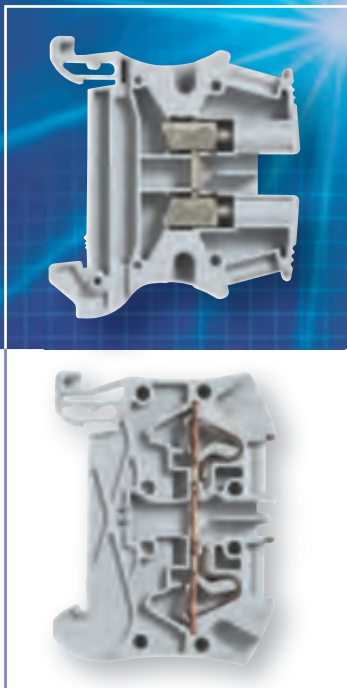


New Viking™ 3, the innovation

Screw or automatic spring connection



A NEW RANGE,
BORN OF RESEARCH & EXPERIENCE

 **legrand**®

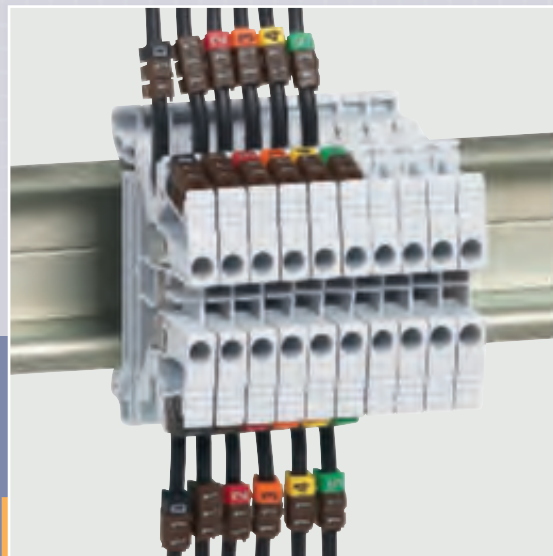
INDEX

—▶ Screw connection	2
—▶ Automatic spring connection	4
—▶ Common accessories	6
—▶ Catalogue pages	8
▶ Selection table	8
▶ Viking 3	14
▶ CAB 3 marking and isolating sleeves	26
▶ CAB 3 marking system	27
▶ Starfix ferrules and crimping tools	30



For over 30 years, Legrand has produced Viking 3 screw terminal blocks in its Normandy factories for the whole world. Millions of wiring installers have used the different generations. They are constantly providing ideas for improvement which today make them a benchmark in the connection field.

Viking 3 terminal blocks are the core of a reliable and easy to use connection system, together with CAB 3 marking system and Starfix ferrules and crimping tools.



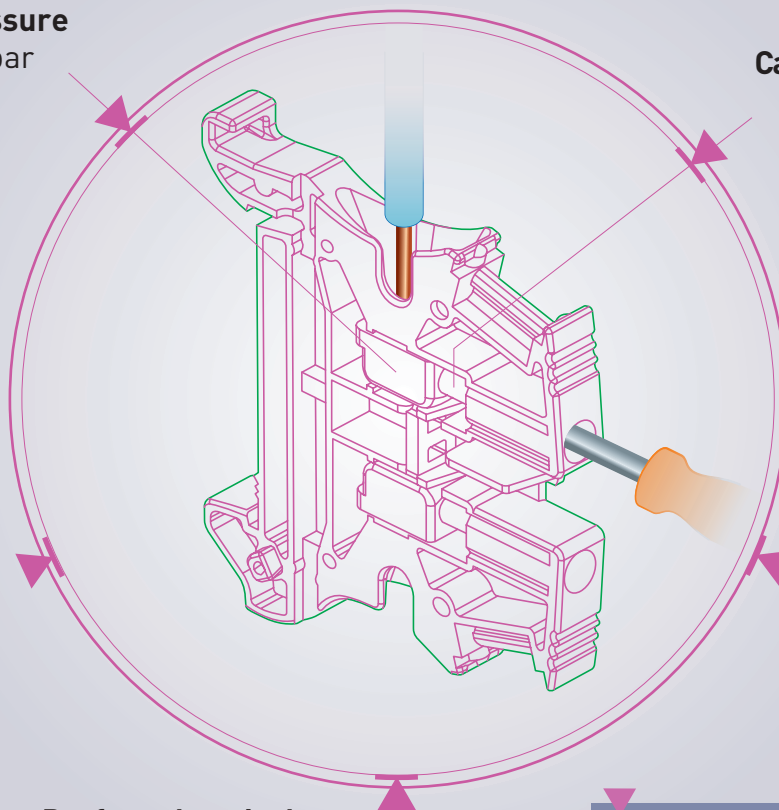
Viking 3 terminal blocks and their CAB 3 marking system

Strength and security:

High contact pressure
using the clamp/bar
system

Captive screw

Excellent mechanical strength
with a specially selected clamp
made of surface-treated steel ⁽¹⁾

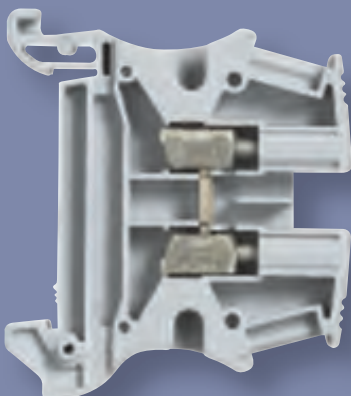


Clamping tried and tested for strength, pulling-out, destructive torque resistance and ageing

Perfect electrical conduction with the tinned brass bar ⁽¹⁾

Permissible cross-sections:
0.25 mm² to 70 mm²
(flexible wire) and 0.25 mm²
to 95 mm² (rigid wire)

⁽¹⁾ Complies with RoHS (Restriction of Hazardous Substances) requirements



International approvals:
UL/CSA/NF/VDE/IMQ/BV
ATEX certification

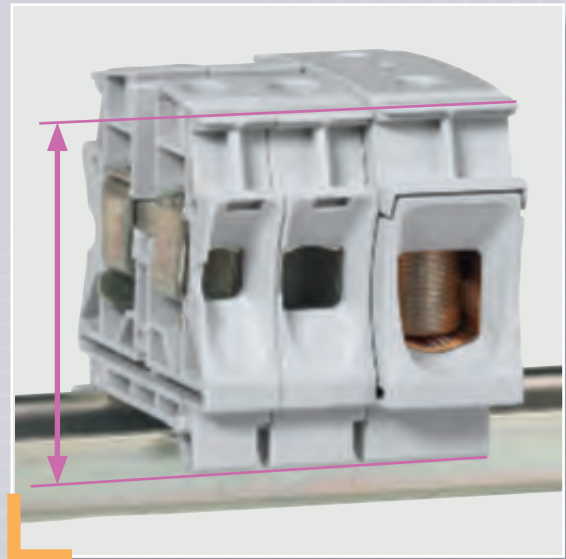


Conforms to IEC EN 60947-7-1,
IEC EN 60947-7-2 and IEC EN 60947-7-3

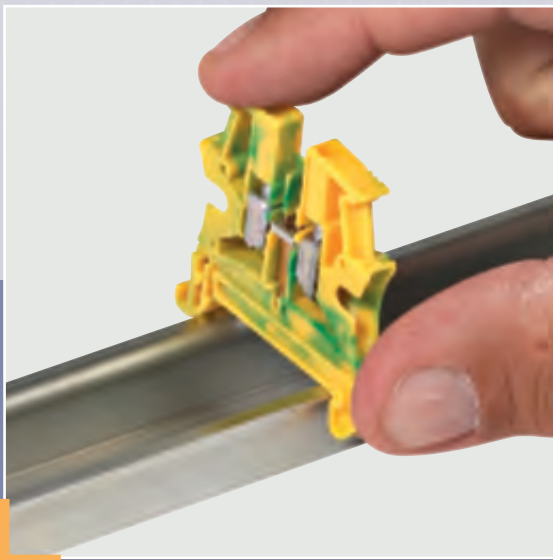
screw connexion


► The other innovations

Optimized size, simplified fixing and standardized end caps systems bring comfort of use for the new Viking 3 range and make installation, connection and marking easier than ever.



Identical height for blocks of 16 mm² to 70 mm²



Direct screwless fixing on  rail for protection conductor modules (for pitches of 5 to 10)



Single end caps for pitches of 5 to 10

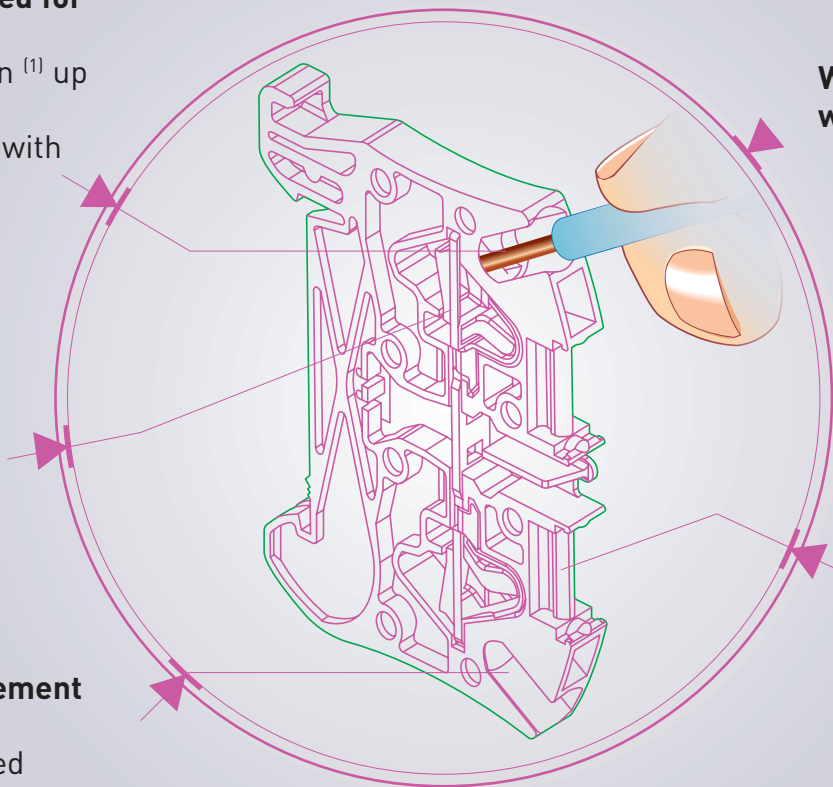
Reliability and time saving:

No tool required for connection:

Direct insertion ⁽¹⁾ up to pitch of 6.
Disconnection with screwdriver

Constant contact pressure

Better management of wires with the inclined cable entries



With or without ferrule

Double central marking area

Permissible cross-sections:
0.5 mm² to 16 mm²

[1] For a flexible wire with no ferrule, the spring is opened using a screwdriver



International approvals:
UL/CSA/NF/VDE/IMQ/BV
ATEX certification



Conforms to IEC EN 60947-7-1,
IEC EN 60947-7-2 and IEC EN 60947-7-3

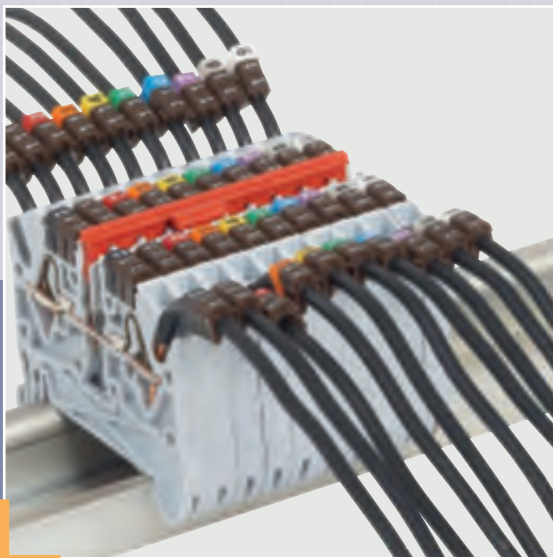
automatic spring connection

▶ The other innovations

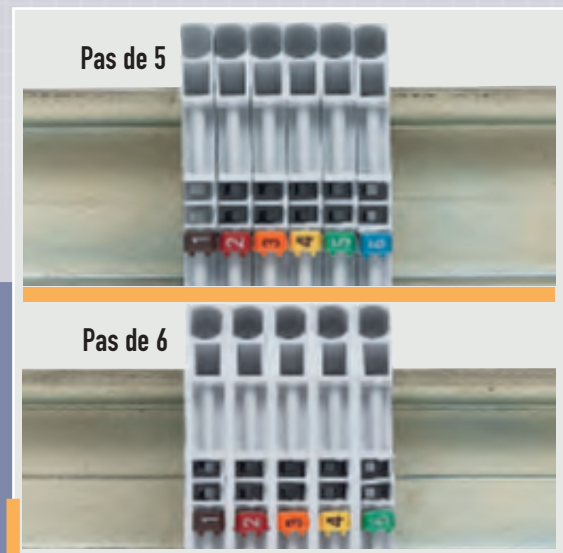
Actively listening to installers has resulted in Legrand's Research & Development department creating an innovative new Viking 3 spring terminal block which, over and above connection quality, has many advantages.



Integrated end caps for pitches of 6 to 12

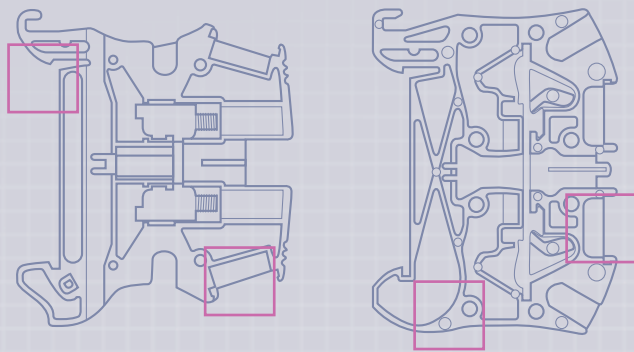


Bridging combs and markings are perfectly visible

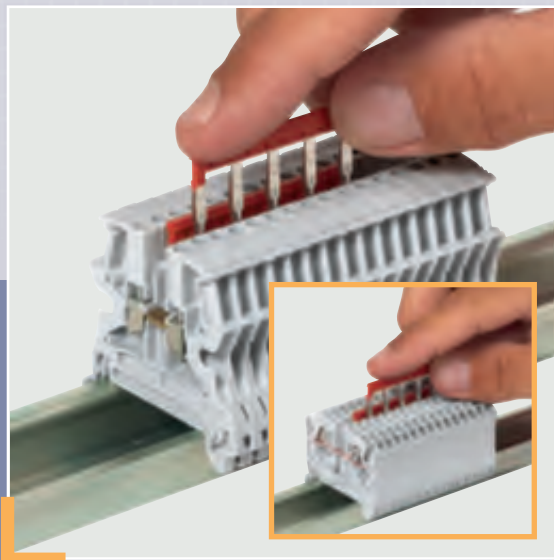


Optimized terminal block size. Identical electrical characteristics for blocks with a pitch of 5 and those with a pitch of 6 (one block gained every 5 blocks with a pitch of 5)

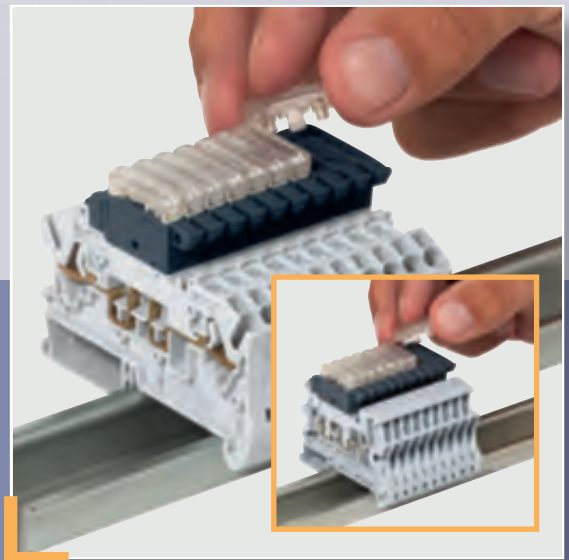
Screw or automatic spring: more convenient wiring and easier use



End stop: screwless fixing

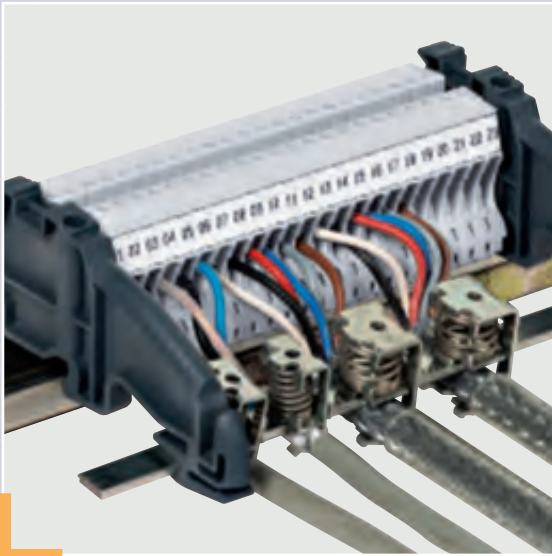


Automatic-insertion bridging comb up to pitch of 8, 2 areas allowing pitch jumps

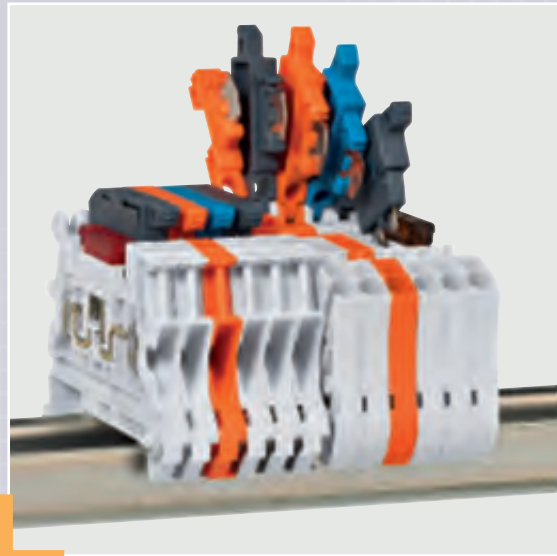


Blown fuse indicator can be added at the last moment (12/48 V or 110/250 V)

thanks to common accessories.



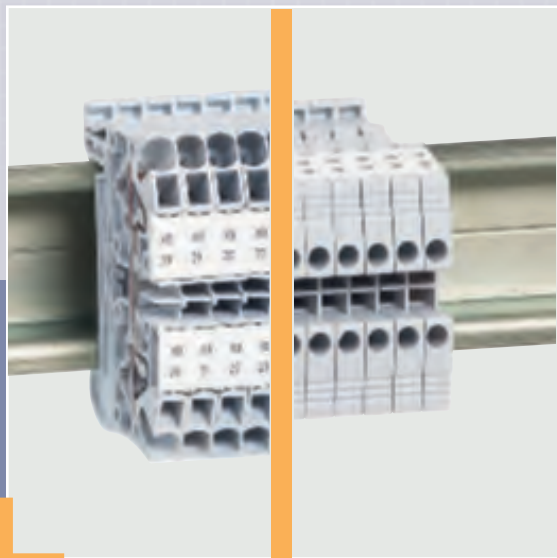
Managing cable shielding with dedicated accessories



Addition of functions on module for equipping: standard, neutral or protected isolation, mini-circuit-breaker, automotive-type fuse, etc.



Possibility of either manual marking (CAB 3)...



...and computerized (Logicab 2)

Viking™ 3 terminal blocks with screw connection and accessories

NEW



ELECTRICAL FUNCTION

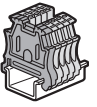
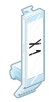

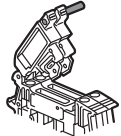
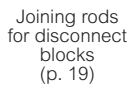
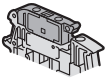
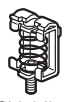

371 61 371 63 371 64 371 66 371 69 371 68 371 00 371 08 371 20 371 30	Connecting (p. 14)	<p>1 connection - 1 entry/1 outlet</p> <p>1 connection - 2 entries/2 outlets</p> <p>2 connections on 2 levels</p> <p>3 connections on 3 levels</p>	
371 71 371 76 371 78 371 79	For protection conductor (p. 14)	<p>1 connection - 1 entry/1 outlet - metal base</p> <p>1 connection - 1 entry/1 outlet - plastic base⁽¹⁾</p> <p>1 connection - 2 entries/2 outlets - metal base</p>	
371 80 371 81 371 84 371 86 371 87	Disconnect (p. 15)	<p>1 connection</p> <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> With handle lever With mini lever For circuit not broken <ul style="list-style-type: none"> With handle lever With mini lever For fuse cartridge 5 x 20 with screwed plug For fuse cartridge 6.3 x 32 with screwed plug 	
371 53 371 56	Function blocks (p. 15)	<p>1 connection</p> <ul style="list-style-type: none"> Modular Diode carrier 1N4007 <p>2 connections on 2 levels</p> <ul style="list-style-type: none"> Diode carrier 1N4007 With voltage presence LED 	
371 51 371 52 371 92	For sensor and actuator (p. 15) PNE (p. 14) Measurement (p. 15)	<p>3 connections on 3 levels</p> <ul style="list-style-type: none"> Sensor Actuator Phase/Neutral/Earth <p>1 connection</p> <ul style="list-style-type: none"> Disconnect for measuring circuit 	

(1) Can be used for protection conductor inside class II equivalent assemblies
 (2) Blown fuse indicator 12/24/48 V ~ / ~. Cat.No 375 24 or 110/250 V~. Cat.No 375 25
 (3) Or end stop Cat.No 375 10

(4) Upper level
 (5) Lower level only
 (6) Lower and intermediate levels

Red catalogue numbers: New products

Old range (p. 12-13) available while stocks last

TERMINAL BLOCK				INSULATION		EQUIPOTENTIAL LINK					PROTECTION		MEASURE- MENT	ASSOCIATED PRODUCTS
Nominal cross-section (mm ²)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and 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 socket	
2.5	5	● 371 60	375 50 ⁽³⁾	375 60	375 02			375 01			375 65	375 68	375 27	 End stops (p. 18)
		● 371 00												
		● 371 20												
		● 371 30												
4	6	● 371 61	375 50 ⁽³⁾	375 60	375 05			375 04			375 65	375 68	375 27	 Label holder for end stop (p. 18)
		● 371 01												
		● 371 21												
		● 371 31												
6	8	● 371 62	375 50 ⁽³⁾	375 60	375 08	375 07					375 66	375 68	375 27	
		● 371 02												
10	10	● 371 63	375 50 ⁽³⁾	375 60						375 40	375 66	375 68	375 75	
		● 371 03												
16	12	● 371 64	375 51	375 61						375 42	375 67	375 69	375 76	
		● 371 04												
35	15	● 371 65	375 51	375 61						375 44	375 67	375 69	375 76	 Handle lever mini lever (p. 19)
		● 371 05												
70	22	● 371 66	built-in											
4	6	● 371 69	375 52	375 62	375 05			375 04					375 27	
		● 371 09												
2.5	5	● 371 67	375 53	375 63	375 02			375 01					375 27 ⁽⁴⁾	
		● 371 07												
4	6	● 371 68	375 53	375 63	375 05			375 04					375 27 ⁽⁴⁾	 Blown fuse indicators (p. 19)
		● 371 08												
2.5	5	● 371 51	375 54	375 54	375 02 ⁽⁴⁾			375 01 ⁽⁴⁾	375 46 ⁽⁶⁾	375 47 ⁽⁶⁾			375 27 ⁽⁴⁾	 Joining rods for disconnect blocks (p. 19)
		● 371 70												
4	6	● 371 71	375 50 ⁽³⁾	375 51										
6	8	● 371 72												
10	10	● 371 73												
16	12	● 371 74												
35	15	● 371 75												
35	15	● 371 76												
4	6	● 371 77	375 50 ⁽³⁾	375 60	375 05			375 04			375 65	375 68		
		● 371 09												
6	8	● 371 78	375 50 ⁽³⁾	375 60	375 08	375 07					375 66	375 68		
4	6	● 371 79	375 52											 Blown fuse indicators (p. 19)
2.5	6	● 371 80	375 55	375 62	375 05			375 04					375 27	
		● 371 81												
		● 371 81 + 375 24/25 ⁽²⁾												
		● 371 82												
		● 371 83												
		● 371 84												
		● 371 85												
		● 371 86												
10	12	● 371 87	375 56											 Shielding (p. 19)
		● 371 88												
2.5	5	● 371 53	375 55					375 01					375 27	
		● 371 54												
4	6	● 371 55	375 53	375 63	375 05			375 04					375 27 ⁽⁴⁾	
		● 371 56												
2.5	5	● 371 51	375 54	375 54	375 02 ⁽⁴⁾			375 01 ⁽⁴⁾	375 46 ⁽⁶⁾	375 47 ⁽⁶⁾			375 27 ⁽⁴⁾	
		● 371 52												
4	8	● 371 92	375 57										375 77	 CAB 3 (p. 27)


Viking™ 3 terminal blocks with spring connection and accessories

NEW

for copper cable



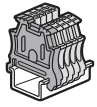


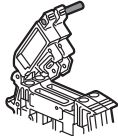
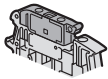

ELECTRICAL FUNCTION

 372 60  372 61  372 64  372 40  372 69  372 68  372 02  372 47  372 21  372 42	<p>Connecting (p. 16)</p>	<p>1 connection - 2 wires - 1 entry/1 outlet</p> <p>1 connection - 3 wires - 1 entry/2 outlets</p> <p>1 connection - 4 wires - 2 entries/2 outlets</p> <p>2 connections - 4 wires - 2 levels</p>	   
 372 70  372 71  372 72  372 12	<p>For protection conductor (p. 16)</p>	<p>1 connection - 2 wires - 1 entry/1 outlet - metal base</p> <p>1 connection - 3 wires - 1 entry/2 outlets - metal base</p> <p>1 connection - 4 wires - 2 entries/2 outlets - metal base</p>	  
 372 80  372 82  372 83  372 84	<p>Disconnect (p. 17)</p>	<p>1 connection 2 wires</p> <p>Open (to be equipped)</p> <p>For fuse cartridge 5 x 20 with handle lever</p> <p>For fuse cartridge 5 x 20 with handle lever + blown fuse indicator</p> <p>For neutral circuit with handle lever</p> <p>For standard circuit</p> <p>For circuit not broken</p> <p>With handle lever</p> <p>With mini lever</p> <p>With handle lever</p> <p>With mini lever</p>	       
 372 54	<p>Function blocks (p. 17)</p>	<p>1 connection 4 wires 2 entries/2 outlets</p> <p>Diode carrier 1N4007</p> <p>2 connections 4 wires 2 levels</p> <p>Diode carrier 1N4007</p> <p>With voltage presence LED</p>	  

(1) Blown fuse indicator 12/24/48V~ /~ Cat.No 375 24 or 110/250V~ Cat.No 375 25
 (2) Lower level only

(3) Upper level only

Old range (p. 12-13) available while stocks last

	TERMINAL BLOCK				INSULATION		EQUIPOTENTIAL LINK			MEASUREMENT	ASSOCIATED PRODUCTS			
	Nominal cross-section (mm ²)	Pitch (mm)	Colour	Cat.Nos	End cap	Separation and insulation divider	Comb for 2 blocks	Comb for 3 blocks	Comb for 10 blocks	Test socket				
	4	5	● 372 60	375 86	375 95	375 02		375 01	375 27	 End stops (p. 18)				
			● 372 00											
			● 372 20											
	4	6	● 372 61	built-in	375 95	375 05		375 04	375 27	 Label holder for end stop (p. 18)				
			● 372 01											
			● 372 21											
	6	8	● 372 62	built-in		375 08	375 07		375 27					
			● 372 02											
	10	10	● 372 63	built-in		375 82								
			● 372 03											
	16	12	● 372 64	built-in		375 85								
			● 372 04											
	4	5	● 372 40	375 87	375 95	375 02		375 01	375 27	 Handle lever mini lever (p. 19)				
			● 372 41											
			● 372 42											
	4	6	● 372 43	built-in	375 95	375 05		375 04	375 27					
			● 372 44											
	4	5	● 372 46	375 88	375 95	375 02		375 01	375 27	 Joining rods for disconnect blocks (p. 19)				
			● 372 47											
	4	6	● 372 69	built-in		375 05		375 04	375 27					
			● 372 09											
	4	5	● 372 67	375 89	375 96	375 02		375 01	375 27 ⁽³⁾					
			● 372 07											
	4	6	● 372 68	built-in	375 96	375 05		375 04	375 27 ⁽³⁾					
			● 372 08											
	4	5	● 372 70	375 86						 Blown fuse indicators (p. 19)				
	4	6	● 372 71											
	6	8	● 372 72											
	10	10	● 372 73											
	16	12	● 372 74											
	4	5	● 372 10	375 87										
			4	6							● 372 11	built-in		
											● 372 12	375 88		
			4	6							● 372 79	built-in		
	2.5	6	● 372 80	375 90		375 05		375 04	375 27	 Shielding (p. 19)				
			● 372 81											
			● 372 81 + 375 24/25 ⁽¹⁾								375 90			
			● 372 82											
			● 372 83											
			● 372 84								375 90	375 05	375 04	375 27
			● 372 85								375 90	375 05	375 04	375 27
			● 372 86								375 90	375 05	375 04	375 27
	4	5	● 372 54	375 88	375 95	375 02		375 01						
			● 372 55	375 89	375 96	375 02		375 01						
			● 372 56	375 89	375 96	375 02 ⁽²⁾		375 01 ⁽²⁾						

Viking™ 3 power terminal blocks

	ELECTRICAL FUNCTION	TERMINAL BLOCK				INSULATION Separation and insulation divider	EQUIPOTENTIAL LINK Shunt	PROTECTION		ASSOCIATED PRODUCTS CAB 3 (p. 27)
		Max. connection (mm ²)	Pitch (mm)	Cat.Nos				Cover 4 blocks	Cover 3 blocks	
				Rail	Rail					
 390 11 390 21 390 14	Cable - cable		42	390 10			394 46			
			55	390 11			394 47			
	Cable lug - Cable lug		36	390 13			394 46			
			42	390 14			394 46			
	Cable lug - Cable		42	390 17			394 46			
			55	390 18			394 47			
	Cable - Cable lug		42	390 20			394 46			
			55	390 21			394 47			
	For busbars or eyelets		35	26	390 71 ⁽¹⁾	390 31	394 77		394 88	
			70	34	390 72 ⁽¹⁾	390 32	394 78		394 86	
			120	34	390 73 ⁽¹⁾	390 33	394 78		394 86	
			240	46	390 74 ⁽¹⁾	390 34	394 78		394 89 394 86	

(1) Available March 2009

old range: Viking™ 3 terminal blocks and accessories and equivalences between old/new range

Old range available while stocks last

SCREW CONNECTION						SCREW CONNECTION (CONTINUED)							
		TERMINAL BLOCKS						TERMINAL BLOCKS					
		Nominal capacity (mm ²)	Pitch (mm)	Cat.Nos (old range)	Cat.Nos (new range)			Nominal capacity (mm ²)	Pitch (mm)	Cat.Nos (old range)	Cat.Nos (new range)		
Standard	1 connection	2.5	5	390 60	371 60	For neutral conductor	1 connection	2.5	5	393 00	371 00		
		4	6	390 61	371 61			4	6	393 01	371 01		
		6	8	390 62	371 62			6	8	393 02	371 02		
		10	10	390 64	371 63			10	10	393 03	371 03		
		16	12	390 66	371 64			16	12	393 04	371 04		
		35	15	390 68	371 65			35	15	393 05	371 05		
		70	22	390 70	371 66			4	6	393 07	371 08		
Function blocks	2 connections 2 levels	Shunted	4	6	390 76	371 69	For circuit not broken	1 connection	2.5	5	393 37	371 20	
		Diode carrier	4	6	390 80	371 55		1 disconnect connection	4	6	393 39	371 21	
		With voltage presence LED	4	6	390 81	371 56		4	6	393 38	371 85		
Disconnect	1 connection	Blade type	4	6	390 84	371 84	For sensor/actuator PNE	3 connections 3 levels	Sensor/power supply unit	2.5	5	390 51	371 51
		Neutral equipped	4	8	390 85	371 82			Actuator/power supply unit	2.5	5	390 52	371 52
		For cartridge 5 x 20	10	12	390 83	371 87		For special circuits	1 connection - red	2.5	5	393 29	371 30
			4	8	390 86	371 81				4	6	393 30	371 31
		For cartridge 6.3 x 32	4	8	390 87 ⁽¹⁾	371 81 + 375 25				2.5	5	393 31	-
10	12		390 89	371 88	4	6	393 32			-			
For cartridge 5 x 20	4	8	390 88	-	2.5	5	393 33			-			
Function blocks	2 connections 2 levels	For cartridge 5 x 20	4	8	390 88	-	For protection conductor	1 connection - Metal base	2.5	5	393 70	371 70	
		4	8	390 88	-	4			6	393 71	371 71		
		6	8	393 02	-	6			8	393 72	371 72		
		10	10	390 04	-	10			10	393 74	371 73		
		16	12	390 06	-	16			12	393 76	371 74		
		35	15	390 08	-	35			15	393 78	371 75		
		2 connections - 2 levels - Metal base	4	6	393 73	371 79			1 connection - Plastic base	4	6	393 81	371 77
1 connection - Plastic base	6	8	393 82	371 78	1 connection - Metal base - bare terminal	35	15	393 96	371 76				

(1) With blown fuse indicator (neon bulb 230 V~)

Red catalogue numbers: New products

old range: Viking™ 3 terminal blocks and accessories

and equivalences between old/new range (continued)

Available while stocks last

SPRING CONNECTION				TERMINAL BLOCKS				
				Nominal capacity (mm²)	Pitch (mm)	Cat.Nos (old range)	Cat.Nos (new range)	
Standard	1 connection	2 wires	2.5	5	396 01	372 60		
			4	6	396 04	372 61		
			6	8	396 05	372 62		
			10	10	396 06	372 63		
			16	12	396 07	372 64		
	3 wires 1 ent. - 2 out.	2.5	5	396 02	372 40			
		4	6	396 08	372 43			
	4 wires 1 ent. - 3 out.	2.5	5	396 03	372 46			
		2 connections 2 levels			4 wires	1.5	5	396 27
	For neutral conductor	1 connection	2 wires	2.5	5	396 11	372 00	
4				6	396 14	372 01		
6				8	396 15	372 02		
10				10	396 16	372 03		
16				12	396 17	372 04		
3 wires 1 ent. - 2 out.		2.5	5	396 12	372 41			
		4	6	396 18	372 44			
4 wires 1 ent. - 3 out.		2.5	5	396 13	372 47			
		2 connections 2 levels			4 wires	4	6	396 46
Disconnect		1 connection	2 wires	Blade type	4	6	396 28	372 84
	for cartridge 5 x 20			4	6	396 40 /41	372 81	
Diode carrier	1 connection	4 wires	2.5	5	396 42	372 54		
For protection conductor	1 connection	2 wires	2.5	5	396 21	372 70		
			4	6	396 24	372 71		
			6	8	396 25	372 72		
			10	10	396 26	372 73		
			16	12	396 29	372 74		
	3 wires 1 ent. - 2 out.	2.5	5	396 22	372 10			
		4	6	396 30	372 11			
	4 wires 1 ent. - 3 out.	2.5	5	396 23	372 12			
		2 connections 2 levels			4 wires	4	6	396 66

END STOPS		
	Cat.Nos (old range)	Cat.Nos (new range)
12 pitch end stop, tri-rail	394 00	375 13
8 pitch end stop, rail □	394 02	-
8 pitch end stop, rail ▤	394 03	375 11
10 pitch high end stop	394 04	-
10 pitch end stop, bar support	393 99	375 12



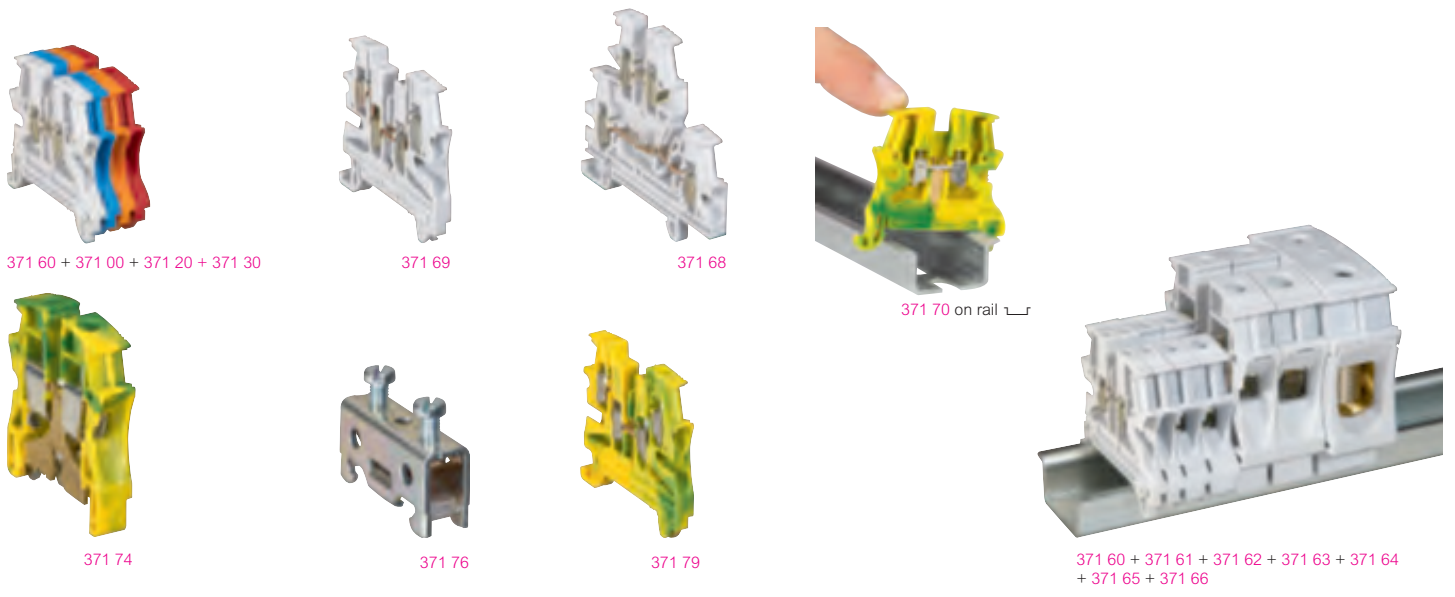
Discover the new Viking 3 terminal blocks with screw and spring connection

see p. 14

SCREW CONNECTION ACCESSORIES			
Cat.Nos	End cap	Cat.Nos	Equipotential bridging comb (continued)
394 50	Block with 1 connection - pitch 5-6	394 41	Pitch 5 - 3 blocks
394 51	Block with 1 connection - pitch 8-10	394 44	Pitch 6 - 3 blocks
394 52	Block with 1 connection - pitch 12-15	394 22	Sens./act. - pitch 5 - blue - 12 blocks
394 82	Block with 1 connection 1 ent./2 out. - pitch 6	394 23	Sens./act. - pitch 5 - brown - 12 blocks
394 55	Block with 2 connections - pitch 5-6	394 26	Sens./act. - pitch 5 - green - 12 blocks
394 53	Sensor/actuator block - 3 connections Cat.Nos 390 51/52	Equipotential bridging bar	
394 73	Block with 1 connection V.O. - UL 94 - pitch 5-6	394 10	Insulated - pitch 5 - 12 blocks
394 74	Block with 1 connection V.O. - UL 94 - pitch 8-10	394 11	Insulated - pitch 6 - 12 blocks
394 75	Block with 1 connection V.O. - UL 94 - pitch 12-15	394 12	Insulated - pitch 8 - 12 blocks
393 49	Disconnect block - 1 connection Cat.Nos 390 85/86/87	394 34	Insulated - pitch 5 - 2 blocks
394 83	Disconnect block - 1 connection Cat.No 390 83	394 37	Insulated - pitch 6 - 2 blocks
393 48	Disconnect block - 2 connections Cat.No 390 88	394 35	Insulated - pitch 5 - 3 blocks
393 09	Neutral block - 1 connection - pitch 5-6	394 38	Insulated - pitch 6 - 3 blocks
393 11	Neutral block - 1 connection - pitch 8-10	394 13	Bare - pitch 10 - 12 blocks
393 13	Neutral block - 1 connection - pitch 12-15	394 14	Bare - pitch 12 - 12 blocks
393 15	Neutral block - 2 connections - pitch 5-6	394 15	Bare - pitch 15 - 12 blocks
393 46	Block for circuit not broken - 1 connection Cat.Nos 393 37/39	394 16	Bare - pitch 10 - 12 blocks - low spacer
393 45	Block for circuit not broken - 1 connection Cat.No 393 38	394 17	Bare - pitch 12 - 12 blocks - low spacer
393 84	Block for cond. protection - 2 connections Cat.No 393 73	394 18	Bare - pitch 15 - 12 blocks - low spacer
393 87	Block for cond. protection - 1 connection Cat.No 393 81	Protective screen	
393 88	Block for cond. protection - 1 connection Cat.No 393 82	394 92	Single pole for block with 1 connection - pitch 5-6
Separation/insulation divider		394 93	Single pole for block with 1 connection - pitch 8-10
394 66	Block with 1 connection pitch 5-6-8-10 and disconnect pitch 6	394 94	Single pole for block with 1 connection - pitch 12-15
394 69	Block with 2 connections pitch 5-6	394 80	Cut to length - pitch 5-6-8-10 (on Cat.No 394 66)
394 67	Block with 1 connection pitch 12-15 and disconnect pitch 8	394 81	Cut to length - pitch 12-15 (on Cat.No 394 67)
394 53	Block with 3 connections pitch 5	Miscellaneous	
394 72	Separation barriers for bars for block with 1 connection - pitch 5-6-8-10-12-15	394 05	Screening continuity bracket for 1 connection blocks - pitch 5-6-8-10
Equipotential bridging comb		394 95	Protection cap for separable combs/ bars - pitch 5-6
394 31	Pitch 5 - 12 blocks	394 06	Joining rod for 2 disconnect blocks
394 20	Pitch 6 - 12 blocks	394 07	Joining rod for 3 disconnect blocks
394 21	Pitch 8 - 12 blocks	394 08	Joining rod for 4 disconnect blocks
394 40	Pitch 5 - 2 blocks	394 24	Test socket for block pitch 5-6-8-10
394 43	Pitch 6 - 2 blocks	394 25	Test socket for block pitch 12-15

SPRING CONNECTION ACCESSORIES			
Cat.Nos	End cap	Cat.Nos	Separation/insulation divider
396 31	Std term. block - 2 wires - pitch 5-6	396 49	Block with 2 wires - pitch 5-6
396 32	Std term. block - 3 wires - pitch 5	396 50	Block with 3 wires - pitch 5
396 77	Std term. block - 3 wires - pitch 6	396 80	Block with 3 wires - pitch 6
396 33	Std/diode term. block - 4 wires - pitch 5	396 51	Block with 4 wires - pitch 5
396 48	Std term. block - 4 wires - 2 levels - pitch 5	396 53	Block with 4 wires - 2 levels - pitch 5
396 85	Std term. block - 4 wires - 2 levels - pitch 6	396 88	Block with 4 wires - 2 levels - pitch 6
396 37	Neutral term. block - 2 wires - pitch 5-6	Equipotential bridging comb	
396 38	Neutral term. block - 3 wires - pitch 5	396 58	Block - pitch 5 - 2 poles
396 78	Neutral term. block - 3 wires - pitch 6	396 59	Block - pitch 5 - 3 poles
396 39	Neutral term. block - 4 wires - pitch 5	396 60	Block - pitch 5 - 10 poles
396 86	Neutral term. block - 4 wires - 2 levels - pitch 6	396 61	Block - pitch 6 - 2 poles
396 47	Disconnect term. block - 2 wires - pitch 6	396 62	Block - pitch 6 - 3 poles
396 43	Protection cond. term. block - 2 wires - pitch 5-6	396 63	Block - pitch 6 - 10 poles
396 76	Protection cond. term. block - 3 wires - pitch 5	396 75	Block - pitch 8 - 2 poles
396 79	Protection cond. term. block - 3 wires - pitch 6	396 64	Block - pitch 10 - 2 poles
396 45	Protection cond. term. block - 4 wires - pitch 5	396 65	Block - pitch 12 - 2 poles
396 87	Protection cond. term. block - 4 wires - 2 levels - pitch 6		

terminal blocks with screw connection Viking™ 3 NEW



371 60 + 371 00 + 371 20 + 371 30

371 69

371 68

371 70 on rail

371 74

371 76

371 79

371 60 + 371 61 + 371 62 + 371 63 + 371 64 + 371 65 + 371 66

Technical characteristics (p. 20)

Used to make the electrical connection between 2 rigid or flexible copper wires
 2 areas for bridging combs for alternating equipotential connection up to 8 pitch
 For rails depth 15 mm, EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Connecting	Capacity			Pitch (mm)
			Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²)	
		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 outlet				
60	371 60	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	371 00	Blue				
60	371 20	Orange				
60	371 30	Red				
50	371 61	Grey				
50	371 01	Blue	4	0.25 to 6	0.25 to 4	6
50	371 21	Orange				
50	371 31	Red				
40	371 62	Grey	6	0.5 to 10	0.25 to 6	8
40	371 02	Blue				
30	371 63	Grey	10	1.5 to 16	2.5 to 10	10
30	371 03	Blue				
20	371 64	Grey	16	1.5 to 25	4 to 16	12
20	371 04	Blue				
20	371 65	Grey	35	2.5 to 50	4 to 35	15
20	371 05	Blue				
10	371 66 ⁽¹⁾	Grey	70	25 to 95	16 to 70	22
25	371 69	Grey	4	0.25 to 6	0.25 to 4	6
25	371 09	Blue				
60	371 67	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	371 07	Blue				
60	371 68	Grey	4	0.25 to 6	0.25 to 4	6
60	371 08	Blue				
50	371 51 ⁽²⁾	Grey	2.5	0.25 to 4	0.25 to 2.5	5

Pack	Cat.Nos	For protection conductor	Capacity			Pitch (mm)
			Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²)	
		1 connection - 1 entry/1 outlet - metal base				
		Screwless fixing on rail up to 10 mm pitch PEN from 10 mm ²				
60	371 70	Green/yellow	2.5	0.25 to 4	0.25 to 2.5	5
50	371 71	Green/yellow	4	0.25 to 6	0.25 to 4	6
40	371 72	Green/yellow	6	0.5 to 10	0.25 to 6	8
30	371 73	Green/yellow	10	1.5 to 16	2.5 to 10	10
10	371 74	Green/yellow	16	1.5 to 25	4 to 16	12
10	371 75	Green/yellow	35	2.5 to 50	4 to 35	15
10	371 76	1 connection - bare block - metal base	35	2.5 to 50	4 to 35	15
50	371 79	1 connection - 2 entries/2 outlets - metal base				
		Screwless fixing on rail				
		Green/yellow	4	0.25 to 6	0.25 to 4	6
		1 connection - 1 entry/1 outlet - plastic base				
		Can be used for protection conductor inside class II equivalent assemblies				
50	371 77	Green	4	0.25 to 6	0.25 to 4	6
40	371 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				
50	371 52 ⁽²⁾	Grey	2.5	0.25 to 4	0.25 to 2.5	5

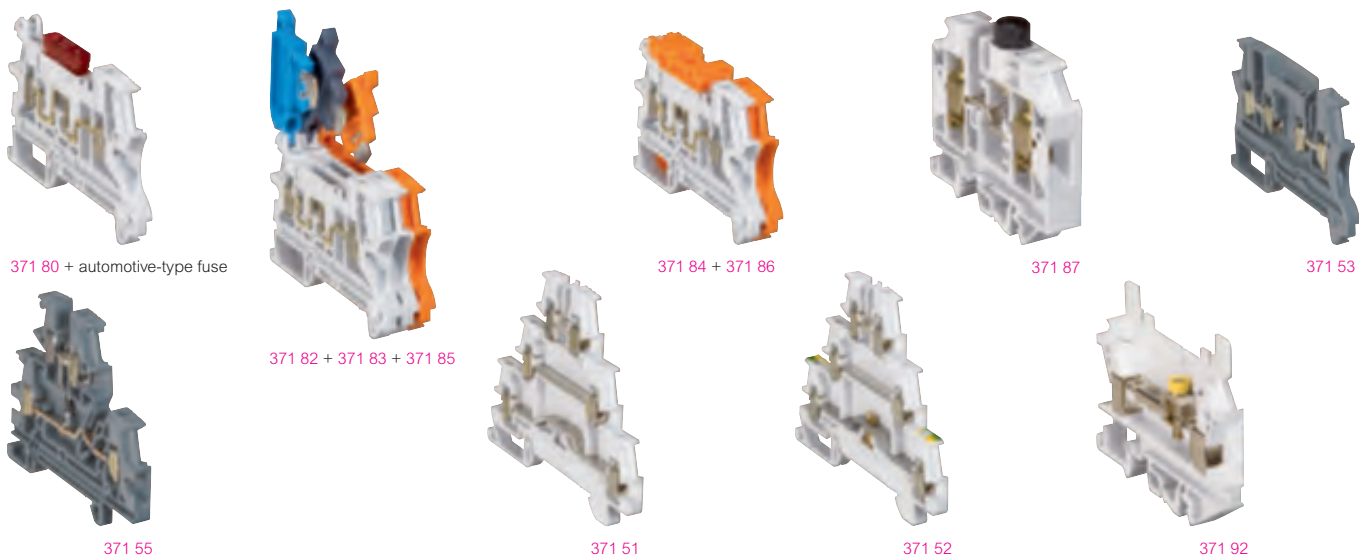
CAB 3 marking system

voir p. 27

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

Red catalogue numbers: New products

terminal blocks with screw connection Viking™ 3 (continued) NEW



Technical characteristics (p. 20-21)

Used to make the electrical connection between 2 rigid or flexible copper wires
 2 areas for bridging combs for alternating equipotential connection up to 8 pitch
 For rails \perp depth 15 mm, \perp EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Disconnect terminal blocks 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, or blade type levers Cat.Nos 375 15/16/17/18				
		Colour	Nominal cross-section (mm ²)	Capacity		Pitch (mm)
20	371 80	Grey	2.5	Rigid wire (mm ²) 0.25 to 2.5	Flexible wire (mm ²) 0.25 to 2.5	6
20	371 81	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 82	Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 83	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 84	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 85	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 86	Orange	2.5	0.25 to 2.5	0.25 to 2.5	6
20	371 87	Grey	10	0.25 to 16	0.25 to 10	12
20	371 88	Grey	10	0.25 to 16	0.25 to 10	12

Blade type levers, joining rods and blown fuse indicators (p. 19)



Pack	Cat.Nos	Function blocks				
		1 connection - modular Component connected with screws				
20	371 53	Colour Grey	Nominal cross-section (mm ²) 2.5	Rigid wire (mm ²) 0.25 to 4	Capacity Flexible wire (mm ²) 0.25 to 2.5	Pitch (mm) 5
20	371 54	Grey	2.5	0.25 to 4	0.25 to 2.5	5
60	371 55	Grey	4	0.25 to 6	0.25 to 4	6
60	371 56	Grey	4	0.25 to 6	0.25 to 4	6
		For sensors and actuators				
		For connecting sensors (Cat.No 371 51) or actuators (Cat.No 371 52), and their shared power supply unit using equipotential bridging comb Cat.Nos 375 46/47 (wiring principe p. 21)				
		3 connections on 3 levels - for sensor				
50	371 51 ⁽¹⁾	Colour Grey	Nominal cross-section (mm ²) 2.5	Rigid wire (mm ²) 0.25 to 4	Capacity Flexible wire (mm ²) 0.25 to 2.5	Pitch (mm) 5
		3 connections on 3 levels - for actuator Green/yellow marking for the lower level Metal base. Screwless fixing on rail				
50	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				
25	371 92	Colour Grey	Nominal cross-section (mm ²) 4	Rigid wire (mm ²) 0.25 to 4	Capacity Flexible wire (mm ²) 0.25 to 4	Pitch (mm) 8

Accessories (p. 18)

End stops (p. 18)

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

terminal blocks with spring connection Viking™ 3 NEW



372 60 + 372 00 + 372 20



372 01



372 21



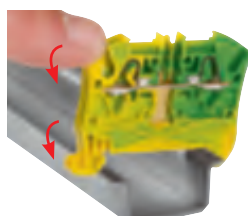
372 63



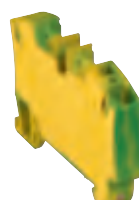
372 40



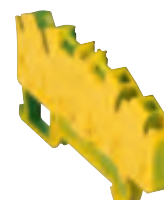
Automatic insertion of flexible wire with ferrule cap or rigid wire up to pitch of 6 mm



372 70 Automatic fixing on rail



372 72



372 79

Technical characteristics (p. 22)

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. 30)
 Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
 2 areas for bridging combs for alternating equipotential connection
 For rails \perp depth 15 mm, \perp 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					
				Capacity			
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²)	Flexible wire with ferrule (mm ²)	Pitch (mm)
60	372 60	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	372 00	Blue					
60	372 20	Orange					
50	372 61 ⁽¹⁾	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	372 01 ⁽¹⁾	Blue					
50	372 21 ⁽¹⁾	Orange					
50	372 62 ⁽¹⁾	Grey	6	0.5 to 6	0.5 to 6	0.5 to 6	8
50	372 02 ⁽¹⁾	Blue					
40	372 63 ⁽¹⁾	Grey	10	0.75 to 10	0.75 to 10	0.75 to 10	10
40	372 03 ⁽¹⁾	Blue					
10	372 64 ⁽¹⁾	Grey	16	4 to 16	4 to 16	4 to 16	12
10	372 04 ⁽¹⁾	Blue					
60	372 40	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	372 41	Blue					
60	372 42	Orange					
50	372 43 ⁽¹⁾	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	372 44 ⁽¹⁾	Blue					
60	372 46	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	372 47	Blue					
50	372 69 ⁽¹⁾	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	372 09 ⁽¹⁾	Blue					
60	372 67	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	372 07	Blue					
50	372 68 ⁽¹⁾	Grey	4	0.5 to 6	0.5 to 4	0.5 to 4	6
50	372 08 ⁽¹⁾	Blue					

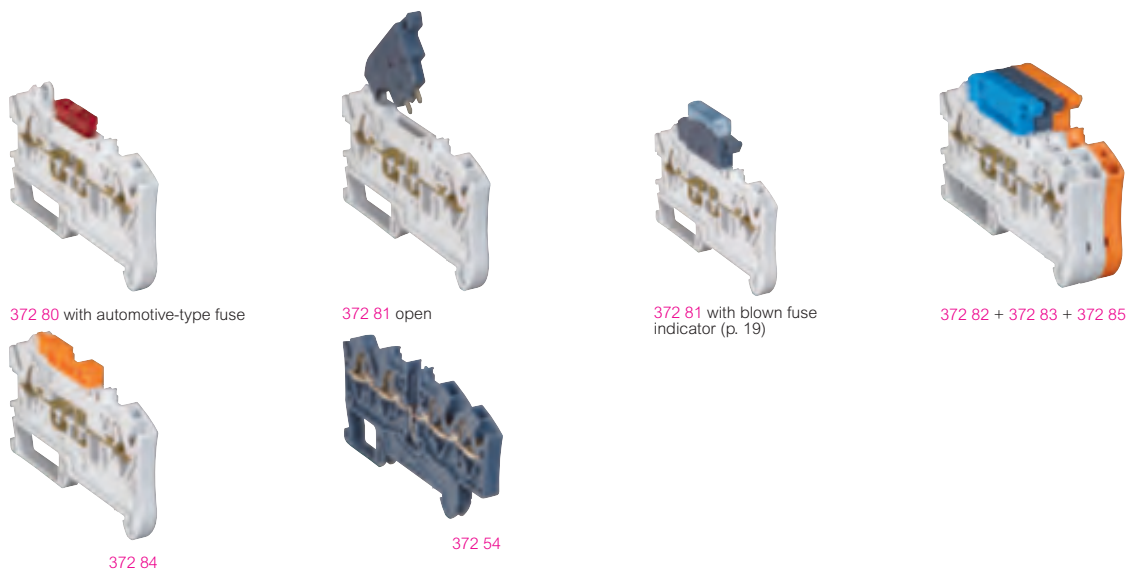
Pack	Cat.Nos	For protection conductor					
		Metal base Screwless fixing on rail PEN from 10 mm ²					
		1 connection - 2 wires - 1 entry/1 outlet					
				Capacity			
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Flexible wire (mm ²)	Flexible wire with ferrule (mm ²)	Pitch (mm)
60	372 70	Green/yellow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

CAB 3 marking system

voir p. 27

(1) Built-in end cap

terminal blocks with spring connection Viking™ 3 (continued) NEW



Technical characteristics (p. 22)

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. 30)
 Direct tool-free insertion of a rigid wire or flexible wire with ferrule, up to 6 mm pitch
 2 areas for bridging combs for alternating equipotential connection
 For rails \perp depth 15 mm, \perp EN 60715 depth 7.5 mm and 15 mm

Pack	Cat.Nos	Disconnect terminal blocks 1 connection - 2 wires					
		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, or blade type levers Cat.Nos 375 15/16/17/18					
		Colour	Nominal cross-section (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²)	Flexible wire with ferrule (mm ²)	Pitch (mm)
20	372 80	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	372 81	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	372 82	Grey/blue	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	372 83	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	372 84	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	372 85	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
20	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 (mm ²)	Rigid wire (mm ²)	Capacity Flexible wire (mm ²)	Flexible wire with ferrule (mm ²)	Pitch (mm)
60	372 54	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
60	372 55	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
		2 connections - 4 wires - 2 levels - diode carrier					
60	372 56	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5

Accessories (p. 18)

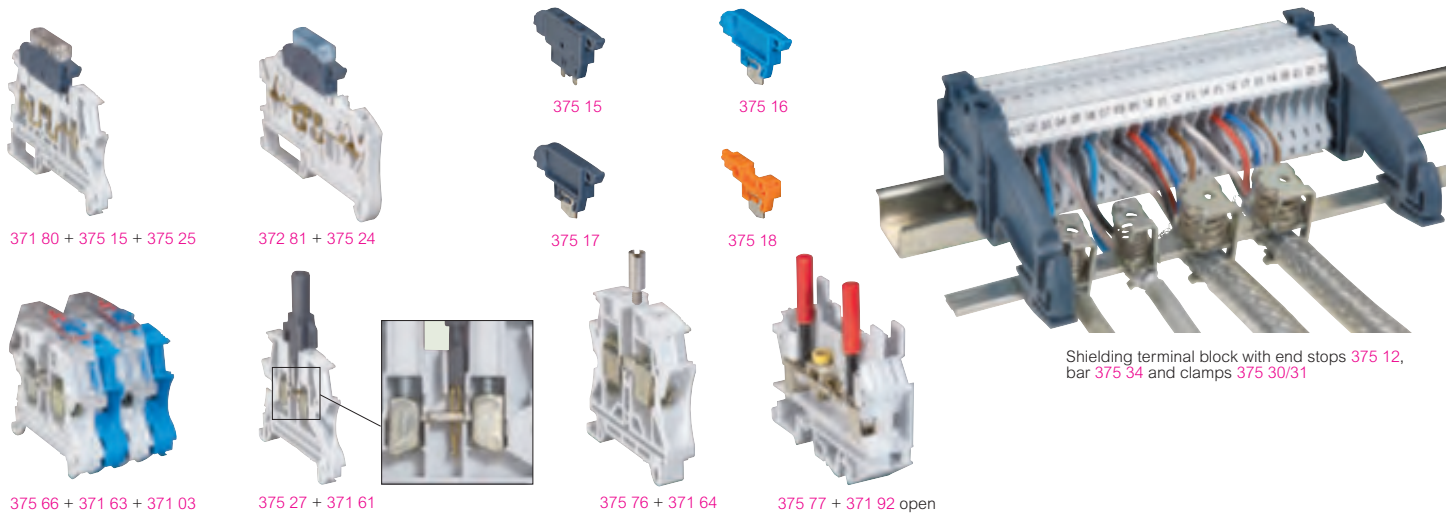
End stops (p. 18)

Blade type levers, joining rods and blown fuse indicators (p. 19)



Red catalogue numbers: New products

accessories for terminal blocks Viking™ 3 (continued)



Technical characteristics (p. 22)

Emb.	Réf.	Equipotential bridging accessories (continued)	Emb.	Réf.	Shielding accessories (continued)
		Bars for screw terminal blocks Front mounting with screws. Pre-assembled, bar Consecutive or alternating connection			Ensure safe, simple connection of cable shielding
10	375 40	For 12 blocks with 10 mm pitch			Shielding bar
10	375 42⁽¹⁾	For 12 blocks with 12 mm pitch	10	375 34	For screw and spring terminal blocks. Steel. Length 1 m. For use with end stops Cat.No 375 12
10	375 44	For 12 blocks with 15 mm pitch			10 x 3 mm
		Bridging combs for 3-level screw terminal blocks For lower and intermediate levels of blocks Cat.Nos 371 51/52. Side mounting Isolated and separable			Screening continuity bracket
10	375 46	Brown. For 12 blocks with 5 mm pitch	50	375 35	For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10 mm pitch
10	375 47	Blue. For 12 blocks with 5 mm pitch			Connected with 2.8 x 0.8 mm clips or welded on. Capacity: 1 mm ²
		Bridging combs for spring terminal blocks Front mounting (automatic insertion), screwless Isolated. Red			Protective screens
20	375 82	For 2 blocks with 10 mm pitch			1 pole
20	375 85	For 2 blocks with 12 mm pitch	10	375 65	For screw terminal blocks 1 entry/1 outlet
		Accessories for disconnect blocks For screw and spring terminal blocks	10	375 66	5 and 6 mm pitch
		Blade type levers For open blocks Cat. Nos 371 80 and 372 80 Manual disconnection for handle type, tool required for mini lever type	10	375 66	8 and 10 mm pitch
10/50	375 15	With handle lever for fuse cartridge 5 x 20	10	375 67	12 and 15 mm pitch
10/50	375 16	Blue handle lever for neutral			Cut to length
10/50	375 17	Grey handle lever			Length 1 m
10/50	375 18	Mini lever			Mounted on separation and insulation divider
		Joining rods For handle and mini lever			For screw terminal blocks 1 entry/1 outlet
20	375 21	For 2 blocks	10	375 68	5, 6, 8 and 10 mm pitch
20	375 22	For 3 blocks	10	375 69	(divider Cat.No 375 60)
		Blown fuse indicators Clip directly onto blocks Cat.Nos 371 81, 372 81 or handle lever 375 15 (with power off)			12 and 15 mm pitch
10/50	375 24	12/24/48 V _~ and ~ for block with fuse cartridge 5 x 20 with handle lever			(divider Cat.No 375 61)
10/50	375 25	110/250 V _~ for block with fuse cartridge 5 x 20 with handle lever			Measurement accessories
		Shielding accessories Ensure safe, simple connection of cable shielding			For screw and spring terminal blocks
		Shielding clamps For screw and spring terminal blocks - mounted by pivoting on collector bar 10 x 3 mm Cat.No 375 34 - mounted on plate with M4 screws (supplied) - mounted on rail with Cat.No 364 69			Measurement socket for Ø4 mm plug for blocks with 5 and 6 mm pitch
10	375 30	For cable diam. 3 to 8 mm	10	375 27⁽²⁾	
10	375 31	For cable diam. 4 to 13.5 mm			For screw terminal blocks
4	375 32	For cable diam. 10 to 20 mm	50	375 75	Measurement socket for Ø2 mm plug for blocks with 10 mm pitch Cat.Nos 371 03/63
			20	375 76	Measurement socket for Ø4 mm plug for blocks with 12 and 15 mm pitch Cat.Nos 371 04/05/64/65
			10	375 77	Measurement socket for Ø4 mm plug for disconnect block for measurement Cat.No 371 92
			1/10	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 Cat.No 371 87

(2) 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

terminal blocks with screw connection Viking™ 3

■ Characteristics and dimensions (mm)

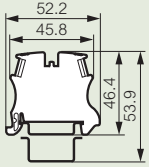
V2 polyamide according to UL 94, 960°C according to IEC EN 60695-2-11

Connecting blocks

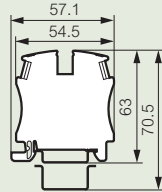
Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
371 00/20/30/60	800	600	600	27	24	20	20	2.5	12	12
371 01/21/31/61				36	32	30	30	4	10	10
371 02/62				48	41	50	50	6	8	8
371 03/63				63	57	60	60	10	6	6
371 04/64				85	76	85	85	16	4	4
371 05/65				138	125	115	115	35	2	2
371 07/67				27	24	20	20	2.5	12	12
371 08/68				36	32	30	30	4	10	10
371 09/69				36	32	30	30	4	10	10
371 66				500	300	300	213	192	200	200
371 77	800	600	600	36	32	30	30	4	10	10
371 78				48	41	50	50	6	8	8

Cat.No 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

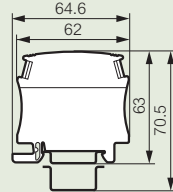
Cat.Nos 371 00/01/02/
03/20/21/30/31/60/61/
62/63/77/78



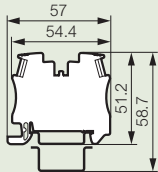
Cat.Nos
371 04/05/64/65



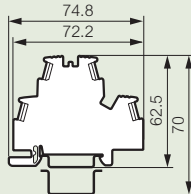
Cat.No 371 66



Cat.Nos 371 09/69



Cat.Nos 371 07/08/67/68



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 screw connection covered by this certificate are 1-, 2- and 3-level connecting terminal blocks, and blocks for protection conductor with metal⁽¹⁾ and plastic base (detailed list on p. 8)

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	144

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

(1) Except for Cat.No 371 76

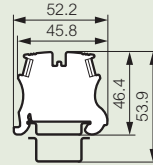
Blocks for protection conductor

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	le	IEC	IEC (mm²)	CSA (AWG)	UL (AWG)	
371 70	800	600	600	-	-	2.5	12	12	
371 71				-	-	4	10	10	
371 72				-	-	6	8	8	
371 73 ⁽¹⁾				63	57	10	6	6	
371 74 ⁽¹⁾				85	76	16	4	4	
371 75 ⁽¹⁾				138	125	35	2	2	
371 76	-	-	-	-	-	35	-	-	
371 77	800	600	600	36	32	4	10	10	
371 78	-	-	-	48	41	6	8	8	
371 79	500	300	300	-	-	4	10	10	

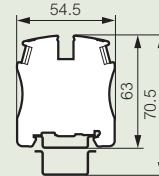
IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059
le: Rated current NF C 15100 table 52H, column 4
(1) PEN terminal blocks

Cat.Nos

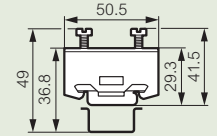
371 70/71/72/73



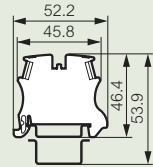
Cat.Nos 371 74/75



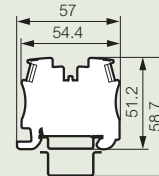
Cat.No 371 76



Cat.Nos 371 77/78



Cat.No 371 79



Disconnect terminal blocks

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

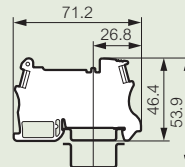
IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

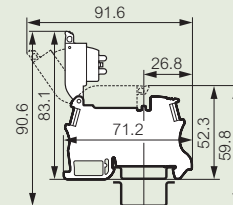
Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
371 81 or 371 80 + 375 15 ⁽¹⁾	4 W / 6.3 A Pvk = 4.75 W	1.6 W/6.3 A Pvk = 2 W	1.6 W/6.3 A Pv = 1.65 W	-
371 87/88	4 W Pvk = 5 W	2.5 W Pvk = 2.7 W	1.6 W Pv = 1.8 W	-

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

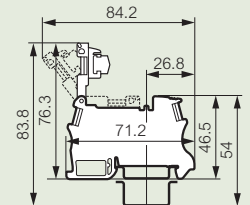
Cat.No 371 80



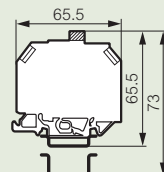
Cat.Nos 371 81/82/83/85



Cat.Nos 371 84/86



Cat.No 371 87/88

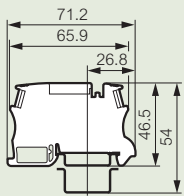


Function blocks

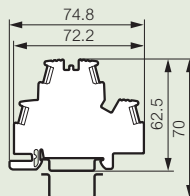
Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
371 53	250	-	-	-	-	-	2.5	-	-
371 54	250	-	-	1	-	-	2.5	-	-
371 55	500	300	300	1	1	1	4	10	10
371 56	12 to 24	12 to 24	12 to 24	32	30	30	4	10	10

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

Cat.Nos 371 53/54

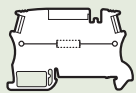


Cat.Nos 371 55/56

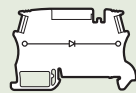


Schematic diagrams

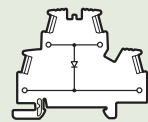
Cat.No 371 53



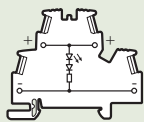
Cat.No 371 54



Cat.No 371 55



Cat.No 371 56



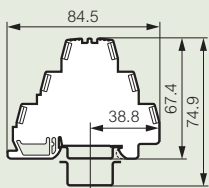
Diode for Cat.Nos 371 54/55
 - 1N4007 type 1A
 - direct current = 1 A
 - peak inverse voltage 1000 V
 - inverse current 5 µA at 25°C

Blocks for sensors and actuators/PNE

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section			
	IEC	CSA	UL	I _e	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
371 51	400	300	300	27	24	20	20	2.5	12	12
371 52	-	-	-	-	-	-	-	-	-	-

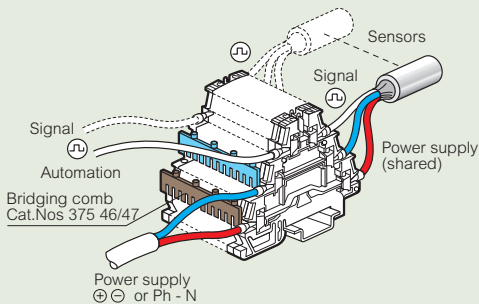
IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059
 I_e: Rated current NF C 15100 table 52H, column 4

Cat.Nos 371 51/52



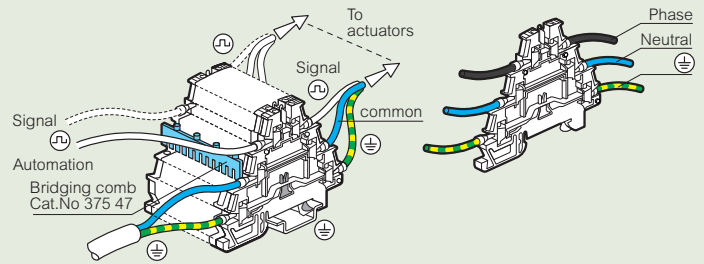
Wiring principle

Block for sensor Cat.No 371 51



Block for actuator Cat.No 371 52

PNE block Cat.No 371 52

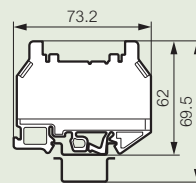


Disconnect block for measurement

Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
371 92	800	-	-	24	-	-	4	-	-

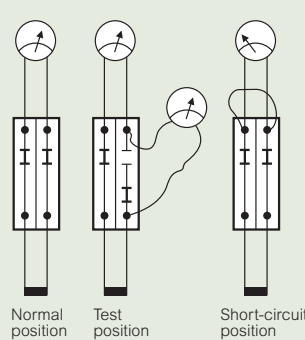
IEC EN 60947-7-1

Cat.No 371 92



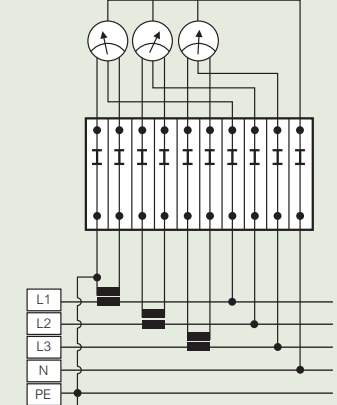
Wiring principle for measurement blocks Cat.No 371 92

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	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 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

terminal blocks with spring connection Viking™ 3

■ Characteristics and dimensions (mm)

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

Connecting blocks

Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section												
	IEC	CSA	UL	le	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)										
372 00	800	600	600	36	32	20	20	4	12	12										
372 01				48	41	30	30	6	10	10										
372 02				63	57	50	50	10	8	8										
372 03				85	76	65	65	16	6	6										
372 04	800	600	600	36	32	20	20	4	12	12										
372 07											500	300	300	30	30	10	10			
372 08														10	10					
372 09																				
372 20																				
372 21																				
372 40																				
372 41																				
372 42																				
372 43																				
372 44																				
372 46																				
372 47																				
372 60																				
372 61																				
372 62				48	41	30	30	6	10	10										
372 63				63	57	50	50	10	8	8										
372 64				85	76	65	65	16	6	6										
372 67	500	300	300	36	32	30	30	4	10	10										
372 68																				
372 69	800	600	600			20	20		12	12										

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

Blocks for protection conductor

Cat.Nos	Voltage (V)			Nominal cross-section		
	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
372 10	800	600	600	4	10	10
372 11						
372 12						
372 70						
372 71						
372 72						
372 73 ⁽¹⁾						
372 74 ⁽¹⁾						
372 75						
372 79						

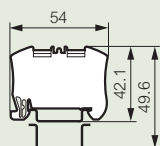
IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
(1): PEN terminal blocks

Function blocks

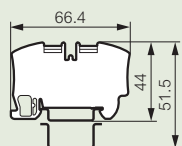
Cat.Nos	Voltage (V)			Current (A)			Nominal cross-section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
372 54	500	300	300	1	1	1	4	14	14
372 55	12 to 24	12 to 24	12 to 24	-	-	-			
372 56									

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

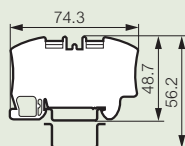
Cat.Nos 372 00/01/20/
21/60/61/70/71



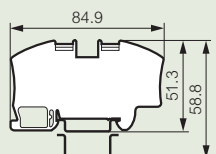
Cat.Nos 372 02/62/72



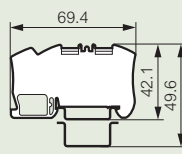
Cat.Nos 372 03/63/73



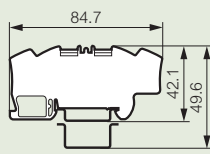
Cat.Nos 372 04/64/74



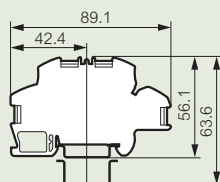
Cat.Nos 372 10/11/40/
41/42/43/44



Cat.Nos 372 09/12/46/
47/54/69/79

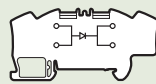


Cat.Nos 372 07/08/55/56/67/68

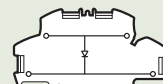


Schematic diagrams

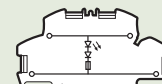
Cat.No 372 54



Cat.No 372 55



Cat.No 372 56



Diode for Cat.Nos 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 Ex II 1 or 2 G or D Ex e/i/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. 10)

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: 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)
372 80	500	300	300	15	15	15	2.5	14	14
372 81 or 372 80 + 375 15	250	250	250	6.3	6.3	6.3			
372 82	500	300	300	15	15	15			
372 83									
372 84									
372 85									
372 86									

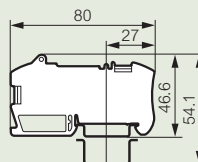
IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

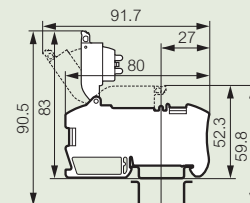
Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
372 81 ou 372 80 + 375 15 ⁽¹⁾	4 W / 6.3 A	1.6 W / 6.3 A	1.6 W / 6.3 A	-
	P _{vk} = 4.75 W	P _{vk} = 2 W	P _v = 1.65 W	-

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

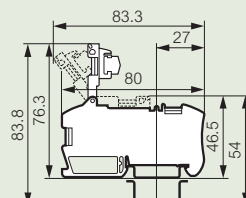
Cat.No 372 80



Cat.Nos 372 81/82/83/85



Cat.No 372 84/86



Stripped lengths (mm)

Spring terminal pitch (mm)	Rigid or flexible wire
5	
6	8 to 12
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"

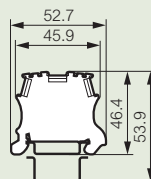
Art. EL 16, power supply circuits in security installations section 1a: "...the corresponding junction or deviation devices and their enclosures, except for the waterproofing systems, must satisfy the incandescent wire test defined in the standard in force, the temperature of the incandescent wire being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

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

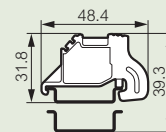
Characteristics and dimensions (mm)

End stops

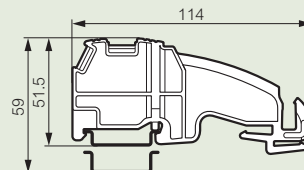
Cat.No 375 10



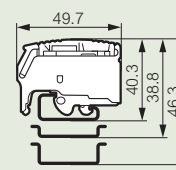
Cat.No 375 11



Cat.No 375 12



Cat.No 375 13



End caps

Cat.Nos	Thickness (mm)
375 50	2
375 51	2.5
375 52	2
375 53	2
375 54	2.5
375 55	2
375 56	1.4
375 57	1.4
375 86	1
375 87	1.1
375 88	1.1
375 89	1.1
375 90	2

Separation and insulation dividers

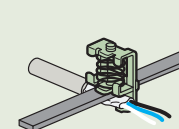
Cat.Nos	Thickness (mm)
375 54	2.5
375 60	2.5
375 61	2.6
375 62	2.5
375 63	2.5
375 95	2.8
375 96	2.7

Equipotential bridging combs/bars

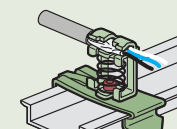
Cat.Nos	Cross-section (mm²)
375 01	2.5
375 02	2.5
375 04	4
375 05	4
375 07	6
375 08	6
375 40	10
375 42	16
375 44	35
375 46	2.5
375 47	2.5
375 82	10
375 85	16

Shielding clamps

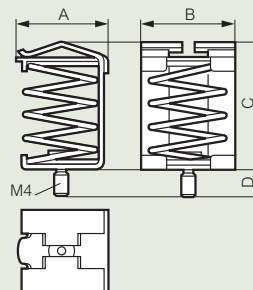
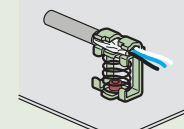
Mounting on bar
10 x 3 Cat.No 375 34



Mounting on rail
with accessory
Cat.No 364 69

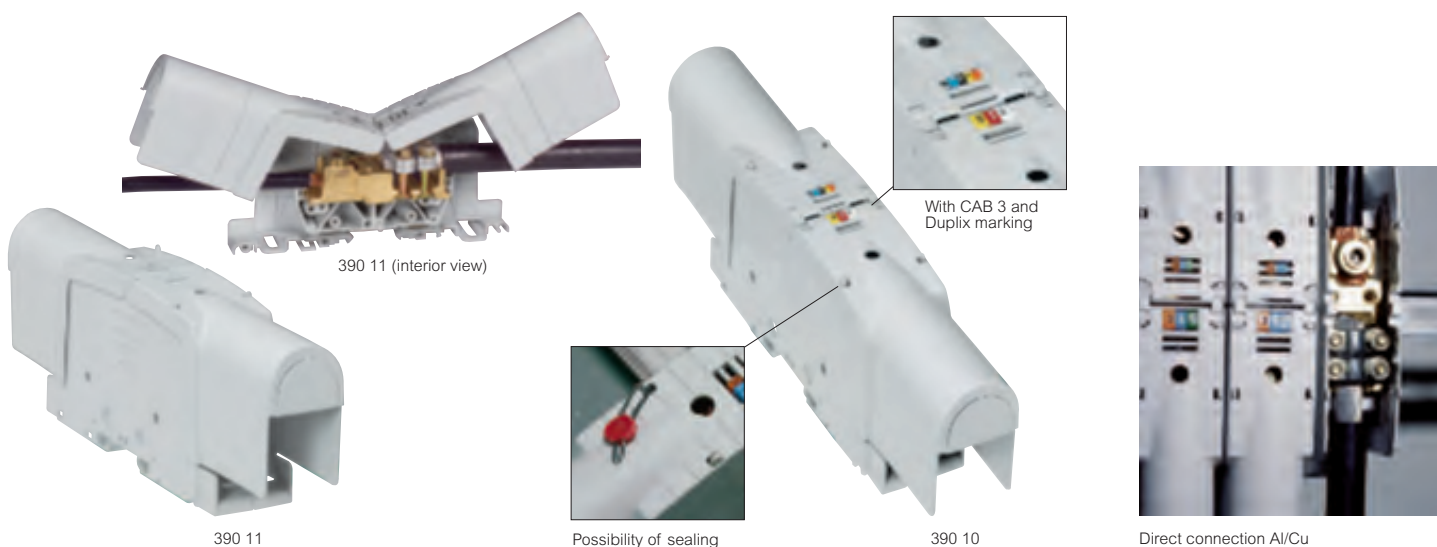


Mounting on plate



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

Viking™ 3 power terminal blocks



390 11 (interior view)

390 10

Possibility of sealing

With CAB 3 and Duplix marking

390 10

Direct connection Al/Cu

Pack	Cat.Nos	For copper and aluminium cables	
		Bridging the gap between the enclosure and external cables Fixed using metal clip for rails \sqsubset 15 mm depth and \sqsubset EN 60715 15 mm depth, or on plate with screws Fitted with covers with cut-outs Permits the use of Cab 3, Duplix markers Test via test plug \varnothing 4 closed covers Blocks with identical pitch can be joined using a threaded rod Supports shunt with Cat.Nos 394 46/47	
5	390 10	Rigid or flexible connecting cable (mm ²)	Pitch (mm)
5	390 11	Rigid or flexible connecting cable (mm ²)	Pitch (mm)
		Al/Cu 35 to 120	42
		Al/Cu 70 to 300	55
		Cu 35 to 70	
		Cu 70 to 150	
		Cable lug/cable lug	
		Connecting plate max. (mm ²)	Pitch (mm)
5	390 13	Al/Cu 95	36
5	390 14	Al/Cu 150	42
5	390 15	Al/Cu 300	55
		Cable lug/cable	
		Connecting plate max. (mm ²)	Pitch (mm)
5	390 17	Al/Cu 150	42
5	390 18	Al/Cu 300	55
		Rigid or flexible connecting cable (mm ²)	Pitch (mm)
		Al/Cu 150	42
		Al/Cu 300	55
		Cu 35 to 95	
		Cu 70 to 150	
		Cable/cable lug	
		Rigid or flexible connecting cable (mm ²)	Pitch (mm)
5	390 20	Al/Cu 120	42
5	390 21	Al/Cu 300	55
		Al/Cu 70	
		Al/Cu 150	

Pack	Cat.Nos	Accessories for power terminal blocks for copper and aluminium cables
5	394 46	Shunt
5	394 47	For blocks with pitch 36 and 42 mm
		For blocks with pitch 55 mm

Pack	Cat.Nos	For bars or lugs	
		Bridging the gap between the enclosure and external cables With cable lug. Plastic foot For use with terminal marker sheets For symmetrical rails Fixed using metal clip on rails \sqsubset 15 mm depth and \sqsubset EN 60715 15 mm depth	
		Connecting max. (mm ²)	Width of plate (mm)
5	390 71	35	15
5	390 72	70	20
5	390 73	120	25
5	390 74	240	35
		Screw \varnothing	Pitch (mm)
		M 8	26
		M 10	34
		M 10	34
		M 12	46
		For asymmetrical rails	
		Fixed using metal clip on rails \sqsubset EN 60715	
5	390 31	35	15
5	390 32	70	20
5	390 33	120	25
5	390 34	240	35
		Screw \varnothing	Pitch (mm)
		M 8	26
		M 10	34
		M 10	34
		M 12	46
		Accessories for plate power terminal blocks	
		Separation barriers	
		Take protective covers	
		Marking possible with CAB 3	
10	394 77	For blocks with pitch 26 mm	
10	394 78	For blocks with pitch 34 and 46 mm	
		Protective covers	
		For mounting on separation barriers	
5	394 86	For 3 blocks with pitch 46 mm or for 4 blocks with pitch 34 mm	
5	394 88	For 4 blocks with pitch 26 mm	
5	394 89	For 4 blocks with pitch 46 mm	



End stops (p. 19)

Viking™ 3 power terminal blocks

■ Characteristics of power terminal blocks for copper and aluminium cables

IK 04
 Conform to IEC EN 60947-7-1
 UL 1059 and 486 E - CSA 22-2
 Fire resistant IEC EN 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 (mm²)	Width of plate (mm)	Screw Ø	Connection (mm²)	Width of plate (mm)	Screw Ø
Cable - Cable						
390 10	Rigid or flexible Cu/Al: 35 to 120			Rigid or flexible Cu: 35 to 70		
390 11	Rigid or flexible Cu/Al: 70 to 300			Rigid or flexible Cu: 70 to 150		
Cable lug - Cable lug						
390 13	Cu/Al: max. 95	28	M 8	Cu/Al: max. 95	28	M 8
390 14	Cu/Al: max. 150	34	M 10	Cu/Al: max. 150	34	M 10
390 15	Cu/Al: max. 300	46	M 12	Cu/Al: max. 300	46	M 12
Cable lug - Cable						
390 17	Cu/Al: max. 150	34	M 10	Rigid or flexible Cu: 35 to 95		
390 18	Cu/Al: max. 300	46	M 12	Rigid or flexible Cu: 70 to 150		
Cable - Cable lug						
390 20	Rigid or flexible Cu: 35 to 120 Al: 35 to 120			Cu/Al: max. 120 Cu/Al: max. 70	34	M 10
390 21	Rigid or flexible Cu: 70 to 300 Al: 70 to 300			Cu/Al: max. 300 Cu/Al: max. 150	46	M 12

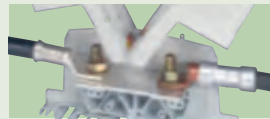
Cable - cable



Terminal for cable lug - cable



Terminal for cable lug - terminal for cable lug



Cable - terminal for cable lug



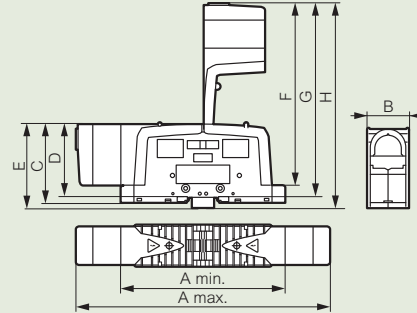
Currents table

Cat.Nos	Current (A)				Short-circuit current (kA)		Tightening torque (Nm)	
	Shunted input		I/O currents		Shunted input	I/O	Site	Factory
	IEC	IEC	CSA	UL				
Cable - Cable								
390 10	340	250	200	175	14.4	8.4	15	15
390 11	570	400	300	285	36	18	35	35
Cable lug - Cable lug								
390 13	310	310	250	230	11.4	11.4	15	15
390 14	415	415	340	285	18	18	15	15
390 15	670	670	520	420	36	36	35	35
Cable lug - Cable								
390 17	415	315	210	230	18	11.4	15	15
390 18	670	420	325	285	36	18	35	35
Cable - Cable lug								
390 20	340	340	235	255	14.4	8.4	15	15
390 21	570	570	375	420	36	18	35	35
Shunts								
394 46	450 max.						6	
394 47	700 max.						10	

Cable section equivalence table

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

Dimensions (mm)

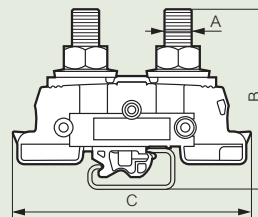


Cat.Nos	A max.	A min.	B	C	D	E	F	G	H
390 13	227	155	36	82	73	88	176	185	191
390 10/14/17/20	296	200	42	83.5	74.5	89.5	212	221	227
390 11/15/18/21	337	216	55	107.3	98.5	113.5	257	266	272

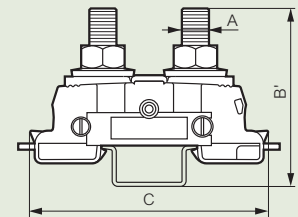
■ Characteristics of bars or lugs power terminal blocks

Cat.Nos	Voltage (V) IEC	Intensity (A) IEC	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
390 31/71	1000	125	
390 32/72	1000	192	
390 33/73	1000	269	
390 34/74	1000	415	

Dimensions (mm)



Cat.Nos 390 31/32/33/34

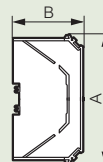


Cat.Nos 390 71/72/73/74

Cat.Nos	A	B	B'	C
390 31	M 8	56		84
390 32	M 10	61		84
390 33	M 10	61		84
390 34	M 12	64		86
390 71	M 8		55.3	84
390 72	M 10		60.4	84
390 73	M 10		60.4	84
390 74	M 12		63.5	86

■ Separation barriers

Dimensions (mm)



Cat.Nos 394 77/78

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

CAB 3™ marking and isolating sleeves



For colour-marking cables and isolating lug tubes from 10 mm² to 300 mm²
Fitting and removal without tool before or after connection

Pack	Cat.Nos	Sleeves	
		Conductor Ø7.1 to 10.5 mm	
		Cross-section 10 to 25 mm ²⁽¹⁾	
		Colour	Length (mm)
100	388 49	blue	20
100	388 50	black	
100	388 51	brown	
100	388 52	red	
100	388 53	yellow	
100	388 54	yellow/green	
		Conductor Ø10 to 13.5 mm	
		Cross-section 25 to 50 mm ²⁽¹⁾	
		Colour	Length (mm)
50	388 55	blue	29.5
50	388 56	black	
50	388 57	brown	
50	388 58	red	
50	388 59	yellow	
50	388 60	yellow/green	
		Conductor Ø13 to 17 mm	
		Cross-section 50 to 95 mm ²⁽¹⁾	
		Colour	Length (mm)
25	388 61	blue	38
25	388 62	black	
25	388 63	brown	
25	388 64	red	
25	388 65	yellow	
25	388 66	yellow/green	
		Conductor Ø16.5 to 23 mm	
		Cross-section 95 to 185 mm ²⁽¹⁾	
		Colour	Length (mm)
20	388 67	blue	46
20	388 68	black	
20	388 69	brown	
20	388 70	red	
20	388 71	yellow	
20	388 72	yellow/green	
		Conductor Ø22.5 to 29 mm	
		Cross-section 185 to 300 mm ²⁽¹⁾	
		Colour	Length (mm)
10	388 73	blue	55
10	388 74	black	
10	388 75	brown	
10	388 76	red	
10	388 77	yellow	
10	388 78	yellow/green	

(1) The values for cable cross section are just an example, the real values are depending on lugs and cable type

CAB 3™ marking and isolating sleeves

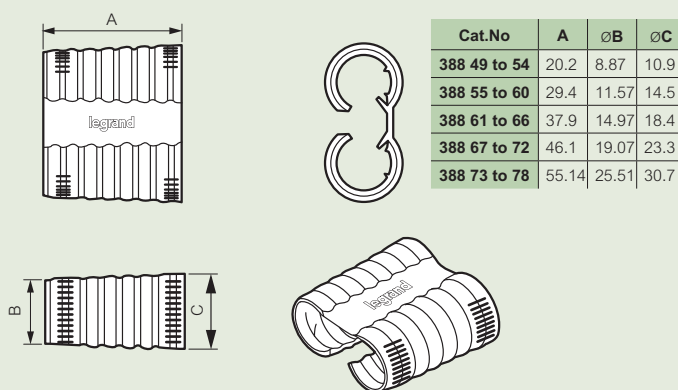
■ Characteristics

Material PA 6.6
Installation temperature: - 5°C to + 40°C
Operating temperature: - 25°C to + 105°C
Storage temperature: - 40°C to + 70°C
Incandescent wire test: 960°C
Dielectric cross resistance: 6KV



Supplied in dispenser box

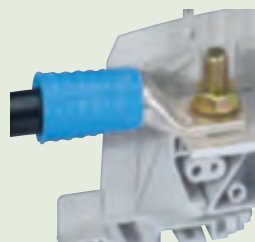
■ Dimensions (mm)



■ Installation



■ Example of use



Example of use of sleeve Cat.No 388 61 on a power terminal block



Use of a sleeve on a wired DPX 250

CAB 3™ marking system for wiring and Viking 3 terminal blocks

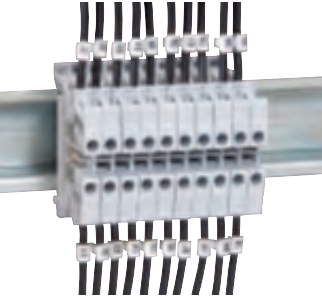
marking label sheets for Viking 3 terminal blocks



381 51



381 64



Same markers for cable and terminal blocks

Strips of 20 markers
For marking wiring or Viking 3 terminal blocks

Pack	Cat.Nos	Markers for wiring 0.5 to 1.5 mm ² cross-section and terminal blocks
240	381 50	01 to 20
240	381 51	21 to 40
240	381 52	41 to 60
240	381 53	61 to 80
240	381 54	81 to 100
240	381 55	Blank

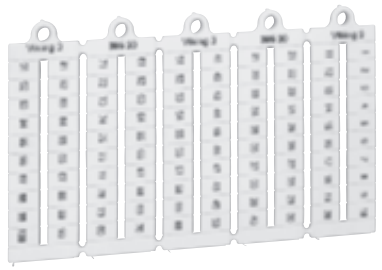


381 51

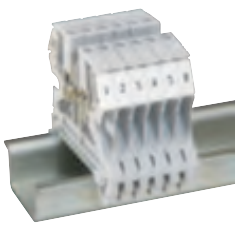
Pack	Cat.Nos	Markers for wiring 1.5 to 2.5 mm ² cross-section and terminal blocks
240	381 60	01 to 20
240	381 61	21 to 40
240	381 62	41 to 60
240	381 63	61 to 80
240	381 64	81 to 100
240	381 65	Blank



381 64



395 20



395 05 on Viking 3 terminal blocks



395 98

Pack	Cat.Nos	Blank markers
1000	395 00	Displayed by sheet of 100 pre-cut markers Manual marking or via Logicab 2
1000	395 01	For blocks 5 mm pitch
1000	395 02	For blocks 6 mm pitch
		For blocks 8 mm pitch

Pack	Cat.Nos	Numbers Reading of installed marker
Horizontal format		
Pitch of 5 mm		
1000	395 05	From 1 to 10 (10 times)
1000	395 06	From 11 to 20 (10 times)
1000	395 07	From 21 to 30 (10 times)
1000	395 08	From 31 to 40 (10 times)
1000	395 09	From 1 to 50 (2 times)
1000	395 10	From 1 to 100
1000	395 11	From 101 to 200
Pitch of 6 mm		
1000	395 15	From 1 to 10 (10 times)
1000	395 16	From 11 to 20 (10 times)
1000	395 17	From 21 to 30 (10 times)
1000	395 18	From 31 to 40 (10 times)
1000	395 19	From 1 to 50 (2 times)
1000	395 20	From 1 to 100
1000	395 21	From 101 to 200

Pack	Cat.Nos	Black felt tip pen
10	395 98	Indelible for marking

CAB 3™ marking system

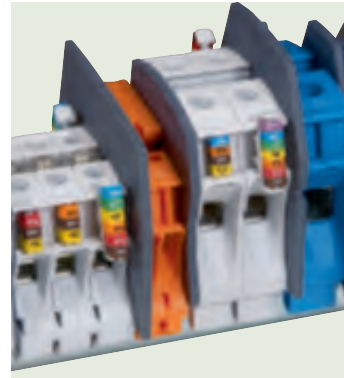
markers for wiring and Viking 3 terminal blocks



Perfect alignment of label holders



382 12



Terminal block with CAB 3 markers and label-holders

Pack	Cat.Nos		<p>Markers for wiring 0.15 to 0.5 mm² and 0.5 to 1.5 mm² cross-section and terminal blocks</p> <p>On Viking 3 terminal blocks - 4 markers 0.15 to 0.5 mm² max. - 3 markers 0.15 to 1.5 mm² max.</p> <p>Pack: - Up to 0.5 mm²: strips of 25 markers From 0.5 mm² to 2.5 mm²: strips of 30 markers - Upper 2.5 mm²: strips of 20 markers</p> <p>Price per marker</p> <p>Digits: international colour code</p> <table border="0"> <tr><td>0</td><td>Black</td></tr> <tr><td>1</td><td>Brown</td></tr> <tr><td>2</td><td>Red</td></tr> <tr><td>3</td><td>Orange</td></tr> <tr><td>4</td><td>Yellow</td></tr> <tr><td>5</td><td>Green</td></tr> <tr><td>6</td><td>Blue</td></tr> <tr><td>7</td><td>Purple</td></tr> <tr><td>8</td><td>Grey</td></tr> <tr><td>9</td><td>White</td></tr> </table> <p>Letters: black on yellow background</p> <table border="0"> <tr><td>A</td></tr><tr><td>B</td></tr><tr><td>C</td></tr><tr><td>D</td></tr><tr><td>E</td></tr><tr><td>F</td></tr><tr><td>G</td></tr><tr><td>H</td></tr><tr><td>I</td></tr><tr><td>J</td></tr><tr><td>K</td></tr><tr><td>L</td></tr><tr><td>M</td></tr><tr><td>N</td></tr><tr><td>O</td></tr><tr><td>P</td></tr><tr><td>Q</td></tr><tr><td>R</td></tr><tr><td>S</td></tr><tr><td>T</td></tr><tr><td>U</td></tr><tr><td>V</td></tr><tr><td>W</td></tr><tr><td>X</td></tr><tr><td>Y</td></tr><tr><td>Z</td></tr> </table> <p>Conventional symbols: black on yellow background</p> <table border="0"> <tr><td>/</td></tr><tr><td>•</td></tr><tr><td>+</td></tr><tr><td>-</td></tr><tr><td>~</td></tr><tr><td>≡</td></tr><tr><td>⊥</td></tr> </table>	0	Black	1	Brown	2	Red	3	Orange	4	Yellow	5	Green	6	Blue	7	Purple	8	Grey	9	White	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	/	•	+	-	~	≡	⊥
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Pack	Cat.Nos		<p>Markers for wiring 1.5 to 2.5 mm² and 4 to 6 mm² cross-section</p> <p>Pack: - Up to 0.5 mm²: strips of 25 markers From 0.5 mm² to 2.5 mm²: strips of 30 markers - Upper 2.5 mm²: strips of 20 markers</p> <p>Price per marker</p> <p>Digits: international colour code</p> <table border="0"> <tr><td>0</td><td>Black</td></tr> <tr><td>1</td><td>Brown</td></tr> <tr><td>2</td><td>Red</td></tr> <tr><td>3</td><td>Orange</td></tr> <tr><td>4</td><td>Yellow</td></tr> <tr><td>5</td><td>Green</td></tr> <tr><td>6</td><td>Blue</td></tr> <tr><td>7</td><td>Purple</td></tr> <tr><td>8</td><td>Grey</td></tr> <tr><td>9</td><td>White</td></tr> </table> <p>Letters: black on yellow background</p> <table border="0"> <tr><td>A</td></tr><tr><td>B</td></tr><tr><td>C</td></tr><tr><td>D</td></tr><tr><td>E</td></tr><tr><td>F</td></tr><tr><td>G</td></tr><tr><td>H</td></tr><tr><td>I</td></tr><tr><td>J</td></tr><tr><td>K</td></tr><tr><td>L</td></tr><tr><td>M</td></tr><tr><td>N</td></tr><tr><td>O</td></tr><tr><td>P</td></tr><tr><td>Q</td></tr><tr><td>R</td></tr><tr><td>S</td></tr><tr><td>T</td></tr><tr><td>U</td></tr><tr><td>V</td></tr><tr><td>W</td></tr><tr><td>X</td></tr><tr><td>Y</td></tr><tr><td>Z</td></tr> </table> <p>Conventional symbols: black on yellow background</p> <table border="0"> <tr><td>/</td></tr><tr><td>•</td></tr><tr><td>+</td></tr><tr><td>-</td></tr><tr><td>~</td></tr><tr><td>≡</td></tr><tr><td>⊥</td></tr> </table>	0	Black	1	Brown	2	Red	3	Orange	4	Yellow	5	Green	6	Blue	7	Purple	8	Grey	9	White	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	/	•	+	-	~	≡	⊥
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1200	800	382 26	382 36																																																					
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300		382 86	382 96																																																					

accessories CAB 3™ marking system

CAB 3™ marking system for wiring and Viking 3 terminal blocks

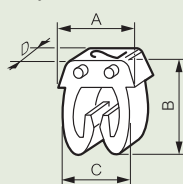


Pack	Cat.Nos	Accessories CAB 3										
		Marker-holders										
		For cables cross-section from 10 mm ² to 70 mm ² Capacity: 8 digits, letters or symbols markers from 0.5 to 1.5 mm ² or 1.5 to 2.5 mm ² cross section Black, cross-section (mm ²)										
100	384 90	10 to 16										
50	384 91	25 to 35										
50	384 92	50 to 70										
		Support for markers										
		Can be clipped on Viking 3 terminal blocks Capacity: 7 markers from 0.15 to 0.5 mm ² 6 markers from 0.5 to 1.5 mm ²										
		Transparent applicators										
		For rapid selection and application of markers onto cable										
		<table border="1"> <thead> <tr> <th>For markers cross-section (mm²)</th> <th>Applicator colour for identification of cross-section</th> </tr> </thead> <tbody> <tr> <td>0.15 to 0.5</td> <td>CAB 3</td> </tr> <tr> <td>0.5 to 1.5</td> <td>CAB 3</td> </tr> <tr> <td>1.5 to 2.5</td> <td>CAB 3</td> </tr> <tr> <td>4 to 6</td> <td>CAB 3</td> </tr> </tbody> </table>	For markers cross-section (mm ²)	Applicator colour for identification of cross-section	0.15 to 0.5	CAB 3	0.5 to 1.5	CAB 3	1.5 to 2.5	CAB 3	4 to 6	CAB 3
For markers cross-section (mm ²)	Applicator colour for identification of cross-section											
0.15 to 0.5	CAB 3											
0.5 to 1.5	CAB 3											
1.5 to 2.5	CAB 3											
4 to 6	CAB 3											
10	383 94	0.15 to 0.5										
10	383 95	0.5 to 1.5										
10	383 96	1.5 to 2.5										
10	383 97	4 to 6										
		Set of markers										
1	382 01	0.15 to 0.5 mm ² : 2 500 markers + 10 applicators (250 digits from 0 to 9)										
1	382 02	0.5 to 1.5 mm ² : 3 000 markers + 10 applicators (300 digits from 0 to 9)										
1	382 03	1.5 to 2.5 mm ² : 3 000 markers + 10 applicators (300 digits from 0 to 9)										
1	382 04	4 to 6 mm ² : 2 000 markers + 10 applicators (200 digits from 0 to 9)										
		On-site toolbox										
1	382 00	With removable tray for CAB 3 markers and applicators, Starfix ferrules... Height 85 mm, depth 280 mm, width 450 mm Metal, padlockable										

■ Dimensions

Markers

Polyamide 6/6



Dimensions	Cable cross-section (mm ²)			
	0.15 to 0.5	0.5 to 1.5	1.5 to 2.5	4 to 6
A (mm)	5	5	5.6	8
B (mm)	5.05	6.4	7.6	9.6
C (mm)	3.7	4.3	4.9	7.1
D (mm)	2.3	3	3	3
Ø min./max. (mm)	0.8/2.2	2.2/3	2.8/3.8	4.3/5.3

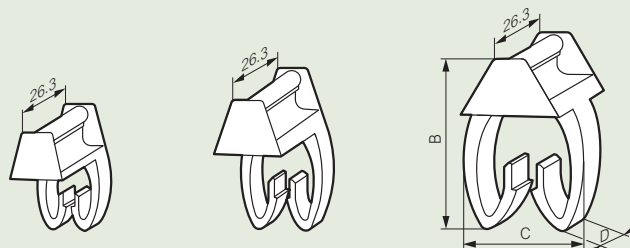
Cat.Nos 381 50 to 381 55 et 381 60 to 381 65: no liking stud.
D = 6 mm

Marker holders

Cat.No 384 90

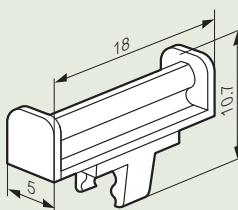
Cat.No 384 91

Cat.No 384 92

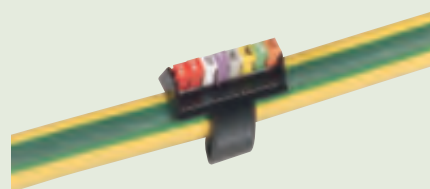


Dim.	Section of cable for marking (mm ²)		
	10 to 16	25 to 35	50 to 70
A (mm)	18	24.3	27.2
B (mm)	8.9	12.2	17.2
C (mm)	7	7	10

Support for markers Cat.No 383 92

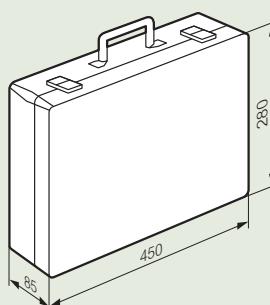


On cable with marker-holder Cat.No 384 92



■ Characteristics and dimensions of on-site toolbox

Cat.No 382 00



Bottom tray consists of:

- 8 medium slots (each slot takes 1 box of CAB 3)
- 1 large slot

Top tray consists of:

- 12 small slots (<=> approx. 6 boxes of CAB 3)
 - 1 medium slot for applicators
- Capacity: approx. 15000 CAB 3 markers

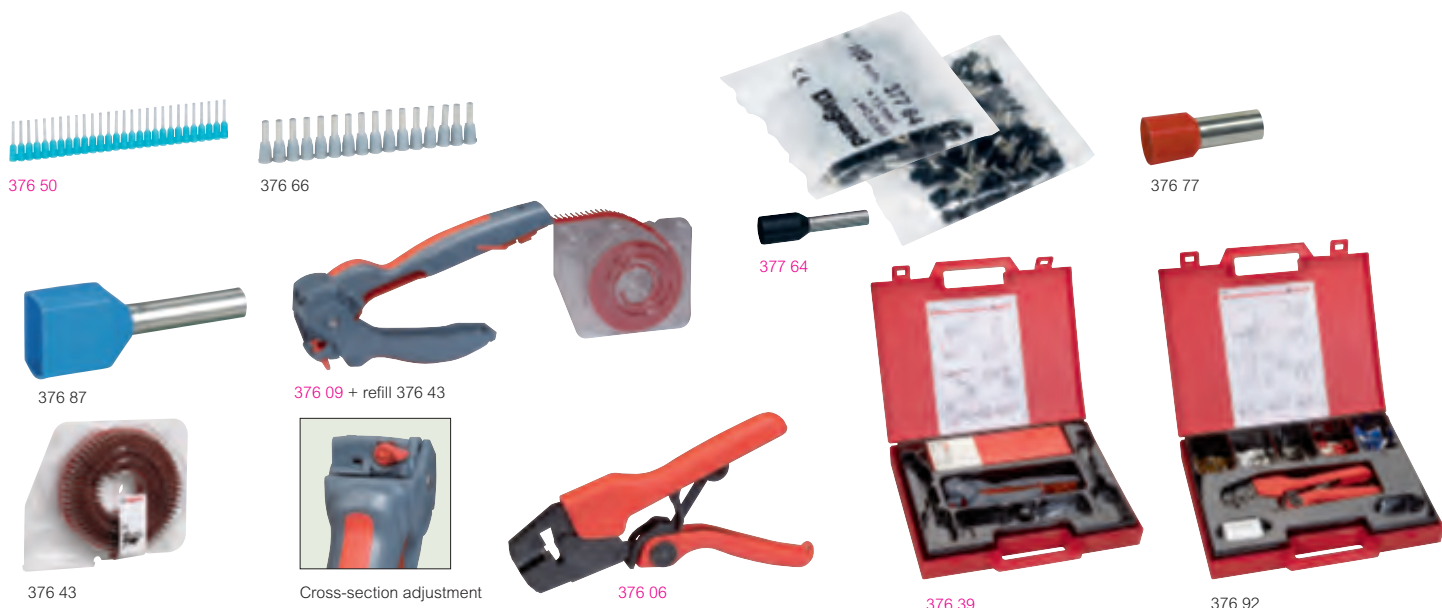
On terminal blocks, with support Cat.No 383 92



On power terminal blocks



Starfix™ ferrules and crimping tools



Pack	Cat.Nos	Ferrules with insulating flange			
		Provide an equipotential link for all the strands of a flexible conductor Active part in tinned electrolytic copper Conform to NF C 63-023			
		Simples in strips			
		For-cables cross-section (mm ²)	Colour	Strips	Ferrules
500	376 50	0.25	turquoise	10	50
500	376 60	0.34	green	12	40
480	376 61	0.5	white	12	40
480	376 62	0.75	blue	12	40
1000	376 63	1	red	25	40
1000	376 64	1.5	black	25	40
1000	376 66	2.5	grey	25	40
250	376 67	4	orange	10	25
250	376 68	6	green	10	25
		Simples individuals (sachet packing)			
500	377 50	0.25	turquoise	5	100
500	377 60	0.34	green	5	100
1000	377 61	0.5	white	10	100
1000	377 62	0.75	blue	10	100
1000	377 63	1	red	10	100
1000	377 64	1.5	black	10	100
1000	377 66	2.5	grey	10	100
250	377 67	4	orange	5	50
250	377 68	6	green	5	50
		Simples individuals (box packing)			
100	376 69	10	brown		
100	376 72⁽¹⁾	16	white		
100	376 70	16	white		
50	376 71	25	black		
50	376 77	35	red		
30	376 78	50	blue		
		Doubles individuals			
100/500	376 87	2 x 0.75	blue		
100/500	376 88	2 x 1	red		
100/500	376 89	2 x 1.5	black		
100/500	376 90	2 x 2.5	grey		

Large capacity Starfix refills				
		Large capacity for less frequent applicator reloading Translucent packaging For direct mounting on crimping tool Cat.No 376 09		
		Cross-section (mm ²)	Colour	Number of ferrules per strip
3 000	376 41	0.5	White	300
3 000	376 42	0.75	Blue	300
3 000	376 43	1	Red	300
3 000	376 44	1.5	Black	300
2 500	376 45	2.5	Grey	250

Pack	Cat.Nos	Crimping tools for ferrules in strips	
		Cut and carry out 4-point crimping of ferrules from 0.25 to 6 mm ² in one operation Use recommended for spring connections Dedicated applicator for each crimping tool for dispensing strips	
		Starfix crimping tool for 0.25 and 0.34 mm² cross-sections	
1	376 08	Supplied fitted with empty applicator	
		Starfix crimping tool for 0.5 to 2.5 mm² cross-sections	
1	376 09	Fitted with an adjustment wheel Supplied fitted with empty applicator	
1	376 39	Assorted kit, comprising: - 1 Starfix crimping tool, Cat. No. 376 09 fitted with empty applicator - 120 x 0.5 mm ² ferrules - 120 x 0.75 mm ² ferrules - 240 x 1 mm ² ferrules - 320 x 1.5 mm ² ferrules - 200 x 2.5 mm ² ferrules	
		Starfix crimping tool for 4 and 6 mm² cross-sections	
1	376 10	Fitted with an adjustment wheel Supplied complete with empty applicator	
		Starfix S multi-purpose crimping tool for 0.5 to 2.5 mm² cross-sections	
1	376 97	Tool cuts, strips, twists, crimps Supplied complete with 5 empty applicators For left and right-handed persons	
		Crimping tool for individual single and double ferrules	
		Starfix crimping tool for 0.25 to 6 mm² cross-sections	
1	376 06	For 4-point crimping of ferrules from 0.25 to 6 mm ² Use recommended for spring connections Crimping tool with disengageable control system, crimping at end Right or left-handed	
		Starfix clamp for 10 to 50 mm² cross-section	
1	376 92	Assorted kit: supplied comprising: - 1 tool with crimping operation control system for individual ferrules 10 to 50 mm ² - 30 individual ferrules 10 mm ² - 20 individual ferrules 16 mm ² - 15 individual ferrules 25 mm ² - 10 individual ferrules 35 mm ² - 10 individual ferrules 50 mm ²	

(1) Short ferrule

Starfix™ applicator

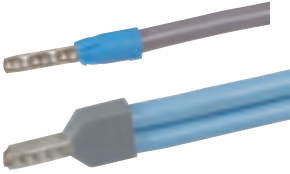
NEW



376 47



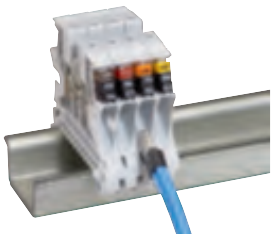
376 81



Example of simple/double ferrules on wires



Example of different wires and ferrules



Pack	Cat.No	Starfix applicator
10	376 46	For Starfix crimping tool For dispensing strips of ferrules in Starfix crimping tools Cat.Nos 376 08/09/10 For ferrules cross-section (mm ²) Colour 0.25 et 0.34 yellow 0.5 à 2.5 red 4 et 6 orange
10	376 47	
10	376 48	

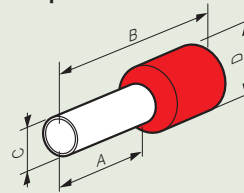
Starfix™ applicator

Correspondence table

Cross-section (mm ²)	Simple ferrule	Large capacity ferrule - refills	Starfix applicator
0.5	376 61	376 41	376 47
0.75	376 62	376 42	376 47
1	376 63	376 43	376 47
1.5	376 64	376 44	376 47
2.5	376 66	376 45	376 47

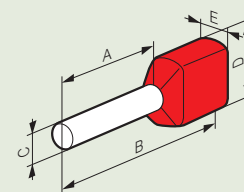
Dimensions (mm)

Simple ferrules



Cat.Nos		Cross-section (mm ²)	A	B	C	D
376 50	377 50	0.25	8	14.5	1.1	3
376 60	377 60	0.34	8	14.5	1.1	3
376 61	377 61	376 41	8	14.5	1.5	3.4
376 62	377 62	376 42	8	14.5	1.5	3.4
376 63	377 63	376 43	8	14.5	1.7	3.6
376 64	377 64	376 44	8	14.5	2	4.1
376 66	377 66	376 45	8	14.5	2.6	4.8
376 67	377 67	4	12	21	3.2	5.7
376 68	377 68	6	12	23	3.9	7.2
376 69		10	12	21	4.9	8.1
376 72		16	12	23	6.3	9.8
376 70		16	18	29	6.3	9.8
376 71		25	18	31	7.9	12
376 77		35	18	32	8.9	13.5
376 78		50	20	36	11.1	16.1

Double ferrules



Cat.Nos	Cross-section (mm ²)	A	B	C	D	E
376 87	2 x 0.75	8	15	2.1	6	3.3
376 88	2 x 1	8	15	2.35	6	4
376 89	2 x 1.5	8	16	2.6	7.2	4.2
376 90	2 x 2.5	10	18.5	3.3	8.4	4.8

Example of use Starfix tool



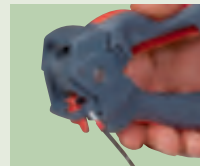
1 Fit the applicator



2 Adjust



The 2-material handle gives an excellent grip

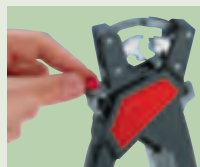


3 Insert the wire

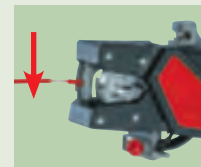


4 Crimp

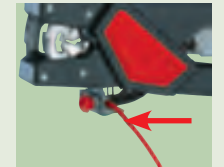
Starfix S tool



1 Adjust the cross-section



2 Strip and twist



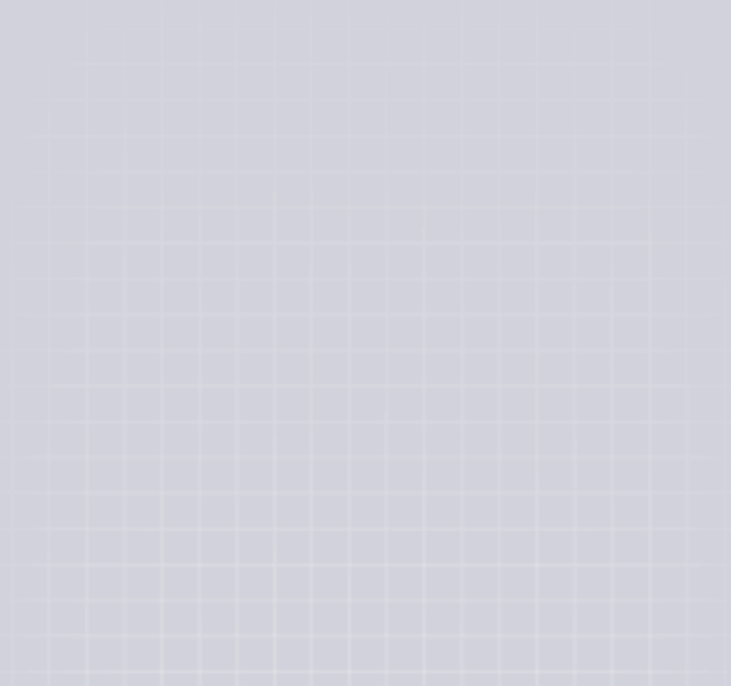
3 Crimp

Catalogue number index

Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack
371 00			372 09	16	50	375 25	19	10/50	376 62	30	480	381 29	28	300
371 00	14	60	10	-	40	27	-	10	63	-	1000	30	-	300
01	-	50	11	-	30	30	-	10	64	-	1000	31	-	300
02	-	40	12	-	40	31	-	10	66	-	1000	32	-	300
03	-	30	20	-	60	32	-	4	67	-	250	33	-	300
04	-	20	21	-	50	34	-	10	68	-	250	34	-	300
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07	-	60	41	-	60	40	-	10	70	-	100	40	-	300
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Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack	Cat.Nos	Page No.	Pack
382 36	28	800	383 14	28	300	383 62	28	300	388 55	26	50	390 73	24	5
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38	-	800	16	-	300	64	-	300	57	-	50	394 00		
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07	-	300	51	-	300	388 00			21	-	5	477 00		
08	-	300	52	-	300	388 49	26	100	31	-	5	477 22	18	10
09	-	300	53	-	300	50	-	100	32	-	5	23	-	10
10	-	300	54	-	300	51	-	100	33	-	5			
11	-	300	55	-	300	52	-	100	34	-	5			
12	-	300	60	-	300	53	-	100	71	-	5			
13	-	300	61	-	300	54	-	100	72	-	5			

In accordance with its policy of continuous improvement, the Company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in this catalogue are for guidance and cannot be held binding on the Company.



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