

Viking™ 3 terminal blocks with screw connection and accessories
for copper cable

Approvals (p. 906)				ELECTRICAL FUNCTION		TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK				PROTECTION		MEASURE- MENT	ASSOCIATED PRODUCTS															
						Nominal cross-section (mm ²)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and insulation divider	Automatic insertion birdging comb			Comb for 12 blocks, side	Bar for 12 blocks, front	Single pole screen	Cut to length screen	Test socket															
0 371 61 0 371 63 0 371 64 0 371 66 0 371 69 0 371 68 0 371 00 0 371 08 0 371 20 0 371 30 0 371 78 0 371 98				Connecting (p. 300)	1 connection - 1 entry/1 outlet				2.5	5	0 371 60 0 371 00 0 371 20 0 371 30	0 375 50 ⁽²⁾	0 375 60	0 375 02	0 375 01	0 375 00			0 375 65	0 375 68	0 375 27 ⁽⁷⁾													
0 371 71 0 371 76 0 371 79	For protection conductor (p. 300)	1 connection - 1 entry/1 outlet - metal base				2.5	5	0 371 70 0 371 71 0 371 72 0 371 73 0 371 74 0 371 75 0 371 76	0 375 50 ⁽²⁾																									
0 371 80 0 371 81 0 371 84 0 371 86 0 371 87	Disconnect (p. 301)	1 connection	Open (to be equipped)			2.5	6	0 371 80 0 371 81 0 371 81 + 0 375 24/25⁽¹⁾ 0 371 82 0 371 83 0 371 84 0 375 55 0 375 55 0 375 55 0 371 86 0 375 55 0 371 87 0 375 56	0 375 55	0 375 62	0 375 05	0 375 04	0 375 03					0 375 27 ⁽⁷⁾																
			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																															
			Modular																	2.5	5	0 371 53 0 371 54	0 375 55		0 375 02	0 375 01	0 375 00						0 375 27 ⁽⁷⁾	
			Diode carrier 1N4007																															
			2 connections on 2 levels		Diode carrier 1N4007															4	6	0 371 55 0 371 56	0 375 53	0 375 63	0 375 05	0 375 04	0 375 03						0 375 27 ⁽³⁾⁽⁷⁾	
With voltage presence LED																																		
0 371 51 0 371 52 0 371 92	For sensor and actuator (p. 301) PNE (p. 300) Measurement (p. 301)	3 connections on 3 levels	Sensor			2.5	5	0 371 51 0 371 52	0 375 54	0 375 54	0 375 02 ⁽³⁾	0 375 01	0 375 00		0 375 46 ⁽⁵⁾	0 375 47 ⁽⁵⁾			0 375 27 ⁽³⁾⁽⁷⁾															
			Actuator																															
			Phase/Neutral/Earth																															
		1 connection	Disconnect for measuring circuit			4	8	0 371 92	0 375 57										0 375 77															

1: Blown fuse indicator 12/24/48 V ~ / Cat.No 0 375 24 or 110/250 V~ Cat.No 0 375 25 - 2: Or end stop Cat.No 0 375 10 - 3: Upper level only - 4: Lower level only - 5: Lower and intermediate levels

6: Cat.No 0 375 07 for 3 terminal blocks - 7: Permanent measurement: side by side installation of 2 test sockets not possible

Viking™ 3 terminal blocks with spring connection and accessories

for copper cable

Approvals (p. 906)				ELECTRICAL FUNCTION		TERMINAL BLOCKS				INSULATION		EQUIPOTENTIAL LINK			MEASUREMENT	ASSOCIATED PRODUCTS					
Nominal cross-section (mm²)	Pitch (mm)	Colour	Cat.Nos			End cap	Separation and insulation divider	Automatic insertion bridging comb			Test socket										
								2 red blocks	10 red blocks	10 blue blocks											
0 372 60 0 372 61 0 372 64 0 372 40 0 372 69 0 372 68 0 372 02 0 372 47 0 372 21 0 372 42	Connecting (p. 302)	1 connection - 2 wires - 1 entry/1 outlet				4	5		0 372 60	0 375 86	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾						
									0 372 00												
									0 372 20												
						4	6		0 372 61	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
									0 372 01												
									0 372 21												
						6	8		0 372 62	built-in		0 375 07/08 ⁽⁵⁾			0 375 27						
									0 372 02												
						10	10		0 372 63	built-in		0 375 82									
									0 372 03												
						16	12		0 372 64	built-in		0 375 85									
									0 372 04												
		1 connection - 3 wires - 1 entry/2 outlets				4	5		0 372 40	0 375 87	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾						
									0 372 41												
		4	6						0 372 43	built-in	0 375 95	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
									0 372 44												
		1 connection - 4 wires - 2 entries/2 outlets				4	5		0 372 46	0 375 88	0 375 95	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽⁶⁾						
									0 372 47												
		4	6						0 372 69	built-in		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
									0 372 09												
		2 connections - 4 wires - 2 levels				4	5		0 372 67	0 375 89	0 375 96	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾	0 375 27 ⁽³⁾⁽⁶⁾						
									0 372 07												
		4	6						0 372 68	built-in	0 375 96	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽³⁾⁽⁶⁾						
									0 372 08												
0 372 70 0 372 71 0 372 72 0 372 12	For protection conductor (p. 302)	1 connection - 2 wires - 1 entry/1 outlet - metal base				4	5		0 372 70	0 375 86											
						4	6		0 372 71	built-in											
						6	8		0 372 72												
						10	10		0 372 73												
		1 connection - 3 wires - 1 entry/2 outlets - metal base				16	12		0 372 74												
						4	5		0 372 10	0 375 87											
						4	6		0 372 11	built-in											
						4	5		0 372 12	0 375 88											
0 372 80 0 372 82 0 372 83 0 372 84	Disconnect (p. 303)	1 connection 2 wires	Open (to be equipped)			2.5	6		0 372 80	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
			For fuse cartridge 5 x 20 with handle lever						0 372 81	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●							
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator						0 372 81 + 0 375 24/25 ⁽¹⁾												
			For neutral circuit with handle lever						0 372 82												
			For standard circuit						0 372 83		0 375 90	0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
			With handle lever						0 372 84	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●							
			With mini lever						0 372 85	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●							
			For circuit not broken						0 372 86	0 375 90		0 375 05	0 375 04 ●	0 375 03 ●	0 375 27 ⁽⁶⁾						
0 372 54 0 372 56 0 372 54 0 372 56	Function blocks (p. 303)	1 connection 4 wires 2 entries/2 outlets	Diode carrier 1N4007			4	5		0 372 54	0 375 88	0 375 95										
		2 connections 4 wires 2 levels	Diode carrier 1N4007						0 372 55	0 375 89	0 375 96	0 375 02 ⁽⁴⁾	0 375 01 ● ⁽⁴⁾	0 375 00 ● ⁽⁴⁾							
			With voltage presence LED						0 372 56	0 375 89	0 375 96	0 375 02 ⁽²⁾⁽⁴⁾	0 375 01 ● ⁽²⁾⁽⁴⁾	0 375 00 ● ⁽²⁾⁽⁴⁾							

1: Blown fuse indicator 12/24/48V= /~ Cat.No 0 375 24 or 110/250V~ Cat.No 0 375 25 - 2: Lower level only - 3: Upper level only - 4: Current IEC 60947-7-1 : max. 24 A
5: Cat.No 0 375 07 for 3 terminal blocks - 6: Permanent measurement: side by side installation of 2 test sockets not possible

Viking™ 3 terminal blocks with screw connection



TN-C-S
earthing schema
PEN separation
0 371 98 + 0 371 04 + 0 375 42



0 371 61 + 0 371 01 + 0 371 21
+ 0 371 31 + 0 371 77



0 371 69



0 371 68



0 371 70 on rail



0 371 74



0 371 76



Same profile up to 10 mm pitch and same height from
12 to 22 mm pitch

Technical characteristics p. 307 dimensions see e-catalogue
Approvals p. 906

Used to make the electrical connection between 2 flexible copper wires with ou without ferrules or 2 rigid copper wires
2 areas for automatic insertion bridging combs up to 8 pitch (upper level only for multi-level blocks)
For rails depth 15 mm, EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Connecting				
		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), green for protection conductor class II equivalent assemblies				
		1 connection - 1 entry/1 outlet				
				Capacity		
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²) with or without ferrules	Pitch (mm)
60	0 371 60	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 00	Blue				
60	0 371 20	Orange				
60	0 371 30	Red				
50	0 371 61	Grey	4	0.25 to 6	0.25 to 4	6
50	0 371 01	Blue				
50	0 371 21	Orange				
50	0 371 31	Red				
50	0 371 77	Green				
40	0 371 62	Grey	6	0.5 to 10	0.25 to 6	8
40	0 371 02	Blue				
40	0 371 78	Green				
30	0 371 63	Grey	10	1.5 to 16	2.5 to 10	10
30	0 371 03	Blue				
20	0 371 64	Grey	16	1.5 to 25	4 to 16	12
20	0 371 04	Blue				
20	0 371 98	Green				
20	0 371 65	Grey	35	2.5 to 50	4 to 35	15
20	0 371 05	Blue				
20	0 371 99	Green				
10	0 371 66 ¹	Grey	70	25 to 95	16 to 70	22
		1 connection - 2 entries/2 outlets				
25	0 371 69	Grey	4	0.25 to 6	0.25 to 4	6
25	0 371 09	Blue				
		2 connections on 2 levels				
60	0 371 67	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 07	Blue				
60	0 371 68	Grey	4	0.25 to 6	0.25 to 4	6
60	0 371 08	Blue				
		3 connections on 3 levels				
50	0 371 51 ²	Grey	2.5	0.25 to 4	0.25 to 2.5	5

Pack	Cat.Nos	For protection conductor				
		Metal base				
		1 connection - 1 entry/1 outlet				
		Screwless fixing on rail up to 10 mm pitch and with screws for pitch 12 and 15 mm PEN from 10 mm ²				
				Capacity		
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²) with or without ferrules	Pitch (mm)
60	0 371 70	Green/yellow	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 71	Green/yellow	4	0.25 to 6	0.25 to 4	6
40	0 371 72	Green/yellow	6	0.5 to 10	0.25 to 6	8
30	0 371 73	Green/yellow	10	1.5 to 16	2.5 to 10	10
10	0 371 74	Green/yellow	16	1.5 to 25	4 to 16	12
10	0 371 75	Green/yellow	35	2.5 to 50	4 to 35	15
		1 connection - bare block				
10	0 371 76	-	35	2.5 to 50	4 to 35	15
		1 connection - 2 entries/2 outlets				
		Screwless fixing on rail				
50	0 371 79	Green/yellow	4	0.25 to 6	0.25 to 4	6
		PNE - Phase/Neutral/Earth				
		3 connections on 3 levels				
		Metal base				
		Green/yellow marking for the lower level				
		Screwless fixing on rail				
				Capacity		
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²) with or without ferrules	Pitch (mm)
50	0 371 52 ²	Grey	2.5	0.25 to 4	0.25 to 2.5	5

Viking 3 power terminal blocks (p. 310)

CAB 3 marking system (p. 314)

1: Built-in end cap
2: Rigid wire capacity: 2.5 mm² max. with equipotential bridging comb

Viking™ 3 terminal blocks with screw connection (continued)



0 371 80 + automotive-type fuse



0 371 82 + 0 371 83 + 0 371 85



0 371 84 + 0 371 86



0 371 87



0 371 53



0 371 55



0 371 51



0 371 52



0 371 92



Technical characteristics **p. 307** dimensions **see e-catalogue**
Approvals **p. 906**

Used to make the electrical connection between 2 flexible copper wires with or without ferrules or 2 rigid copper wires
2 areas for automatic insertion bridging combs up to 8 pitch (upper level only for multi-level blocks)
For rails $\perp$ depth 15 mm, $\perp$ EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Disconnect terminal blocks 1 connection				
		Opening by means of blade type lever, handle lever or mini lever (with tool)				
		Open (to be equipped)				
		Can take blade type levers				
		Cat.Nos 0 375 15/16/17/18 or in ELV installations a blade-type automotive fuse or a miniature circuit-breaker				
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²) with or without ferrules	Pitch (mm)
20	0 371 80	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 81	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 82	Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 83	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 84	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 85	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 86	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
20	0 371 87	Grey	10	0.25 to 10	0.25 to 10	12

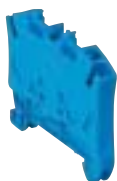
Pack	Cat.Nos	Function blocks				
		1 connection - modular				
		Component connected with screws				
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²) with or without ferrules	Pitch (mm)
20	0 371 53	Grey	2.5	0.25 to 4	0.25 to 2.5	5
20	0 371 54	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	0 371 55	Grey	4	0.25 to 6	0.25 to 4	6
60	0 371 56	Grey	4	0.25 to 6	0.25 to 4	6
		For sensors and actuators				
		For connecting sensors (Cat.No 0 371 51) or actuators (Cat.No 0 371 52), and their shared power supply unit using equipotential bridging comb Cat.Nos 0 375 46/47				
		3 connections on 3 levels - for sensor				
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²) with or without ferrules	Pitch (mm)
50	0 371 51 ¹	Grey	2.5	0.25 to 4	0.25 to 2.5	5
50	0 371 52 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				
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²) with or without ferrules	Pitch (mm)
25	0 371 92	Grey	4	0.25 to 4	0.25 to 4	8

1: Rigid wire capacity: 2.5 mm² max with equipotential bridging comb

Viking™ 3 terminal blocks with spring connection



0 372 60 + 0 372 00 + 0 372 20



0 372 01



0 372 21



0 372 63



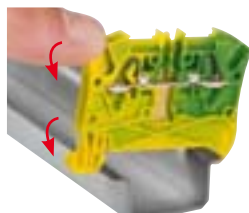
0 372 40



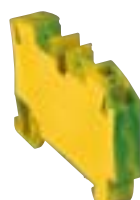
0 372 67



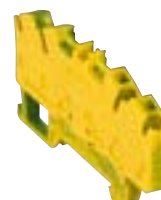
Automatic insertion of flexible wire with ferrule cap or rigid wire up to pitch of 6 mm



0 372 70
Automatic fixing on rail



0 372 72



0 372 79



Technical characteristics **p. 308** dimensions **see e-catalogue**
Approvals **p. 906**

Screwless connection system, stainless steel spring type
Used to make the electrical connection between 2 rigid copper wires, or flexible copper wires with or without ferrules (p. 312)
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails depth 15 mm, EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Connecting																																																																																																								
		 Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device																																																																																																								
		1 connection - 2 wires - 1 entry/1 outlet																																																																																																								
		<table><tr><th></th><th></th><th>Nominal cross-section (mm²)</th><th>Capacity</th><th></th><th></th></tr><tr><td></td><td></td><td></td><td></td><td>Rigid wire (mm²)</td><td>Flexible wire (mm²)</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Flexible wire with ferrule (mm²)</td></tr><tr><td></td><td></td><td>Colour</td><td></td><td></td><td>Pitch (mm)</td></tr><tr><td>60</td><td>0 372 60</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>60</td><td>0 372 00</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr><tr><td>60</td><td>0 372 20</td><td>Orange</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr><tr><td>50</td><td>0 372 61¹</td><td>Grey</td><td>6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>8</td></tr><tr><td>50</td><td>0 372 01¹</td><td>Blue</td><td>6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>8</td></tr><tr><td>50</td><td>0 372 21¹</td><td>Orange</td><td>6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>0.5 to 6</td><td>8</td></tr><tr><td>40</td><td>0 372 63¹</td><td>Grey</td><td>10</td><td>0.75 to 10</td><td>0.75 to 10</td><td>0.75 to 10</td><td>10</td></tr><tr><td>40</td><td>0 372 03¹</td><td>Blue</td><td>10</td><td>0.75 to 10</td><td>0.75 to 10</td><td>0.75 to 10</td><td>10</td></tr><tr><td>10</td><td>0 372 64¹</td><td>Grey</td><td>16</td><td>4 to 16</td><td>4 to 16</td><td>4 to 16</td><td>12</td></tr><tr><td>10</td><td>0 372 04¹</td><td>Blue</td><td>16</td><td>4 to 16</td><td>4 to 16</td><td>4 to 16</td><td>12</td></tr></table>			Nominal cross-section (mm ²)	Capacity							Rigid wire (mm ²)	Flexible wire (mm ²)						Flexible wire with ferrule (mm ²)			Colour			Pitch (mm)	60	0 372 60	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	60	0 372 00	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6	60	0 372 20	Orange	4	0.5 to 6	0.5 to 4	0.5 to 4	6	50	0 372 61 ¹	Grey	6	0.5 to 6	0.5 to 6	0.5 to 6	8	50	0 372 01 ¹	Blue	6	0.5 to 6	0.5 to 6	0.5 to 6	8	50	0 372 21 ¹	Orange	6	0.5 to 6	0.5 to 6	0.5 to 6	8	40	0 372 63 ¹	Grey	10	0.75 to 10	0.75 to 10	0.75 to 10	10	40	0 372 03 ¹	Blue	10	0.75 to 10	0.75 to 10	0.75 to 10	10	10	0 372 64 ¹	Grey	16	4 to 16	4 to 16	4 to 16	12	10	0 372 04 ¹	Blue	16	4 to 16	4 to 16	4 to 16	12
		Nominal cross-section (mm ²)	Capacity																																																																																																							
				Rigid wire (mm ²)	Flexible wire (mm ²)																																																																																																					
					Flexible wire with ferrule (mm ²)																																																																																																					
		Colour			Pitch (mm)																																																																																																					
60	0 372 60	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
60	0 372 00	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
60	0 372 20	Orange	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
50	0 372 61 ¹	Grey	6	0.5 to 6	0.5 to 6	0.5 to 6	8																																																																																																			
50	0 372 01 ¹	Blue	6	0.5 to 6	0.5 to 6	0.5 to 6	8																																																																																																			
50	0 372 21 ¹	Orange	6	0.5 to 6	0.5 to 6	0.5 to 6	8																																																																																																			
40	0 372 63 ¹	Grey	10	0.75 to 10	0.75 to 10	0.75 to 10	10																																																																																																			
40	0 372 03 ¹	Blue	10	0.75 to 10	0.75 to 10	0.75 to 10	10																																																																																																			
10	0 372 64 ¹	Grey	16	4 to 16	4 to 16	4 to 16	12																																																																																																			
10	0 372 04 ¹	Blue	16	4 to 16	4 to 16	4 to 16	12																																																																																																			
		1 connection - 3 wires - 1 entry/2 outlets																																																																																																								
		<table><tr><td>60</td><td>0 372 40</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>60</td><td>0 372 41</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>60</td><td>0 372 42</td><td>Orange</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>50</td><td>0 372 43¹</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr><tr><td>50</td><td>0 372 44¹</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr></table>	60	0 372 40	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	60	0 372 41	Blue	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	60	0 372 42	Orange	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	50	0 372 43 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6	50	0 372 44 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																
60	0 372 40	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
60	0 372 41	Blue	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
60	0 372 42	Orange	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
50	0 372 43 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
50	0 372 44 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
		1 connection - 4 wires - 2 entries/2 outlets																																																																																																								
		<table><tr><td>60</td><td>0 372 46</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>60</td><td>0 372 47</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>50</td><td>0 372 69¹</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr><tr><td>50</td><td>0 372 09¹</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr></table>	60	0 372 46	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	60	0 372 47	Blue	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	50	0 372 69 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6	50	0 372 09 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																								
60	0 372 46	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
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50	0 372 69 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
50	0 372 09 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
		2 connections - 4 wires - 2 levels																																																																																																								
		<table><tr><td>60</td><td>0 372 67</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>60</td><td>0 372 07</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 2.5</td><td>5</td></tr><tr><td>50</td><td>0 372 68¹</td><td>Grey</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr><tr><td>50</td><td>0 372 08¹</td><td>Blue</td><td>4</td><td>0.5 to 6</td><td>0.5 to 4</td><td>0.5 to 4</td><td>6</td></tr></table>	60	0 372 67	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	60	0 372 07	Blue	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5	50	0 372 68 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6	50	0 372 08 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																								
60	0 372 67	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
60	0 372 07	Blue	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5																																																																																																			
50	0 372 68 ¹	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			
50	0 372 08 ¹	Blue	4	0.5 to 6	0.5 to 4	0.5 to 4	6																																																																																																			

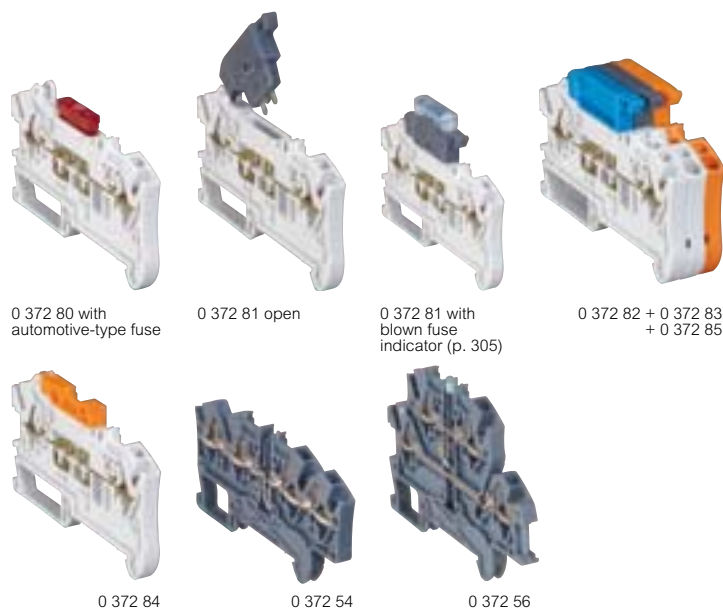
Pack	Cat.Nos	For protection conductor					
		Metal base Screwless fixing on rail PEN from 10 mm ²					
		1 connection - 2 wires - 1 entry/1 outlet					
			Nominal cross-section (mm ²)	Capacity			
				Rigid wire (mm ²)	Flexible wire (mm ²)	Flexible wire with ferrule (mm ²)	Pitch (mm)
60	0 372 70	Colour Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
50	0 372 71 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
25	0 372 72 ¹	Green/yellow	6	0.5 to 6	0.5 to 6	0.5 to 6	8
20	0 372 73 ¹	Green/yellow	10	0.75 to 10	0.75 to 10	0.75 to 10	10
15	0 372 74 ¹	Green/yellow	16	4 to 16	4 to 16	4 to 16	12
		1 connection - 3 wires - 1 entry/2 outlets					
40	0 372 10	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0 372 11 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6
		1 connection - 4 wires - 2 entries/2 outlets					
40	0 372 12	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
30	0 372 79 ¹	Green/yellow	4	0.5 to 6	0.5 to 4	0.5 to 4	6

Starfix ferrules and crimping tools (p. 312)

CAB 3 marking system (p. 314)

1: Built-in end cap

Viking™ 3 terminal blocks with spring connection (continued)



Technical characteristics p. 308 dimensions see e-catalogue
Approvals p. 906

Screwless connection system, stainless steel spring type
Used to make the electrical connection between 2 rigid copper wires, or flexible copper wires with or without ferrules (p. 312)
Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
2 areas for automatic insertion bridging combs (upper level only for 2-level blocks)
For rails depth 15 mm, EN 60715 depth 7.5 mm and 15 mm

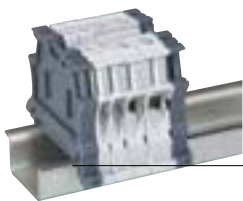
Pack	Cat.Nos	Disconnect terminal blocks 1 connection - 2 wires					
		Opening by means of blade type lever, handle lever or mini lever (with tool)					
		Open (to be equipped)					
		Can take blade type levers Cat.Nos 0 375 15/16/17/18 or in ELV installations a blade-type automotive fuse or a miniature circuit-breaker					
		Colour	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	Flexible wire with ferrule (mm²)	Pitch (mm)
20	0 372 80	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 81	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 82	Grey/blue	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 83	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 84	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 85	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	0 372 86	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6

Pack	Cat.Nos	Function blocks					
		1 connection - 4 wires - 2 entries/2 outlets - diode carrier					
		Colour	Nominal cross-section (mm²)	Rigid wire (mm²)	Flexible wire (mm²)	Flexible wire with ferrule (mm²)	Pitch (mm)
60	0 372 54	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 55	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	0 372 56	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5

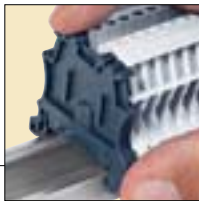
Blade type levers, joining rods and blown fuse indicators (p. 305)

Accessories (p. 304 to 306)

Viking™ 3 accessories for terminal blocks



End stop 0 375 10, screwless mounting



0 375 11 with label holder 0 395 96



0 375 12 with CAB 3 labelling



0 375 13 with label holder Duplix 0 384 98



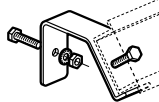
Technical characteristics p. 309

Pack Cat.Nos Rails for cutting to length

10	0 374 04	Length 2 m
10	0 374 07	└ EN 60715 depth 7.5 mm
10	0 477 22	└ depth 15 mm
10	0 477 23	└ depth 7.5 mm with oblong holes
		└ depth 15 mm with oblong holes

10 0 394 49 45° mounting bracket

Set of 2 supports for 45° rail slope
Supplied with 4 M6 screws, nuts and washers



20 0 364 66 Adaptor

For mounting on rail └ equipment fitting on rail └
Width 17 mm
Increase equipment height for 6 mm

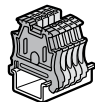


End stops

Accept CAB 3 markers

Automatic 6 mm pitch

Screwless mounting
For rails └ depth 15 mm and └ EN 60715 depth 7.5 mm and 15 mm
Accepts label holder Cat.No 0 395 96
Acts as end cap for screw terminal blocks
1 entry/1 outlet 5, 6, 8 and 10 mm pitch



8 mm pitch

For rails └ depth 15 mm and └ EN 60715 depth 7.5 mm and 15 mm
Accepts label holder Cat.No 0 395 96

10 mm pitch

For rails └ depth 15 mm and └ EN 60715 depth 7.5 mm (except for rail fixed on plate) and 15 mm
For supporting protection or shielding bar:
- Brass bar Cat.Nos 0 373 00/01
- Copper bar 12 x 4 mm with clamps Cat.No 0 373 02
- IP 2X terminal block with flat steel bar 12 x 2 mm Cat.No 048 19
- Copper bar 12 x 4 mm Cat.No 373 49 or 373 89
- Shielding bar 10 x 3 mm Cat.No 375 34

12 mm pitch

For rails └ EN 60715, └ depth 15 mm and └ EN 60715 depth 7.5 mm and 15 mm
After cutting out the upper divider, can be labelled using Duplix label holder Cat.No 0 384 98

Pack Cat.Nos Identification accessories

20	0 395 96	Transparent label holder with variable angle Fixing on end stops Cat.Nos 375 10/11 Supplied with label 32 x 9.5 mm Can take label Cat.No 395 97
20	0 395 97	Label for engraving 28 x 9.5 mm For label holder Cat. No 395 96. Flexible ABS
10	0 395 98	White background, black engraving Black felt tip pen for permanent marking

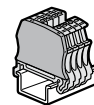


End caps

Grey

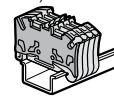
For screw terminal blocks

1 entry/1 outlet 5, 6, 8 and 10 mm pitch
1 entry/1 outlet 12 and 15 mm pitch
2 entries/2 outlets
2 levels
3 levels
Disconnect type 6 mm pitch and function blocks 5 mm pitch
Disconnect type fuse cartridge 5 x 20 and 6.3 x 32 with screwed plug
Disconnect for measurement



For spring terminal blocks with 5 mm pitch

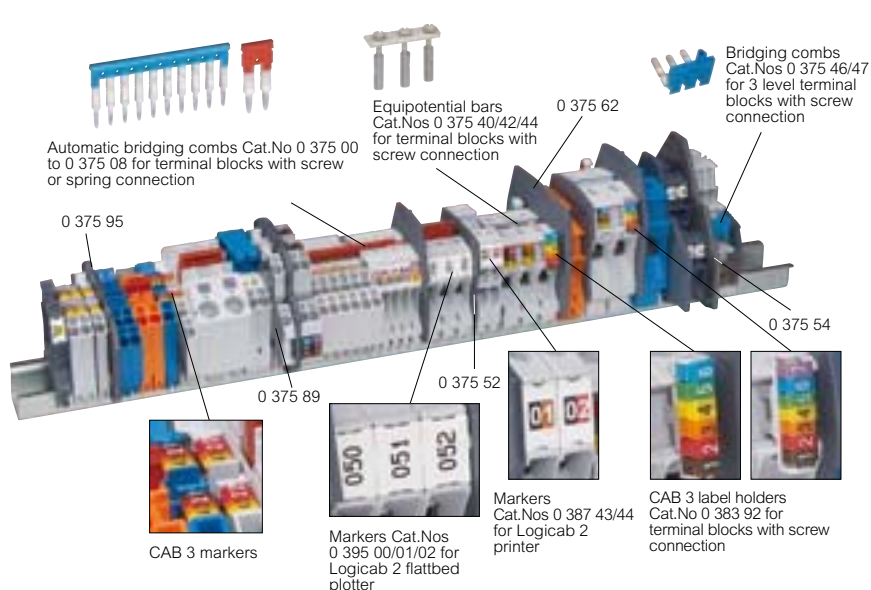
Allows the block to become 6 mm pitch and take a flexible wire fitted with a 4 mm² ferrule (p.312)
1 entry/1 outlet
1 entry/2 outlets
2 entries/2 outlets
2 levels



For spring terminal blocks with 6 mm pitch

Disconnect type

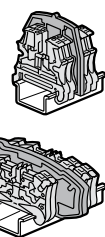
Viking™ 3 accessories for terminal blocks (continued)



Technical characteristics p. 309

Pack Cat.Nos Separation and insulation dividers

		Grey	
		For screw terminal blocks	
20	0 375 60	1 entry/1 outlet 5, 6, 8 and 10 mm pitch	
10	0 375 61	1 entry/1 outlet 12 and 15 mm pitch	
10	0 375 62	2 entries/2 outlets and disconnect type 6 mm pitch	
10	0 375 63	2 levels	
20	0 375 54	3 levels	
		For spring terminal blocks	
10	0 375 95	1 entry/1 outlet, 1 entry/2 outlets and 2 entries/2 outlets 5 and 6 mm pitch	
10	0 375 96	2 levels	

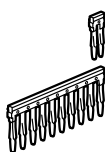


Equipotential bridging accessories

Bridging combs for screw and spring terminal blocks

Front mounting (automatic insertion), screwless
Isolated and separable
Consecutive or alternating connection

20	0 375 00 ¹	For 10 blocks with 5 mm pitch - blue
20	0 375 01 ¹	For 10 blocks with 5 mm pitch - red
50	0 375 02 ¹	For 2 blocks with 5 mm pitch - red
20	0 375 03 ²	For 10 blocks with 6 mm pitch - blue
20	0 375 04 ²	For 10 blocks with 6 mm pitch - red
50	0 375 05 ²	For 2 blocks with 6 mm pitch - red
20	0 375 07 ³	For 3 blocks with 8 mm pitch - red
20	0 375 08 ³	For 2 blocks with 8 mm pitch - red



Bars for screw terminal blocks

Front mounting with screws
Pre-assembled, not insulated bar
Consecutive or alternating connection

10	0 375 40	For 12 blocks with 10 mm pitch
10	0 375 42 ⁴	For 12 blocks with 12 mm pitch
10	0 375 44	For 12 blocks with 15 mm pitch



Bridging combs for 3-level screw terminal blocks

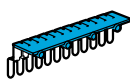
For lower and intermediate levels of blocks

Cat.Nos 0 371 51/52

Side mounting

Insulated and separable

10	0 375 46	For 12 blocks with 5 mm pitch - brown
10	0 375 47	For 12 blocks with 5 mm pitch - blue



Bridging combs for spring terminal blocks

Front mounting (automatic insertion), screwless
Isolated
Red

20	0 375 82	For 2 blocks with 10 mm pitch
20	0 375 85	For 2 blocks with 12 mm pitch



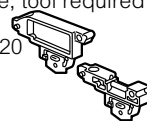
Pack Cat.Nos Accessories for disconnect blocks

For screw and spring terminal blocks

Blade type levers

For open blocks Cat. Nos 0 371 80 and 0 372 80
Manual disconnection for handle type, tool required for mini lever type

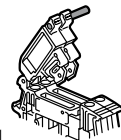
10/50	0 375 15	With handle lever for fuse cartridge 5 x 20
10/50	0 375 16	Blue handle lever for neutral
10/50	0 375 17	Grey handle lever
10/50	0 375 18	Mini lever



Joining rods

For handle and mini lever

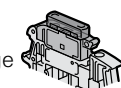
20	0 375 21	For 2 blocks
20	0 375 22	For 3 blocks



Blown fuse indicators

Clip directly onto blocks Cat.Nos 0 371 81, 0 372 81 or handle lever 375 15 (with power off)

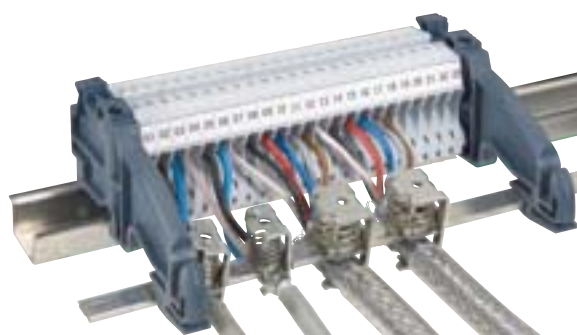
10/50	0 375 24	12/24/48 V _~ and $\sim$ for block with fuse cartridge 5 x 20 with handle lever
10/50	0 375 25	110/250 V _~ for block with fuse cartridge 5 x 20 with handle lever



1: Cat. No 0 371 51/52: upper level only
Cat. No 0 372 56: lower level only
Cat. No 0 372 54: non shuntable
2: Cat. No 0 371 56: lower level only
3: Except for Cat.No 0 371 92
4: Except for Cat.No 0 371 87

Bold pack quantities: Minimum quantities to be ordered. **Red catalogue numbers:** New products

Viking™ 3 accessories for terminal blocks (continued)



Shielding terminal block with end stops 0 375 12, bar 0 375 34 and clamps 375 30/31



0 375 76 + 0 371 64



0 375 77 + 0 371 92 open



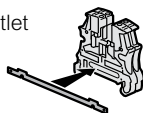
0 375 66 + 0 371 63 + 0 371 03



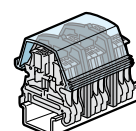
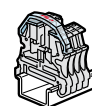
0 375 27 + 0 371 61



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 0 375 34
		- mounted on plate with M4 screws (supplied)
		- mounted on rail with Cat.No 0 364 69
10	0 375 30	For cable Ø 3 to 8 mm
10	0 375 31	For cable Ø 4 to 13.5 mm
4	0 375 32	For cable Ø 10 to 20 mm
		Shielding bar
		For screw and spring terminal blocks
		Steel
		Length 1 m
		For use with end stops Cat.No 0 375 12
10	0 375 34	10 x 3 mm
		Screening continuity bracket
50	0 375 35	For screw terminal blocks 1 entry/1 outlet
		5, 6, 8 and 10 mm pitch
		Connected with 2.8 x 0.8 mm clips
		or welded on
		Capacity: 1 mm ²



Pack	Cat. Nos	Protective screens
		1 pole
		For screw terminal blocks 1 entry/1 outlet
		5 and 6 mm pitch
		8 and 10 mm pitch
		12 and 15 mm pitch
		Cut to length
		Length 1 m
		Mounted on separation and insulation divider
		For screw terminal blocks 1 entry/1 outlet
		Can be equipped with CAB 3 marking system for terminal blocks (p. 314)
10	0 375 65	5, 6, 8 and 10 mm pitch
10	0 375 66	(divider Cat.No 0 375 60)
10	0 375 67	12 and 15 mm pitch
		(divider Cat.No 0 375 61)
		Measurement accessories
		For screw and spring terminal blocks
		Measurement socket for Ø4 mm plug
		for blocks with 5, 6 and 8 mm pitch
10	0 375 27 ¹	
		For screw terminal blocks
50	0 375 75	Measurement socket for Ø2 mm plug
		for blocks with 10 mm pitch Cat.Nos 0 371 03/63
20	0 375 76	Measurement socket for Ø4 mm plug
		for blocks with 12 and 15 mm pitch
10	0 375 77	Measurement socket for Ø4 mm plug
		for disconnect block for measurement Cat.No 0 371 92
1/10	0 394 45	IP 2X safety tip adaptor
		Ø2 mm test plug - Retractable tube
		For performing ad-hoc tests in accordance
		with regulations on the protection of workers
		Fixes directly on the Ø4 mm plug



1: Except for disconnect 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 with screw connection

■ Characteristics and dimensions (mm)

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11
Insulating material for terminal blocks: polyamide - 30° C to + 100° C

Connecting blocks

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 00/20/30/60	800	600	600	27	24	20	20	2.5	12	12
0 371 01/21/31/61				36	32	30	30	4	10	10
0 371 02/62				48	41	46	46	6	8	8
0 371 03/63				63	57	60	60	10	6	6
0 371 04/64/98				85	76	85	85	16	4	4
0 371 05/65/99				138	125	115	115	35	2	2
0 371 07/67	500	300	300	27	24	20	20	2.5	12	12
0 371 08/68				36	32	30	30	4	10	10
0 371 09/69				36	32	30	30	4	10	10
0 371 66	1000	600	600	213	192	200	200	70	000	000
0 371 77	800	600	600	36	32	30	30	4	10	10
0 371 78				48	41	46	46	6	8	8

Cat.No 0 371 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

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 connecting terminal blocks, and blocks for protection conductor with metal⁽¹⁾ (detailed list on p. 906)

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 outlets: 250 V
2 and 3-level terminal blocks: 250 V

Rated current:

Conductor cross-section (mm²)	2.5	4	6	10	16	35	70
Rated current (A)	18	23	30	42	57	93	145

Attestation of conformity of component for the customer is available on request

1: Except for Cat.No 0 371 76

Blocks for protection conductor

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	le	IEC	IEC (mm²)	CSA (AWG)	UL (AWG)		
0 371 70	800	600	600	-	-	2.5	12	12		
0 371 71				-	-	4	10	10		
0 371 72				-	-	6	8	8		
0 371 73 ⁽¹⁾				63	57	10	6	6		
0 371 74 ⁽¹⁾				85	76	16	4	4		
0 371 75 ⁽¹⁾				138	125	35	2	2		
0 371 76	-	-	-	-	-	35	-	-		
0 371 79	500	300	300	-	-	4	10	10		

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

Disconnect terminal blocks

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)	
0 371 80	500	300	300	15	15	15	2.5	12	12	
0 371 81 or 0 371 80 + 0 375 15	250	250	250	6.3	6.3	6.3				
0 371 82	500	300	300	15	15	15				
0 371 83				15	15	15				
0 371 84				15	15	15				
0 371 85				15	15	15				
0 371 86				15	15	15				
0 371 87/88	250	250	250	10	10	10	10	6	6	

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

Power according to IEC 60947-7-3

Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0 371 81 or 0 371 80 + 0 375 15 ⁽¹⁾	4 W / 6.3 A Pvk = 4.75 W	1.6 W/6.3 A Pvk = 2 W	1.6 W/6.3 A Pv = 1.65 W	-
0 371 87/88	4 W Pvk = 5 W	2.5 W Pvk = 2.7 W	1.6 W Pv = 1.8 W	-

1: With or without blown fuse indicator Cat.No 0 375 25

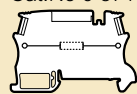
Function blocks

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)	
0 371 53	250	-	-	-	-	-	2.5	-	-	
0 371 54	250	-	-	1	-	-	2.5	-	-	
0 371 55	500	300	300	1	1	1	4	10	10	
0 371 56	12 to 24	12 to 24	12 to 24	32	30	30	4	10	10	

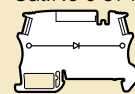
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Schematic diagrams

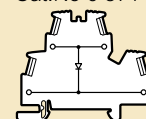
Cat.No 0 371 53



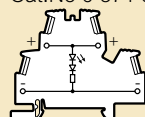
Cat.No 0 371 54



Cat.No 0 371 55



Cat.No 0 371 56



Diode for Cat.Nos 0 371 54/55

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

Blocks for sensors and actuators/PNE

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 371 51	400	300	300	27	24	20	20	2.5	12	12
0 371 52										

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

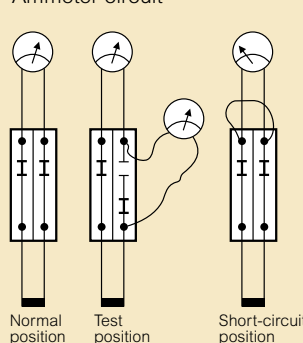
Disconnect block for measurement

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)	
0 371 92	800	-	-	24	-	-	4	-	-	

IEC EN 60947-7-1

Wiring principle for measurement blocks Cat.No 0 371 92

Ammeter circuit



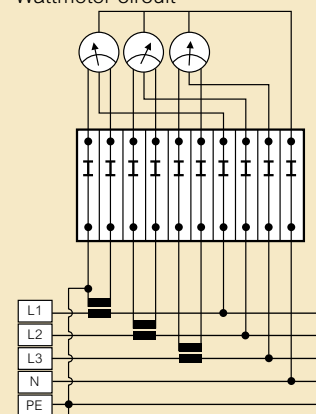
Normal position

Test position

Short-circuit position

Per circuit:
2 x Disconnect blocks for measurement
Cat.No 371 92
4 x Measurement sockets for Ø4 mm plug
Cat.No 375 77
1 x End cap Cat.No 375 57
1 x Shunt with Ø4 mm plugs

Wattmeter circuit



10 x Disconnect blocks for measurement
Cat.No 371 92
12 x Measurement sockets for Ø4 mm plug
Cat.No 375 77
1 x End cap Cat.No 375 57
3 x Shunts with Ø4 mm plugs

Stripped lengths (mm)

Screw terminal pitch (mm)	Rigid or flexible wire
5	6 to 8
6	
8	
10	10 to 12
12	13 to 17 except for Cat.No 0 371 87 : 11 to 14
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 wire test defined in the standard in force, the temperature of the incandescent wire being 960 °C"

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

Viking™ 3 terminal blocks with spring connection

■ Characteristics

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11
Insulating material for terminal blocks: polyamide - 30° C to + 100° C

Connecting blocks

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 00	800	600	600	36	32	20	20	4	12	12
0 372 01				48	41	30	30	6	10	10
0 372 02				63	57	50	50	10	8	8
0 372 03				85	76	60	60	16	6	6
0 372 04	500	300	300	36	32	20	20	4	12	12
0 372 07				48	41	30	30	6	10	10
0 372 08				63	57	50	50	10	8	8
0 372 09				85	76	60	60	16	6	6
0 372 20	800	600	600	36	32	20	20	4	12	12
0 372 21				48	41	30	30	6	10	10
0 372 40				63	57	50	50	10	8	8
0 372 41				85	76	60	60	16	6	6
0 372 42				36	32	20	20	4	12	12
0 372 43				48	41	30	30	6	10	10
0 372 44				63	57	50	50	10	8	8
0 372 46				85	76	60	60	16	6	6
0 372 47				36	32	20	20	4	12	12
0 372 60				48	41	30	30	6	10	10
0 372 61				63	57	50	50	10	8	8
0 372 62				85	76	60	60	16	6	6
0 372 63				36	32	20	20	4	12	12
0 372 64				48	41	30	30	6	10	10
0 372 67				63	57	50	50	10	8	8
0 372 68				85	76	60	60	16	6	6
0 372 69	800	600	600	36	32	20	20	4	12	12

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

Blocks for protection conductor

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	Ie	IEC	CSA	UL (mm²)	CSA (AWG)	UL (AWG)
0 372 10	800	600	600	-	-	-	4	10	10
0 372 11				-	-	-	6	8	8
0 372 12				-	-	-	10	6	6
0 372 70				-	-	-	16	4	4
0 372 71				-	-	-	10	6	6
0 372 72				-	-	-	16	4	4
0 372 73 ⁽¹⁾				-	-	-	10	6	6
0 372 74 ⁽¹⁾				-	-	-	16	4	4
0 372 79	800	600	600	-	-	-	10	6	6

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

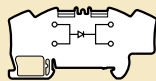
Function blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	Ie	IEC	CSA	UL (mm²)	CSA (AWG)	UL (AWG)
0 372 54	500	300	300	1	0.6	0.6	4	12	12
0 372 55				1	0.6	0.6	4	12	12
0 372 56				1	0.6	0.6	4	12	12

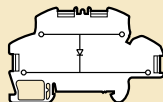
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Schematic diagrams

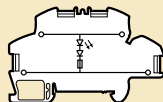
Cat.No 0 372 54



Cat.No 0 372 55



Cat.No 0 372 56



Diode for Cat.Nos 0 372 54/55
- 1N4007 type 1A
- 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 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 connecting terminal blocks, and blocks for protection conductor with metal base (detailed list on p. 906)
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
2-level terminal blocks: 250 V

Rated current:

Conductor cross-section (mm²)	4	6	10	16
Rated current (A)	23	30	42	57

Attestation of conformity of component for the customer is available on request

Disconnect blocks

Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0 372 80	500	300	300	15	14	14	2.5	14	14
0 372 81 or 0 372 80 + 0 375 15	250	250	250	6.3	6.3	6.3			
0 372 82	500	300	300	15	14	14			
0 372 83									
0 372 84									
0 372 85									
0 372 86									

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

Power according to IEC 60947-7-3

Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0 372 81 ou 0 372 80 + 0 375 15 ⁽¹⁾	4 W / 6.3 A Pvk = 4.75 W	1.6 W / 6.3 A Pvk = 2 W	1.6 W / 6.3 A Pv = 1.65 W	-

(1): With or without blown fuse indicator Cat.No 375 25

Stripped lengths (mm)

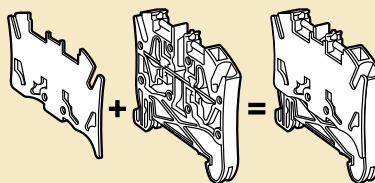
Spring terminal pitch (mm)	Rigid or flexible wire
5	8 to 12
6	
8	
10	8 to 13
12	8 to 15

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 wire test defined in the standard in force, the temperature of the incandescent wire being 960 °C"
Viking 3 terminal blocks satisfy the incandescent wire test 960 °C according to standard IEC 60695-2-11

Blocks with 5 mm pitch/6 mm pitch

The active part of spring terminal blocks with 5 mm pitch is identical to that of blocks with 6 mm pitch. The absence of an end cap is the only difference between blocks with 5 mm pitch and blocks with 6 mm pitch



End cap + block with 5 mm pitch

Block with 6 mm pitch and built-in divider

Terminal blocks with 5 mm pitch are therefore 4 mm² nominal / 32 A blocks. Only a connection with end cap limits terminal blocks with 5 mm pitch to 2.5 mm² / 24 A:

	Rigid conductor	Flexible conductor	Flexible conductor with ferrule
Blocks with 5 mm pitch	6 mm² / 32 A	4 mm² / 32 A	2.5 mm² / 24 A
Blocks with 6 mm pitch			4 mm² / 32 A

Spring terminal blocks with 5 mm pitch can therefore reduce the dimensions of 32 A terminal blocks connected with a rigid or flexible conductor without end cap

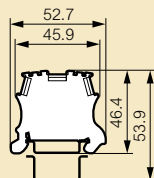
Viking™ 3 accessories for terminal blocks

■ Characteristics and dimensions (mm)

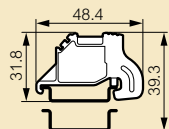
V2 polyamide according to UL 94

End stops

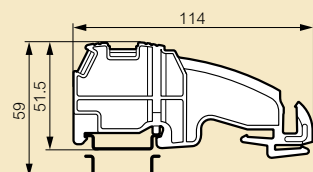
Cat.No 0 375 10



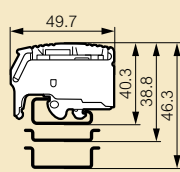
Cat.No 0 375 11



Cat.No 0 375 12



Cat.No 0 375 13



End caps

Cat.Nos	Thickness (mm)
0 375 50	2
0 375 51	2.5
0 375 52	2
0 375 53	2
0 375 54	2.5
0 375 55	2
0 375 56	1.4
0 375 57	1.4
0 375 58	1
0 375 59	1.1
0 375 60	1.1
0 375 61	1.1
0 375 62	1.1
0 375 63	1.1
0 375 64	1.1
0 375 65	1.1
0 375 66	1.1
0 375 67	1.1
0 375 68	1.1
0 375 69	1.1
0 375 70	1.1
0 375 71	1.1
0 375 72	1.1
0 375 73	1.1
0 375 74	1.1
0 375 75	1.1
0 375 76	1.1
0 375 77	1.1
0 375 78	1.1
0 375 79	1.1
0 375 80	1.1
0 375 81	1.1
0 375 82	1.1
0 375 83	1.1
0 375 84	1.1
0 375 85	1.1
0 375 86	1.1
0 375 87	1.1
0 375 88	1.1
0 375 89	1.1
0 375 90	2

Separation and insulation dividers

Cat.Nos	Thickness (mm)
0 375 54	2.5
0 375 60	2.5
0 375 61	2.6
0 375 62	2.5
0 375 63	2.5
0 375 95	2.8
0 375 96	2.7

Equipotential bridging combs/bars

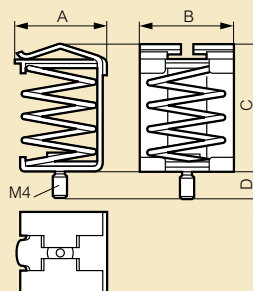
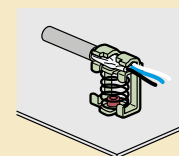
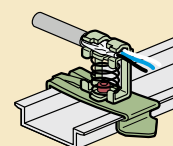
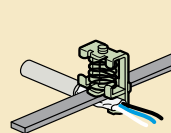
Cat.Nos	Cross-section (mm²)
0 375 00/01	2.5
0 375 02	2.5
0 375 03/04	4
0 375 05	4
0 375 07	6
0 375 08	6
0 375 40	10
0 375 42	16
0 375 44	35
0 375 46	2.5
0 375 47	2.5
0 375 82	10
0 375 85	16

Shielding clamps

Mounting on bar
10 x 3 Cat.No 0 375 34

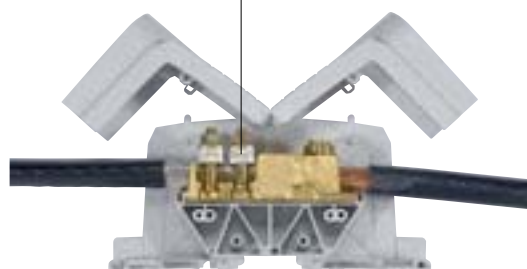
Mounting on rail
with accessory
Cat.No 0 364 69

Mounting on plate



Cat.Nos	A	B	C	D
0 375 30	13.5	18	26	5.6
0 375 31	20	20.3	31.4	5.3
0 375 32	24.8	26	40	5.3

Viking™ 3 power terminal blocks



0 390 11 (interior view with covers cut away)

Al/Cu direct connection
without cable lug

Built-in
insulation
dividers



Possibility of sealing



CAB 3 and Duplex
marking

Built-in removable
adjustable covers



0 390 72



0 390 31



Approvals p. 906

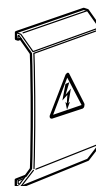
Bridging the gap between the enclosure and external cables

Pack	Cat.Nos	Aluminium/copper power terminal blocks with connectors		
		For aluminium/copper cables, copper bars or cable lugs (see selection chart p. 311) Direct connection of cable Insulation and protection against direct contact without additional accessories (built-in dividers and covers) Pre-cut removable covers for adjustment to the various connection modes Fixed using metal clip for rails 15 mm depth and EN 60715 15 mm depth, or on plate with screws Permits the use of Cab 3, Duplex markers Test via test plug closed covers Blocks with identical pitch can be joined using a threaded rod Shunting possible with Cat.Nos 0 394 46/47		
5	0 390 10	Cable - cable Rigid or flexible cable (mm ²)	Rigid or flexible cable (mm ²)	Pitch (mm)
5	0 390 11	Al/Cu 35 to 120	Cu 35 to 70	42
		Al/Cu 70 to 300	Cu 70 to 150	55
5	0 390 13	Cable lug - cable lug Max. connection (mm ²)	Max. connection (mm ²)	Pitch (mm)
5	0 390 14	Al/Cu 95	Al/Cu 95	36
5	0 390 15	Al/Cu 150	Al/Cu 150	42
		Al/Cu 300	Al/Cu 300	55
5	0 390 17	Cable lug - cable Max. connection (mm ²)	Rigid or flexible cable (mm ²)	Pitch (mm)
5	0 390 18	Al/Cu 150	Cu 35 to 95	42
		Al/Cu 300	Cu 70 to 150	55
5	0 390 20	Cable - cable lug Rigid or flexible cable (mm ²)	Max. connection (mm ²)	Pitch (mm)
5	0 390 21	Al/Cu 35 to 120	Al/Cu 120	42
		Al/Cu 70 to 300	Al/Cu 300	55

Pack	Cat.Nos	Equipotential bonding shunts
5	0 394 46	For aluminium/copper terminal blocks with connectors Supplied with screws
5	0 394 47	For blocks with pitch 36 and 42 mm For blocks with pitch 55 mm

Pack	Cat.Nos	Power terminal blocks without connectors		
		For copper bars or cable lugs Insulation dividers and protective covers to be ordered separately For use with terminal marker sheets (p. 304) Cable lug - cable lug for symmetrical rails Fixed using metal clip on rails 15 mm depth and EN 60715 15 mm depth		
5	0 390 71	Connecting max. (mm ²)	Pitch (mm)	
5	0 390 72	35	26	
5	0 390 73	70	34	
5	0 390 74	120	34	
		240	46	
5	390 31	Cable lug - cable lug for asymmetrical rails Fixed using metal clip on rails EN 60715		
5	390 32	35	26	
5	390 33	70	34	
5	390 34	120	34	
		240	46	

Pack	Cat.Nos	Insulation and protection accessories
		For terminal blocks without connectors
		Separation barriers Take protective covers Marking possible with CAB 3 (p. 314)
10	0 394 77	For blocks with pitch 26 mm
10	0 394 78	For blocks with pitch 34 and 46 mm
5	0 394 86	Protective covers For mounting on separation barriers For 3 blocks with pitch 46 mm or for 4 blocks with pitch 34 mm
5	0 394 88	For 4 blocks with pitch 26 mm
5	0 394 89	For 4 blocks with pitch 46 mm



End stops (p. 304)

Al/Cu distribution boxes (p. 193)

CAB 3 marking system (p. 314)

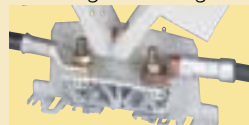
Selection chart

		Al bare cable	Cu bare cable	Cu cable lug Al-Cu cable lug Cu bar
	Al bare cable	2 shunted blocks: 2x 390 10 2x 390 11 2x 390 20 2x 390 21	0 390 10/11	0 390 20/21
	Cu bare cable	390 10/11	0 390 10/11	0 390 17/18/20/21
	Cu cable lug Al-Cu cable lug Cu bar	390 20/21	0 390 17/18 0 390 20/21	0 390 13/14/15

Cat.Nos 0 390 10/11
Cable Al/Cu - Cable Cu



Cat.Nos 0 390 13/14/15
Cable lug - cable lug



Cat.Nos 0 390 17/18
Cable lug - Cable Cu



Cat.Nos 0 390 20/21
Cable Al/Cu - Cable lug



Characteristics of Al/Cu terminal blocks with connectors

Conform to IEC EN 60947-7-1, UL 1059, UL 486 E and CSA C 22-2 n° 158
Insulation voltage U_i : 1000 V AC-DC
Impulse voltage U_{imp} : 12 kV
Overvoltage category: 4
Use in pollution atmosphere 3
Fire resistance:
- 960 °C (except cover) acc. to IEC EN 60695-2-11
- V2 according to UL 94
Insulating material:
- polyamide body - 30 °C to + 100 °C
- polypropylene cover -25 °C to + 100 °C
IK 04

Block only

Cat.Nos	Current (A)			Icw (kA)	Terminal width (mm)	Ø screw	Tightening torque (Nm)
	Copper - Copper IEC	UL	CSA				
0 390 10	250	200	175	250	8,4	-	15
0 390 11	400	300	285	400	18	-	35
0 390 13	310	250	230	220	11,4	M 8	15
0 390 14	415	340	285	300	18	M 10	15
0 390 15	670	520	420	480	36	M 12	35
0 390 17	315	210	230	315	11,4	M 10	15
0 390 18	420	325	285	420	18	M 12	35
0 390 20	340	235	255	250	8,4	M 10	15
0 390 21	570	375	420	400	18	M 12	35

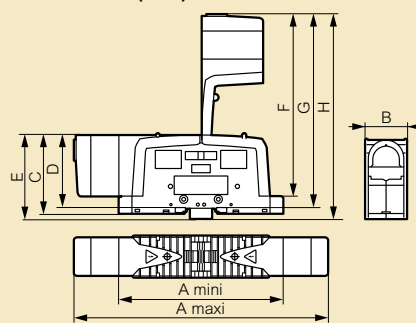
Shunted block

Block + shunt Cat.Nos	Current (A)		Icw (kA)	Shunt tightening torque (Nm)
	Copper - Copper IEC	Al-Al / Al-Cu / Cu-Al		
0 390 10 + 0 394 46 + 0 390 10	340	250	14,4	6
0 390 11 + 0 394 47 + 0 390 11	570	400	36	10
0 390 13 + 0 394 46 + 0 390 13	310	220	11,4	6
0 390 14 + 0 394 46 + 0 390 14	415	300	18	6
0 390 15 + 0 394 47 + 0 390 15	670	480	36	10
0 390 17 + 0 394 46 + 0 390 17	415	315	18	6
0 390 18 + 0 394 47 + 0 390 18	670	420	36	10
0 390 20 + 0 394 46 + 0 390 20	340	250	14,4	6
0 390 21 + 0 394 47 + 0 390 21	570	400	36	10

AWG cable cross-sections

mm2	35	70	95	120	150	185	300
AWG	2	00	0000	250	300	350	600

Dimensions (mm)



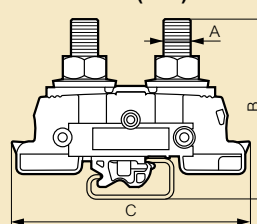
Cat.Nos	A max	A mini	B	C	D	E	F	G	H
0 390 13	227	155	36	82	73	88	176	185	191
0 390 10/14/17/20	296	200	42	83.5	74.5	89.5	212	221	227
0 390 11/15/18/21	337	216	55	107.3	98.5	113.5	257	266	272

Characteristics of terminal blocks without connectors

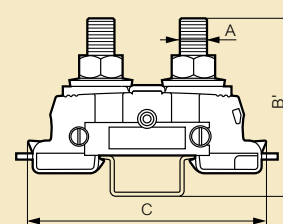
Conform to IEC EN 60947-7-1
Insulation voltage U_i : 1000 V AC-DC
Fire resistance:
- 960 °C acc. to IEC EN 60695-2-11
- V2 according to UL 94
Insulating material: polyamide - 30 °C to + 100 °C

Cat.Nos	Current (A) Copper - Copper IEC	Icw (kA)	Terminal width (mm)	Ø screw	Tightening torque (Nm)
0 390 31/71	125	4,2	15	M 8	10
0 390 32/72	192	8,4	20	M 10	20
0 390 33/73	269	14,4	25	M 10	20
0 390 34/74	415	28,8	35	M 12	40

Dimensions (mm)



Cat.Nos 0 390 31/32/33/34

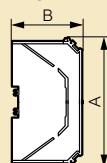


Cat.Nos 0 390 71/72/73/74

Cat.Nos	A	B
0 390 31/71	56	84
0 390 32/72	61	84
0 390 33/73	61	84
0 390 34/74	64	86

Cat.Nos	Separation and insulation divider	Protective cover	
		4 blocks	3 blocks
0 390 31/71	0 394 77	0 394 88	-
0 390 32/72	0 394 78	0 394 86	-
0 390 33/73	0 394 78	0 394 86	-
0 390 34/74	0 394 78	0 394 89	0 394 86

Separation barriers dimensions (mm)



Cat.Nos	A	B	th.
0 394 77	106	82	8
0 394 78	188	102	12

Cat.Nos 0 394 77/78