●	0372 11													
		●	0372 12													
		●	0372 79													
2-5	6	●	0372 80	0375 90	-	0375 05	-	0375 04	0375 27		 Shielding p. 59					
		●	0372 81													
		●	0372 81 + 0375 24/25 ¹													
		●	0372 82													
		●	0372 83													
		●	0372 84													
		●	0372 85													
		●	0372 86													
		●	0372 54													
		●	0372 55													
●	0372 56															
4	5	●	0372 54	0375 88	0375 95	0375 02	-	0375 01	-	 Starfix ferrules p. 78						
		●	0372 55													
		●	0372 56													
4	5	●	0372 54	0375 88	0375 95	0375 02	-	0375 01	-							
		●	0372 55													
		●	0372 56													
4	5	●	0372 54	0375 89	0375 96	0375 02	-	0375 01	-							
		●	0372 55													
		●	0372 56													
4	5	●	0372 54	0375 89	0375 96	0375 02 ²	-	0375 01 ²	-							
		●	0372 55													
		●	0372 56													

Viking 3 terminal blocks – spring connection

for copper cable



0372 60 + 0372 00 + 0372 20



0372 01



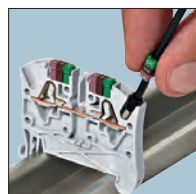
0372 21



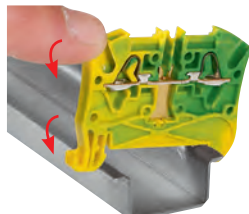
0372 63



0372 40



Automatic insertion of stripped cable with ferrule cap or rigid cable up to width of 6 mm



0372 70
Automatic fixing on rail



0372 72



0372 79

Accessories **p. 58-59**
Technical characteristics **p. 62-63**

Screwless connection system, stainless steel spring type
Compatible with either 2 rigid copper cables or flexible cables (0.5 mm² - 16 mm²) with or without ferrules (p. 78)
Direct tool-free insertion of a rigid cable. Direct tool-free insertion of a flexible cable with ferrule, up to 6 mm width
Facility for 2 bridging combs
Compatible with rails EN 60715 depth 7.5 mm and 15 mm

Pack	Cat. Nos.	Connection					
		Grey for standard circuit Blue for neutral conductor Orange for circuit not broken by the master isolating device					
		1 connection - 2 cables - 1 entry/1 exit					
		Colour	Nominal cross section (mm ²)	Rigid cable (mm ²)	Capacity Flexible cable (mm ²)	Flexible cable with ferrule (mm ²)	Width (mm)
60	0372 60	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 00	Blue					
60	0372 20	Orange					
50	0372 61 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0372 01 ¹	Blue					
50	0372 21 ¹	Orange					
50	0372 62 ¹	Grey	6	0.5 to 6	0.5 to 6	0.5 to 6	8
50	0372 02 ¹	Blue					
40	0372 63 ¹	Grey	10	0.75 to 10	0.75 to 10	0.75 to 10	10
40	0372 03 ¹	Blue					
10	0372 64 ¹	Grey	16	4 to 16	4 to 16	4 to 16	12
10	0372 04 ¹	Blue					
		1 connection - 3 cables - 1 entry/2 exits					
60	0372 40	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 41	Blue					
60	0372 42	Orange					
50	0372 43 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0372 44 ¹	Blue					
		1 connection - 4 cables - 2 entries/2 exits					
60	0372 46	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 47	Blue					
50	0372 69 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0372 09 ¹	Blue					
		2 connections - 4 cables - 2 levels					
60	0372 67	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 07	Blue					
50	0372 68 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	0372 08 ¹	Blue					

1 : Built-in end cap

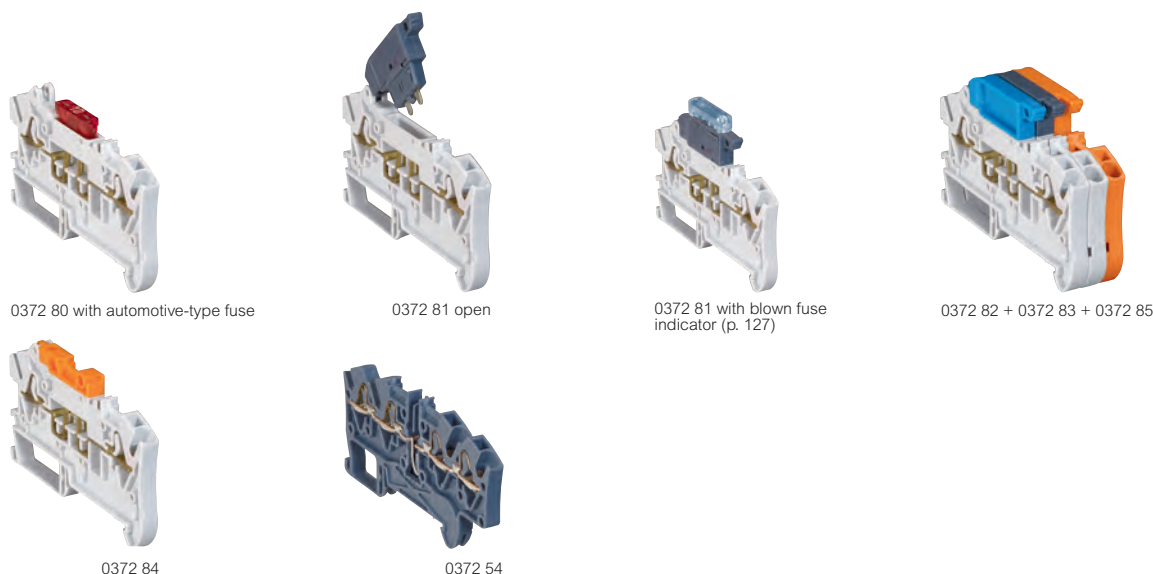
Pack	Cat. Nos.	Protection					
		Metal base Screwless fixing on rail PEN from 10 mm ²					
		1 connection - 2 cables - 1 entry/1 exit					
		Colour	Nominal cross section (mm ²)	Rigid cable (mm ²)	Capacity Flexible cable (mm ²)	Flexible cable with ferrule (mm ²)	Width (mm)
60	0372 70	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
50	0372 71 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
25	0372 72 ¹	Green/yellow	6	0.5 to 6	0.5 to 6	0.5 to 6	8
20	0372 73 ¹	Green/yellow	10	0.75 to 10	0.75 to 10	0.75 to 10	10
15	0372 74 ¹	Green/yellow	16	4 to 16	4 to 16	4 to 16	12
		1 connection - 3 cables - 1 entry/2 exits					
40	0372 10	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0372 11 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
		1 connection - 4 cables - 2 entries/2 exits					
40	0372 12	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0372 79 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**



Viking 3 terminal blocks – spring connection

for copper cable (continued)



Accessories **p. 58-59**
 Technical characteristics **p. 62-63**

Screwless connection system, stainless steel spring type
 Compatible with either 2 rigid copper cables or flexible cables (0.5 mm² - 16 mm²) with or without ferrules (p. 78)
 Direct tool-free insertion of a rigid cable. Direct tool-free insertion of a flexible cable with ferrule, up to 6 mm width
 Facility for 2 bridging combs
 Compatible with rails EN 60715 depth 7.5 mm and 15 mm

Pack	Cat. Nos.	Disconnection					
		1 connection - 2 cables					
		Disconnection by means of blade type lever, handle lever or mini lever (with tool)					
		Open (to be equipped)					
		Can take a blade-type automotive fuse or a miniature circuit breaker					
			Capacity				
		Colour	Nominal cross section (mm ²)	Rigid cable (mm ²)	Flexible cable (mm ²)	Flexible cable with ferrule (mm ²)	Width (mm)
20	0372 80	Grey ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 81	Grey ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 82	Grey/blue ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 83	Grey ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 84	Grey ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 85	Orange ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0372 86	Orange ●	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6

Blown fuse indicators p. 59

Pack	Cat. Nos.	Function blocks					
		1 connection - 4 cables - 2 entries/2 outlets - diode-carrier					
			Nominal cross section (mm ²)	Rigid cable (mm ²)	Capacity		Width (mm)
		Colour			Flexible cable (mm ²)	Flexible cable with ferrule (mm ²)	
60	0372 54	Grey ●	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 55	Grey ●	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0372 56	Grey ●	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5

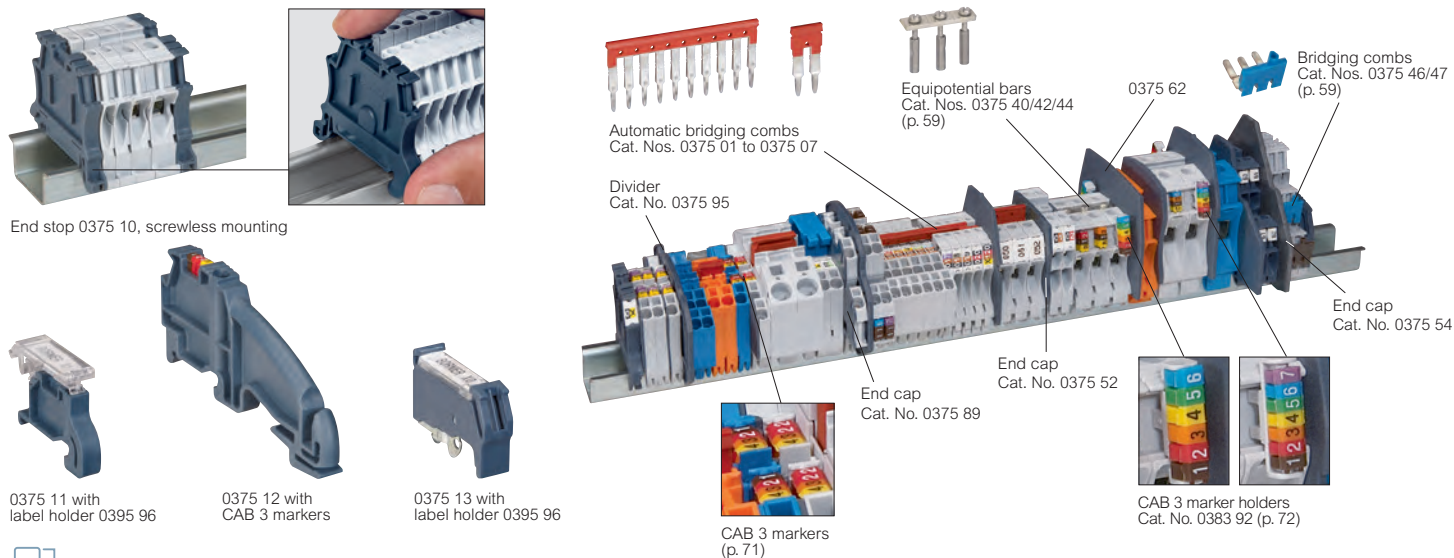
Accessories p. 58-59

End stops p. 58

CAB 3 marking system **p. 70-73**
 Starfix ferrules and crimping tools **p. 78-79**



Viking 3 accessories for terminal blocks



Technical characteristics p. 63

Pack	Cat. Nos.	Rails
10	0374 04	Length 2 m
10	0374 07	EN 60715 depth 7.5 mm
		depth 15 mm
10	0394 49	45° mounting bracket Set of 2 supports for tilting a rail at an angle of 45° Supplied with 4 x M6 screws, nuts and washers
50	0375 10	End stops Grey Compatible with CAB 3 marking system 6 mm width Screwless mounting For rails EN 60715 depth 15 mm and EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat. No. 0395 96 Acts as end cap for screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width
20	0375 11	8 mm width For rails EN 60715 depth 15 mm and EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat. No. 0395 96
10	0375 12	10 mm width For rails EN 60715 depth 15 mm and EN 60715 depth 7.5 mm (except for rail fixed on plate) and 15 mm - IP 2X terminal block with flat steel bar 12 x 2 mm Cat. No. 0048 19 (p. 40) - Copper bar 12 x 4 mm Cat. No. 0373 89 (p. 43) - Shielding bar 10 x 3 mm Cat. No. 0375 34 (p. 59)
20	0375 13	12 mm width For rails EN 60715, EN 60715 depth 15 mm and EN 60715 depth 7.5 mm and 15 mm
20	0395 96	Identification accessories Transparent label holder With variable angle Fixing on end stops Cat. Nos. 0375 10/11 Supplied with label 32 x 9.5 mm Compatible with label Cat. No. 0395 97
20	0395 97	Label For engraving 28 x 9.5 mm For label holder Cat. No. 0395 96. Flexible ABS White background, black engraving
10	0395 98	Black felt tip pen For permanent marking

Pack	Cat. Nos.	End caps
		Grey
100	0375 50	For screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width
20	0375 51	1 entry/1 exit 12 and 15 mm width
20	0375 52	2 entries/2 exits
20	0375 53	2 levels
20	0375 54	3 levels
20	0375 55	Disconnection terminal 6 mm width and function blocks 5 mm width
20	0375 56	Disconnection terminal fuse cartridge 5 x 20 with screwed plug
10	0375 57	Disconnection for measurement
50	0375 86	For spring terminal blocks with 5 mm width 5 mm pitch block becomes 6 mm pitch with end cap fitted Permits termination of a 4 mm ² cable complete with ferrule 1 entry/1 exit
50	0375 87	1 entry/2 exits
20	0375 88	2 entries/2 exits
20	0375 89	2 levels
20	0375 90	For spring terminal blocks with 6 mm width Disconnection type
20	0375 60	Separation and insulation dividers Grey For screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width
10	0375 61	1 entry/1 exit 12 and 15 mm width
10	0375 62	2 entry/2 exits and disconnection 6 mm width blocks
10	0375 63	2 levels
10	0375 95	For spring terminal blocks 1 entry/1 exit, 1 entry/2 exits and 2 entry/2 exits 5 and 6 mm width
10	0375 96	2 levels
20	0375 01'	Bridging accessories Bridging combs for screw and spring terminal blocks Front mounting (automatic insertion), screwless Isolated and separable. Consecutive or alternating connection. Red
50	0375 02'	For 10 blocks with 5 mm width
20	0375 04'	For 2 blocks with 5 mm width
50	0375 05'	For 10 blocks with 6 mm width
20	0375 07'	For 2 blocks with 6 mm width
20	0375 07'	For 3 blocks with 8 mm width

CAB 3® marking system p. 70-73

1 : Blocks Cat. Nos. 0371 51/52 : upper level only
Block Cat. No. 0372 56 : lower level only

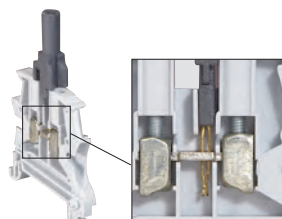
Viking 3 accessories for terminal blocks (continued)



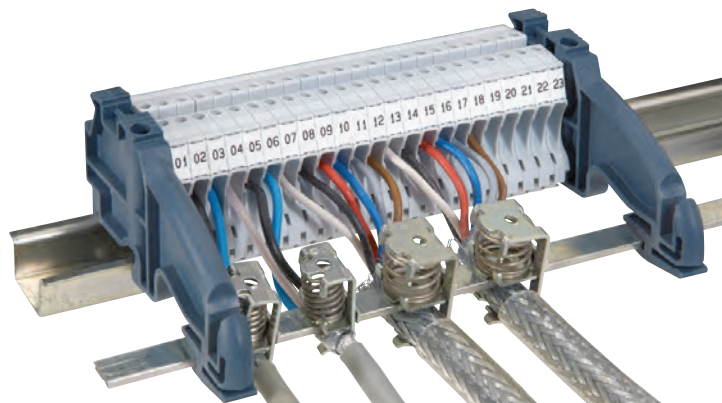
0372 81 (p. 57) + 0375 24



0371 63/0371 03 (p. 52) + 0375 66



0371 61 (p. 52) + 0375 27



Shielding terminal block with end stops Cat. No. 0375 12 (p. 58), shielding bar Cat. No. 0375 34 and clamps Cat. Nos. 0375 30/31

Technical characteristics p. 63

Pack	Cat. Nos.	Bridging accessories (continued)
		Bars for screw terminal blocks Front mounting with screws. Pre-assembled Consecutive or alternating connection
10	0375 40	For 12 blocks with 10 mm width
10	0375 42 ¹	For 12 blocks with 12 mm width
10	0375 44	For 12 blocks with 15 mm width
		Bridging combs for 3-level screw terminal blocks For lower and intermediate levels of blocks Cat. Nos. 0371 51/52 (p. 121). Side mounting Isolated and separable
10	0375 46	Brown. For 12 blocks with 5 mm width
10	0375 47	Blue. For 12 blocks with 5 mm width
		Bridging combs for spring terminal blocks Front mounting (automatic insertion), screwless Isolated. Red
20	0375 82	For 2 blocks with 10 mm width
20	0375 85	For 2 blocks with 12 mm width
		Accessories for disconnection blocks For screw and spring terminal blocks
		Blown fuse indicators Clip directly on to blocks Cat. Nos. 0371 81 (p. 52) or 0372 81 (p. 53)
50	0375 24	12/24/48 V _~ / \sim for block with fuse cartridge 5 x 20 with handle lever
50	0375 25	110/250 V _~ for block with fuse cartridge 5 x 20 with handle lever

Pack	Cat. Nos.	Shielding accessories
		Ensure safe, simple connection of cable shielding
		Shielding clamps For screw and spring terminal blocks - mounted by pivoting on collector bar 10 x 3 mm Cat. No. 0375 34 - mounted on plate with M4 screws (supplied) - mounted on rail with Cat. No. 0364 69 (p. 58)
10	0375 30	For cable diameter 3 to 8 mm
10	0375 31	For cable diameter 4 to 13.5 mm
4	0375 32	For cable diameter 10 to 20 mm
		Shielding bar For screw and spring terminal blocks. Steel. Length 1 m For use with end stop Cat. No. 0375 12 (p. 58) 10 x 3 mm
10	0375 34	
50	0375 35	Screening continuity bracket For screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width Connected with 2.8 x 0.8 mm clips or welded on. Capacity : 1 mm ²
		Protective screens
		1 pole For screw terminal blocks 1 entry/1 exit
10	0375 65	5 and 6 mm width
10	0375 66	8 and 10 mm width
10	0375 67	12 and 15 mm width
		Cut to length Length 1 m Mounted on separation and insulation divider For screw terminal blocks 1 entry/1 exit
10	0375 68	5, 6, 8 and 10 mm width (divider Cat. No. 0375 60, p. 58)
10	0375 69	12 and 15 mm width (divider Cat. No. 0375 61, p. 58)
		Test meter adaptor
10	0375 27 ²	For screw and spring terminal blocks Measurement socket for \varnothing 4 mm plug for blocks with 5 and 6 mm width

1 : Except for Cat. No. 0371 87 (p. 53)

2 : Except for disconnection blocks with handle lever, screw terminal block with LED and spring function blocks. 2 and 3-level terminal blocks : upper level only

Viking 3 terminal blocks – screw connection

Characteristics and dimensions (mm)

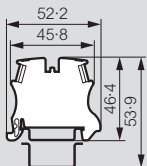
V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11

Connection blocks

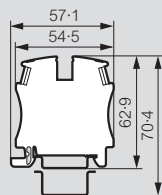
Cat. Nos.	Voltage (V)			Current (A)				Nominal cross section		
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0371 00/20/30/60	800	600	600	27	24	20	20	2.5	12	12
0371 01/21/31/61				36	32	30	30	4	10	10
0371 02/62				48	41	50	50	6	8	8
0371 03/63				63	57	60	60	10	6	6
0371 04/64				85	76	85	85	16	4	4
0371 05/65				138	125	115	115	35	2	2
0371 07/67	500	300	300	27	24	20	20	2.5	12	12
0371 08/68				36	32	30	30	4	10	10
0371 09/69				36	32	30	30	4	10	10
0371 66	1000	600	600	213	192	200	200	70	000	000
0371 77	800	600	600	36	32	30	30	4	10	10
0371 78				48	41	50	50	6	8	8

Cat. No. 0371 51 : see blocks for sensors
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059
le: Rated current NF C 15100 table 52H, column 4

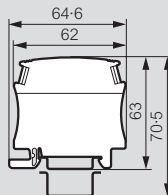
Cat. Nos. 0371 00/01/
02/03/20/21/30/31/60/
61/62/63/77/78



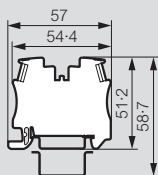
Cat. Nos. 0371 04/05/64/65



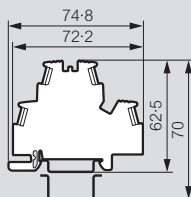
Cat. No. 0371 66



Cat. Nos. 0371 09/69



Cat. Nos. 0371 07/08/67/68



Approved by ATEX : LCIE 07 ATEX 0010 U-0081 II 1 or 2 G or D Ex e/i/tD/iD II

The terminal blocks with screw connection covered by this certificate are 1-, 2- and 3-level connection terminal blocks, and protection blocks with metal¹ and plastic base (detailed list on p. 118)

The main characteristics are :
Operating temperature : -30 °C to +55 °C
Maximum temperature of materials : +85 °C

Working voltage acc. to EN 60079-7 : 1-level terminal blocks : 500 V
Blocks with 2 entries - 2 exits : 250 V
2 and 3-level terminal blocks : 250 V

Rated current:

Conductor cross section (mm ²)	2.5	4	6	10	16	35	70
Rated current (A)	18	23	30	42	57	93	144

Certificate of conformity of components is available on request

1 : Except for Cat. No. 0371 76

Protection blocks

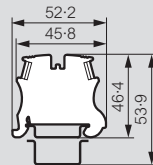
Cat. Nos.	Voltage (V)			Nominal cross section		
	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0371 70	800	600	600	2.5	12	12
0371 71				4	10	10
0371 72				6	8	8
0371 73 ¹				10	6	6
0371 74 ¹				16	4	4
0371 75 ¹				35	2	2
0371 76	-	-	-	35	-	-
0371 77	800	600	600	4	10	10
0371 78				6	8	8
0371 79				4	10	10

IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059

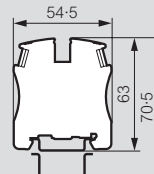
1 : PEN terminal blocks

Cat. Nos.

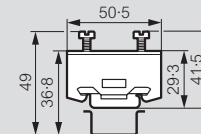
0371 70/71/72/73



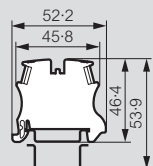
Cat. Nos. 0371 74/75



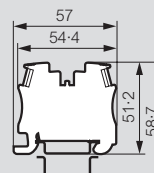
Cat. No. 0371 76



Cat. Nos. 0371 77/78



Cat. No. 0371 79



Disconnection blocks

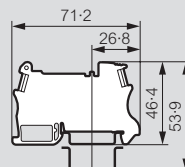
Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0371 80	500	300	300	15	15	15	2.5	12	12
0371 81 or 0371 80	250	250	250	6.3	6.3	6.3			
0371 82	500	300	300	15	15	15			
0371 83									
0371 84									
0371 85									
0371 86	250	250	250	10	10	10			
0371 87									

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

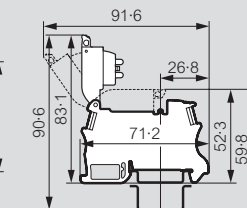
Power according to EN 60947-7-3

Cat. Nos.	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0371 81 or 0371 80	4 W / 6.3 A	1.6 W/6.3 A	1.6 W/6.3 A	-
	Pvk = 4.75 W	Pvk = 2 W	Pv = 1.65 W	-
0371 87	4 W	2.5 W	1.6 W	-
	Pvk = 5 W	Pvk = 2.7 W	Pv = 1.8 W	-

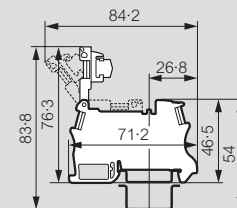
Cat. No. 0371 80



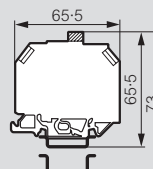
Cat. Nos. 0371 81/82/83/85



Cat. Nos. 0371 84/86



Cat. No. 0371 87

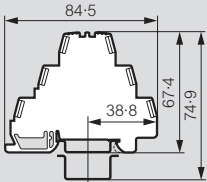


Blocks for sensors and actuators/PNE

Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section			
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0371 51 0371 52	400	300	300	27	24	20	20	2.5	12	12

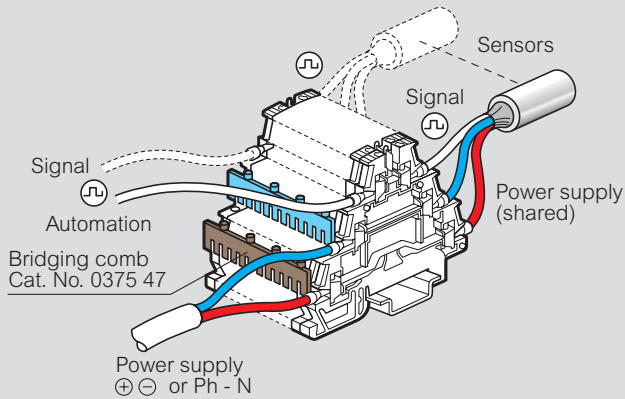
IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059
Ie: Rated current NF C 15100 table 52H, column 4

Cat. Nos. 0371 51/52

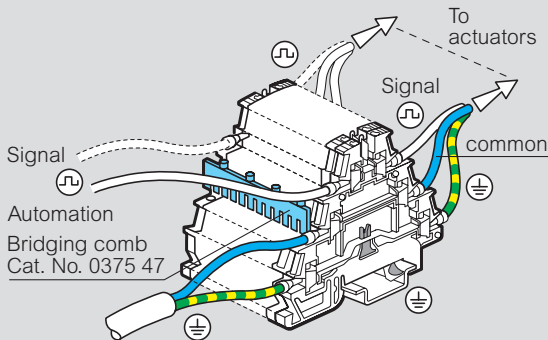


Wiring diagram

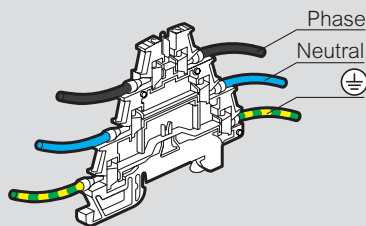
Block for sensor Cat. No. 0371 51



Block for actuator Cat. No. 0371 52



PNE block Cat. No. 0371 52



Stripped lengths (mm)

Screw terminal width (mm)	Rigid or flexible cable
5	
6	6 to 8
8	
10	10 to 12
12	13 to 17
15	14 to 18
22	15 to 22

Protection against fire and panic risks in public buildings/UTE C 12-201 guide

Art. EL 3, definitions : "Security installations are those that have to be put into or maintained in service to ensure the evacuation of the public" or facilitate the intervention of the first-aid

Art. EL 16, power supply circuits in security installations section 1a: "...the corresponding junction or deviation devices and their enclosures except for the waterproofing systems must satisfy the incandescent cable test defined in the standard in force, the temperature of the incandescent cable being 960 °C"

Viking 3 terminal blocks satisfy the incandescent cable test 960 °C according to standard IEC 60695-2-11

Viking 3 terminal blocks – spring connection

Characteristics and dimensions (mm)

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11

Connection blocks

Cat. Nos.	Voltage (V)			Current (A)				Nominal cross section		
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0372 00	800	600	600	36	32	20	20	4	12	12
0372 01				48	41	30	30	6	10	10
0372 02				63	57	50	50	10	8	8
0372 03				85	76	65	65	16	6	6
0372 04										
0372 07	800	600	600	36	32	20	20	4	12	12
0372 08										
0372 09										
0372 20										
0372 21										
0372 40										
0372 41										
0372 42										
0372 43										
0372 44										
0372 46	500	300	300	36	32	30	30	4	10	10
0372 60										
0372 61										
0372 62										
0372 63										
0372 64	800	600	600	36	32	30	30	4	10	10
0372 67										
0372 68										
0372 69										
0372 69										

IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059
le: Rated current NF C 15100 table 52H, column 4

Protection blocks

Cat. Nos.	Voltage (V)			Nominal cross section		
	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0372 10	800	600	600	4	10	10
0372 11						
0372 12						
0372 70						
0372 71						
0372 72						
0372 73 ¹						
0372 74 ¹						
0372 79						
0372 79						

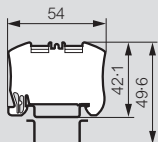
IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
1 : PEN terminal blocks

Function blocks

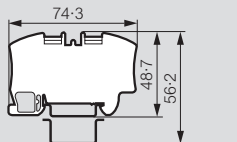
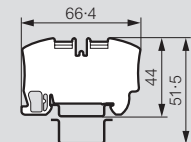
Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0372 54	500	300	300	1	1	1	4	14	14
0372 55									
0372 56									

IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

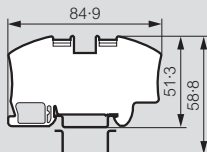
Cat. Nos. 0372 00/01/
20/21/60/61/70/71



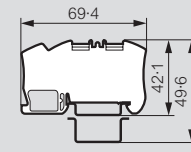
Cat. Nos. 0372 02/62/72



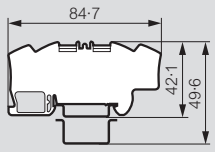
Cat. Nos. 0372 04/
64/74



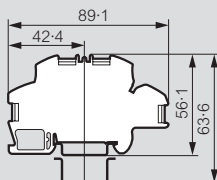
Cat. Nos. 0372 10/11/
40/41/42/43/44



Cat. Nos. 0372 09/12/
46/47/54/69/79

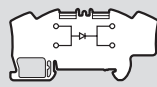


Cat. Nos. 0372 07/08/55/56/67/68

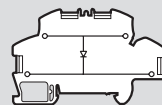


Function block schematic diagrams

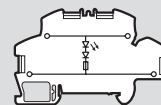
Cat. No. 0372 54



Cat. No. 0372 55



Cat. No. 0372 56



Diode for Cat. Nos. 0372 54/55

- 1N4007 type 1 A
- direct current = 1 A
- peak inverse voltage 1000 V
- inverse current 5 µA at 25 °C

Approved by ATEX :

LCIE 07 ATEX 0010 U-0081 Ex II 1 or 2 G or D Ex e/i/tD/iD II

The terminal blocks with spring connection covered by this certificate are 1- and 2-level connection terminal blocks, and blocks for protection conductor with metal base (detailed list on p. 120)

The main characteristics are :

- Operating temperature : -30 °C to +55 °C
- Maximum temperature of materials : +85 °C

Working voltage acc. to EN 60079-7 : 1-level terminal blocks : 500 V
Blocks with 2 entries - 2 exits : 500 V
2-level terminal blocks : 250 V

Rated current:

Conductor cross section (mm ²)	4	6	10	16
Rated current (A)	23	30	42	57

Certificate of conformity of components is available on request

Disconnection blocks

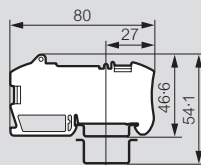
Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
0372 80	500	300	300	15	15	15	2.5	14	14
0372 81 or 0372 80	250	250	250	6.3	6.3	6.3			
0372 82	500	300	300	15	15	15			
0372 83									
0372 84									
0372 85									
0372 86									

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

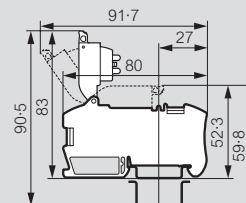
Power according to EN 60947-7-3

Cat. Nos.	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0372 81 or 0372 80	4 W / 6.3 A P _{vk} = 4.75 W	1.6 W / 6.3 A P _{vk} = 2 W	1.6 W / 6.3 A P _v = 1.65 W	-

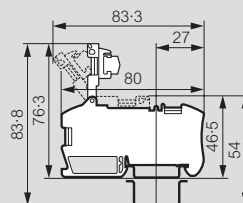
Cat. No. 0372 80



Cat. Nos. 0372 81/82/83/85



Cat. No. 0372 84/86



Viking 3 accessories for terminal blocks

Stripped lengths (mm)

Spring terminal width (mm)	Rigid or flexible cable
5	8 to 12
6	
8	
10	
12	

Protection against fire and panic risks in public buildings/UTE C 12-201 guide

Art. EL 3, definitions : "Security installations are those that have to be put into or maintained in service to ensure the evacuation of the public" or facilitate the intervention of the first-aid

Art. EL 16, power supply circuits in security installations section 1a: "...the corresponding junction or deviation devices and their enclosures except for the waterproofing systems must satisfy the incandescent cable test defined in the standard in force, the temperature of the incandescent cable being 960 °C"

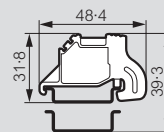
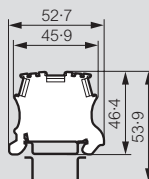
Viking 3 terminal blocks satisfy the incandescent cable test 960 °C according to standard IEC 60695-2-11

Characteristics and dimensions (mm)

End stops

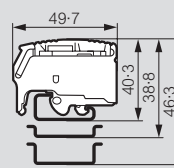
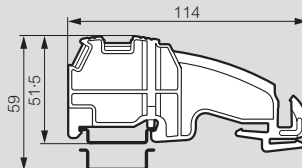
Cat. No. 0375 10

Cat. No. 0375 11



Cat. No. 0375 12

Cat. No. 0375 13



End caps

Cat. Nos.	Thickness (mm)
0375 50	2
0375 51	2.5
0375 52	2
0375 53	2
0375 54	2.5
0375 55	2
0375 56	1.4
0375 57	1.4
0375 86	1
0375 87	1.1
0375 88	1.1
0375 89	1.1
0375 90	2

Separation and insulation dividers

Cat. Nos.	Thickness (mm)
0375 54	2.5
0375 60	2.5
0375 61	2.6
0375 62	2.5
0375 63	2.5
0375 95	2.8
0375 96	2.7

Bridging combs/bars

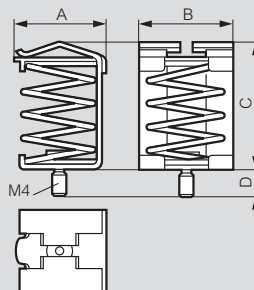
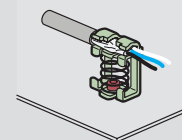
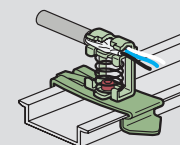
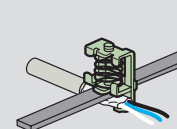
Cat. Nos.	Cross-section (mm ²)
0375 01	2.5
0375 02	2.5
0375 04	4
0375 05	4
0375 07	6
0375 40	10
0375 42	16
0375 44	35
0375 46	2.5
0375 47	2.5
0375 82	10
0375 85	16

Shielding accessories

Mounting on bar
10 x 3
Cat. No. 0375 34

Mounting on rail
with accessory
Cat. No. 0364 69¹

Mounting on plate



Cat. Nos.	A	B	C	D
0375 30	13.5	18	26	5.6
0375 31	20	20.3	31.4	5.3
0375 32	24.8	26	40	5.3

¹ : See enclosures equipment and fixing accessories p. 24

Viking 3 heavy duty terminal blocks

selection chart

	TERMINAL TYPE		TERMINAL BLOCK				INSULATION Separation and insulation divider	BRIDGING COMB Shunt	PROTECTION		ASSOCIATED PRODUCTS CAB 3 marking system p. 70
			Max. connection (mm ²)	Width (mm)	Cat. Nos.				Cover 4 blocks	Cover 3 blocks	
					Rail	Rail					
 0390 11 0390 14 Heavy duty terminal blocks p. 65	Cable - cable	-	42	0390 10	-	-	0394 46	-	-		
			55	0390 11	-	-	0394 47	-	-		
	Cable lug - cable lug	-	36	0390 13	-	-	0394 46	-	-		
			42	0390 14	-	-	0394 46	-	-		
			55	0390 15	-	-	0394 47	-	-		
			42	0390 17	-	-	0394 46	-	-		
Cable lug - cable	-	55	0390 18	-	-	0394 47	-	-			
		35	26	0390 71	0390 31	0394 77	-	0394 88	-		
 0390 32 Heavy duty terminal blocks p. 66 For copper bars and cable lugs			70	34	0390 72	0390 32	0394 78	-	0394 86	-	
			120	34	0390 73	0390 33	0394 78	-	0394 86	-	
			240	46	0390 74	0390 34	0394 78	-	0394 89	0394 86	

CAB 3 marking system p. 70-73

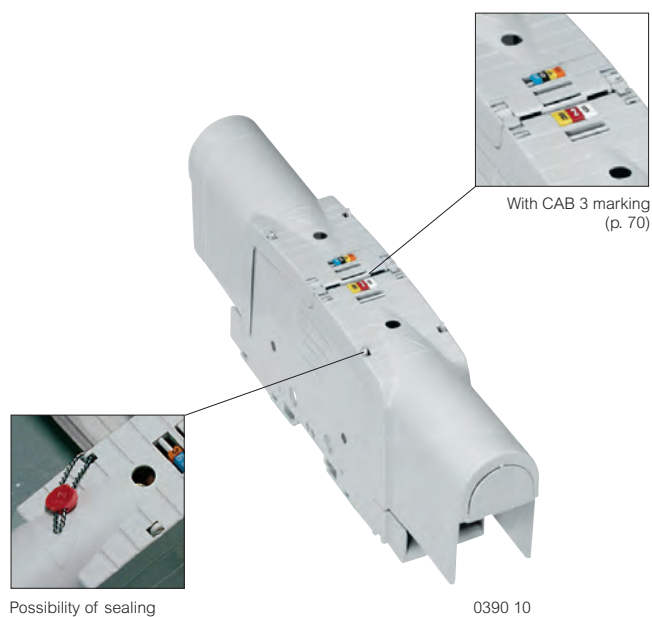


Enclosures p. 6-21



Viking 3 heavy duty terminal blocks

for copper and aluminium cables

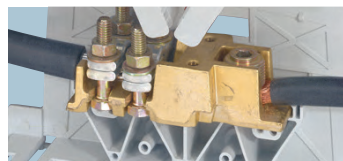


Technical characteristics p. 67

Pack	Cat. Nos.	Heavy duty terminal blocks		
		For copper and aluminium cables		
		IK 04 Conform to IEC 60947-7-1, EN 60947-7-1 UL 1059 and 486 E - CSA 22-2 Fire resistant IEC 60695-2-11 : 960°C (except cover) V2 according to UL 94 Bridging the gap between the enclosure and external cables Fixed using metal clip for rails 15 mm depth and EN 60715, 15 mm depth or on plate with screws Fitted with hinged covers with cut-outs Permits the use of CAB 3 markers Test via test plug Ø4 mm closed covers Blocks with identical width can be joined using a threaded rod Supports shunt with Cat. Nos. 0394 46/47		
5	0390 10	Cable - Cable Rigid or flexible connecting cable (mm ²) Al/Cu 35 to 120	Rigid or flexible connecting cable (mm ²) Cu 35 to 70	Width (mm) 42
5	0390 11	Al/Cu 70 to 300	Cu 70 to 150	55
5	0390 13	Cable lug - Cable lug Connecting plate max. (mm ²) Al/Cu 95	Connecting plate max. (mm ²) Al/Cu 95	Width (mm) 36
5	0390 14	Al/Cu 150	Al/Cu 150	42
5	0390 15	Al/Cu 300	Al/Cu 300	55
5	0390 17	Cable lug - Cable Connecting plate max. (mm ²) Al/Cu 150	Rigid or flexible connecting cable (mm ²) Cu 35 to 95	Width (mm) 42
5	0390 18	Al/Cu 300	Cu 70 to 150	55

Termination options

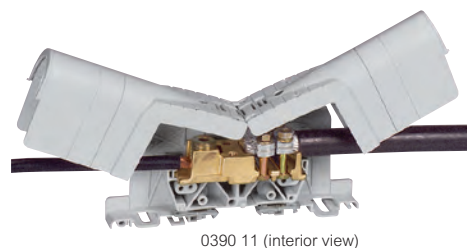
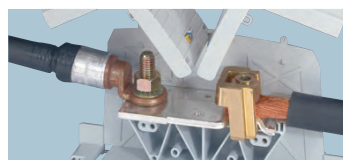
Cable - Cable



Cable lug - Cable lug



Cable lug - Cable



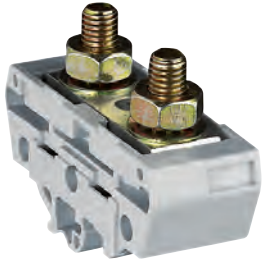
Pack	Cat. Nos.	Accessories
		Shunt
5	0394 46	For blocks with width 36 and 42 mm
5	0394 47	For blocks with width 55 mm

DIN rails p. 58

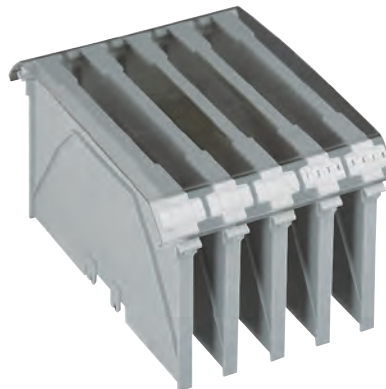


Viking 3 heavy duty terminal blocks

for copper bars and cable lugs



0390 32



0394 78 + 86

Technical characteristics **p. 67**

Pack	Cat. Nos.	Heavy duty terminal blocks			
		For copper bars or cable lugs			
		Conform to IEC EN 60947-7-1			
		Fire resistance : 960 °C, IEC EN 60695-2-11 V2 according to UL94			
		Insulating material : polyamide -30 °C to +100 °C			
		Bridging the gap between the enclosure and external cables			
		Plastic foot			
		For use with terminal marker sheets (p. 70)			
		Separation barriers and protective covers to be ordered separately			
		For symmetrical rails			
		Fixed using metal clip on rails 15 mm depth and EN 60715, 15 mm depth (p. 58)			
		Connecting max. (mm ²)	Width of plate (mm)	Stud (∅)	Width (mm)
5	0390 71	35	15	M 8	26
5	0390 72	70	20	M 10	34
5	0390 73	120	25	M 10	34
5	0390 74	240	35	M 12	46
		For asymmetrical rails			
		Fixed using metal clip on rails EN 60715 (p. 26)			
5	0390 31	35	15	M 8	26
5	0390 32	70	20	M 10	34
5	0390 33	120	25	M 10	34
5	0390 34	240	35	M 12	46

Pack	Cat. Nos.	Accessories	
		Separation barriers	
		Take protective covers	
		Marking possible with CAB 3 marking system (p. 70)	
10	0394 77	For terminals with width 26 mm	
10	0394 78	For terminals with width 34 and 46 mm	
		Protective covers	
		For mounting on separation barriers	
5	0394 86	For 3 terminals with width 46 mm or for 4 terminals with width 34 mm	
5	0394 88	For 4 terminals with width 26 mm	
5	0394 89	For 4 terminals with width 46 mm	



End stops p. 58

CAB 3 marking system **p. 70-73**



Enclosures **p. 6-29**



Viking 3 heavy duty terminal blocks

Characteristics of heavy duty terminal blocks for copper and aluminium cables

IK 04
 Conform to IEC 60947-7-1, EN 60947-7-1
 UL 1059 and 486 E - CSA 22-2
 Fire resistant IEC 60695-2-11 : 960 °C (except cover)
 V2 according to UL 94
 Insulation voltage U_i : 1000 V
 Impulse voltage U_{imp} : 12 kV
 Insulating material :
 - polyamide body -30 °C to +100 °C
 - polypropylene cover -25 °C to +100 °C

Connection table

Cat. Nos.	Connection (mm ²)	Width of plate (mm)	Screw \varnothing	Connection (mm ²)	Width of plate (mm)	Screw \varnothing	Width (mm)
Cable - Cable							
0390 10	Rigid or flexible Cu/Al: 35 to 120	-	-	Rigid or flexible Cu: 35 to 70	-	-	42
0390 11	Rigid or flexible Cu/Al: 70 to 300	-	-	Rigid or flexible Cu: 70 to 150	-	-	55
Cable lug - Cable lug							
0390 13	Cu/Al: max. 95	28	M 8	Cu/Al: max. 95	28	M 8	36
0390 14	Cu/Al: max. 150	34	M 10	Cu/Al: max. 150	34	M 10	42
0390 15	Cu/Al: max. 300	46	M 12	Cu/Al: max. 300	46	M 12	55
Cable lug - Cable							
0390 17	Cu/Al: max. 150	34	M 10	Rigid or flexible Cu: 35 to 95	-	-	42
0390 18	Cu/Al: max. 300	46	M 12	Rigid or flexible Cu: 70 to 150	-	-	55

Cable - Cable



Cable lug - Cable lug



Cable lug - Cable



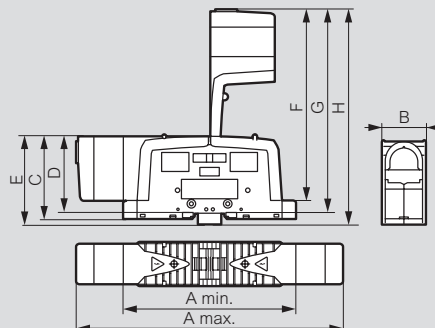
Currents table

Cat. Nos.	Current (A)				Short-circuit current (kA)		Tightening torque (Nm)		Width (mm)
	Shunted input		I/O currents		Shunted input	I/O	Site	Factory	
	IEC	IEC	CSA	UL					
Cable - Cable									
0390 10	340	250	200	170	14.4	8.4	15	15	42
0390 11	570	400	300	285	36	18	35	35	55
Terminal for cable lug - Terminal for cable lug									
0390 13	310	310	250	230	11.4	11.4	15	15	36
0390 14	415	415	340	285	18	18	15	15	42
0390 15	670	670	520	420	36	36	35	35	55
Terminal for cable lug - Cable									
0390 17	415	315	210	230	18	11.4	15	15	42
0390 18	670	420	325	285	36	18	35	35	55
Shunts									
0394 46	450 max.	-	-	-	-	-	6	-	-
0394 47	700 max.	-	-	-	-	-	10	-	-

Cable section equivalence table

mm ²	35	70	95	120	150	185	300
AWG	2	00	0000	250	300	350	600

Dimensions (mm)



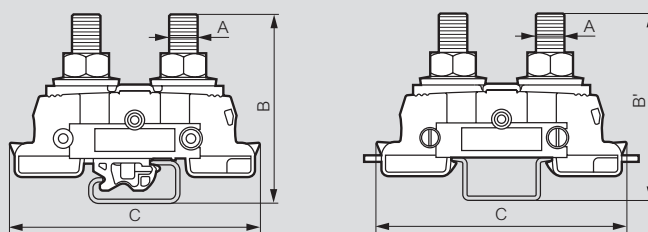
Cat. Nos.	A max.	A min.	B	C	D	E	F	G	H
0390 13	227	155	36	82	73	88	176	185	191
0390 10/14/17	296	200	42	83.5	74.5	89.5	212	221	227
0390 11/15/18	337	216	55	107.3	98.5	113.5	257	266	272

Characteristics of heavy duty plate terminal blocks for copper bars or cable lugs

Cat. Nos.	Voltage (V) IEC	Intensity (A) IEC
0390 31/71	1000	125
0390 32/72	1000	192
0390 33/73	1000	269
0390 34/74	1000	415

IEC EN 60947-7-1
 Fire resistance :
 960 °C, IEC EN 60695-2-11
 V2 according to UL 94
 Insulating material :
 polyamide -30 °C to +100 °C

Dimensions (mm)



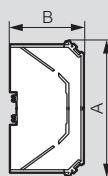
Cat. Nos. 0390 31/32/33/34

Cat. Nos. 0390 71/72/73/74

Cat. Nos.	A	B	B'	C
0390 31	M 8	56		84
0390 32	M 10	61		84
0390 33 ¹	M 10	61		84
0390 34 ²	M 12	64		86
0390 71	M 8		55.3	84
0390 72	M 10		60.4	84
0390 73	M 10		60.4	84
0390 74	M 12		63.5	86

Separation barriers

Dimensions (mm)



Cat. Nos.	A	B	Thickness
0394 77	106	82	8
0394 78	188	102	12

Cat. Nos. 0394 77/78

1 : Previously M 12 + block length 78.5 mm
 2 : Previously M 16 + block length 94 mm