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	Ie	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
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
Ie: Rated current NF C 15100 table 52H, column 4

Approved by ATEX:
LCIE 07 ATEX 0010 U-0081 Ⓔx 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	Ie	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
Ie: 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									
0 371 84									
0 371 85									
0 371 86									
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

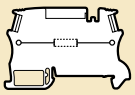
Function blocks

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

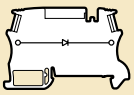
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Schematic diagrams

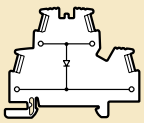
Cat.No 0 371 53



Cat.No 0 371 54



Cat.No 0 371 55



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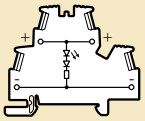


Diode for Cat.Nos 0 371 54/55
- 1N4007 type 1A
- direct current ⎓ 1 A
- peak inverse voltage 1000 V
- inverse current 5 µA at 25 °C

Blocks for sensors and actuators/PNE

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	Ie	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
Ie: Rated current NF C 15100 table 52H, column 4

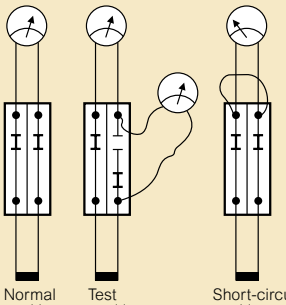
Disconnect block for measurement

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

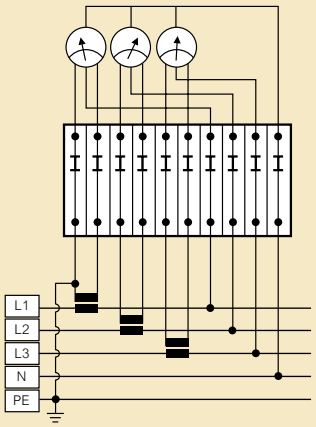
Wiring principle for measurement blocks Cat.No 0 371 92

Ammeter circuit



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 to 12
10	
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

Dimensions see **e-catalogue**

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 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

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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
20	0 371 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	0 371 81	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For neutral circuit with blue handle lever				
20	0 371 82	Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with handle lever				
20	0 371 83	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with mini lever				
20	0 371 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	0 371 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	0 371 86	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
		For cartridge 5 x 20 with screwed plug				
20	0 371 87	Grey	10	0.25 to 10	0.25 to 10	12

For detailed dimensions,
see e-catalogue

Function blocks

1 connection - modular
Component connected with screws

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
20	0 371 53	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		1 connection - diode carrier				
20	0 371 54	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		2 connections on 2 levels - diode carrier				
60	0 371 55	Grey	4	0.25 to 6	0.25 to 4	6
		2 connections on 2 levels - with LED				
		Voltage presence indicator (12/24V⎓ and ∿)				
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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
		3 connections on 3 levels - for sensor				
50	0 371 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	0 371 52[1]	Grey	2.5	0.25 to 4	0.25 to 2.5	5

Disconnect for measurement

1 connection
With its accessories, allows intervention (measurements, maintenance, etc) on a current, voltage and power measuring circuit by keeping the current transformer secondary circuit closed

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²) with or without ferrules	Pitch (mm)
25	0 371 92	Grey	4	0.25 to 4	0.25 to 4	8

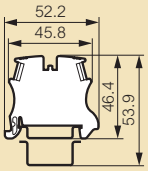
1: Rigid wire capacity: 2.5 mm² max with equipotential brigding comb

Viking™ 3 terminal blocks with screw connection

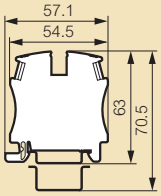
■ Dimensions (mm)

Connecting blocks

Cat.Nos 0 371 00/01/02/ 03/20/21/30/31/60/61/62/ 63/77/78



Cat.Nos 0 371 04/05/64/65/98/99



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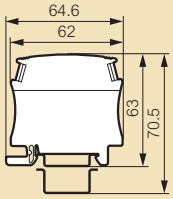
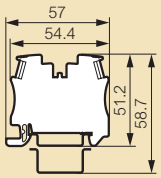


Cat.Nos 0 371 09/69



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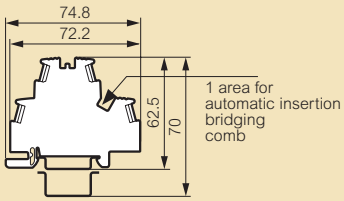
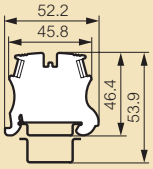


Blocks for protection conductor

Cat.Nos 0 371 70/71/72/73



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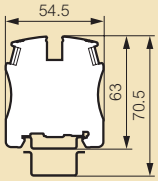

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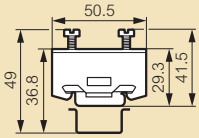

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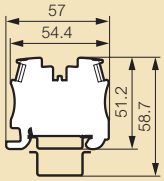
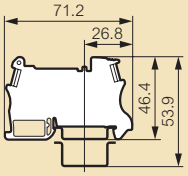


Disconnect terminal blocks

Cat.No 0 371 80



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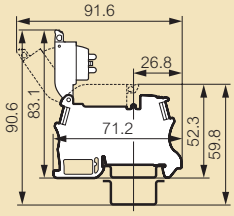

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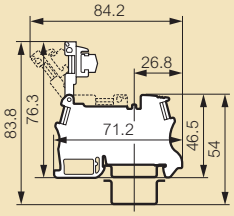

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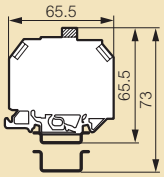
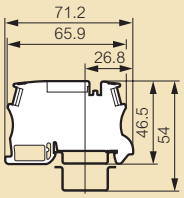
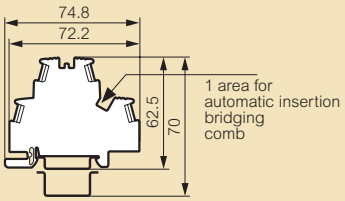


Function blocks

Cat.Nos 0 371 53/54

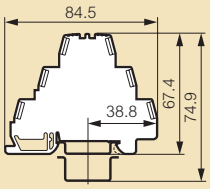


Cat.Nos 0 371 55/56



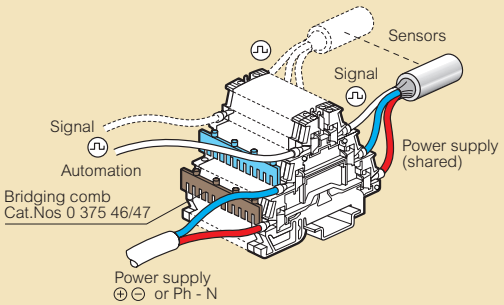
Blocks for sensors and actuators/PNE

Cat.Nos 0 371 51/52

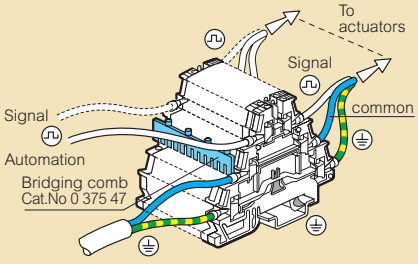


Wiring principle

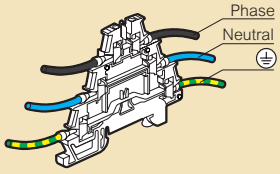
Block for sensor Cat.No 0 371 51



Block for actuator Cat.No 0 371 52

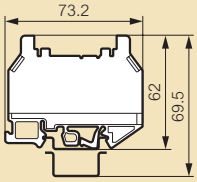


PNE block Cat.No 0 371 52



Disconnect block for measurement

Cat.No 0 371 92

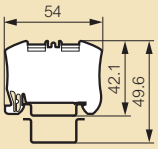


Viking™ 3 terminal blocks with spring connection

■ Dimensions (mm)

Connecting blocks

Cat.Nos 0 372 00/01/20/ 21/60/61/70/71



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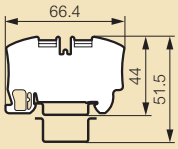

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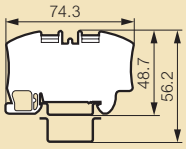

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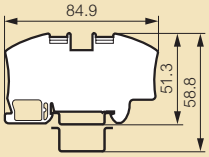

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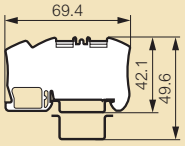

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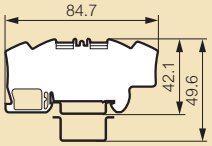

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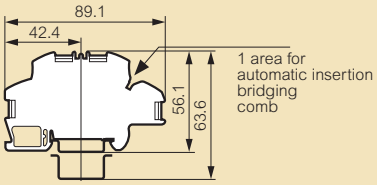

Disconnect blocks

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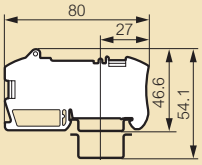

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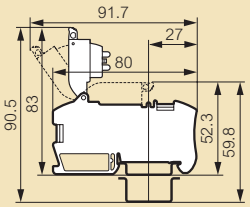

Cat.No 0 372 84/86

