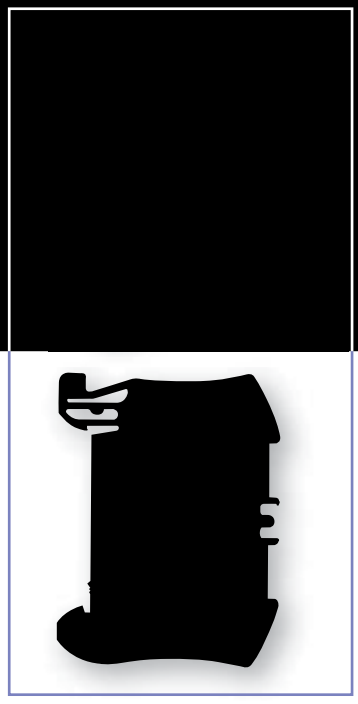
New Viking™ 3, the innovation

Screw or automatic spring connection



A NEW RANGE,
BORN OF RESEARCH & EXPERIENCE

legrand®

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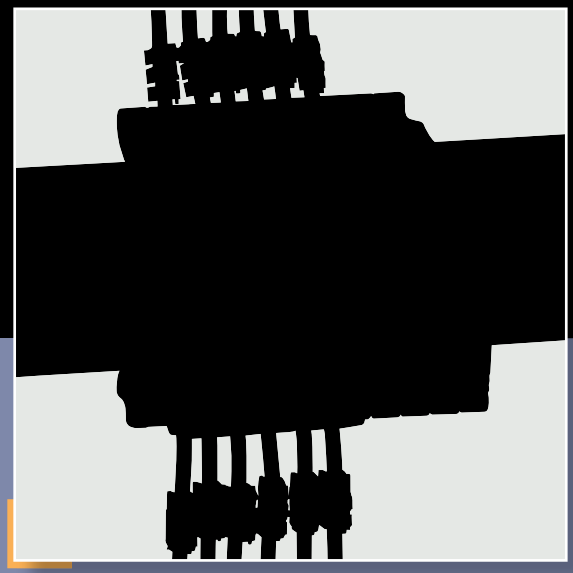
For over 30 years, Legrand has produced Viking 3 screw terminal blocks in its Normandy factories for the whole world. Millions of wiring installers have used the different generations. They are constantly providing ideas for improvement which today make them a benchmark in the connection field.

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

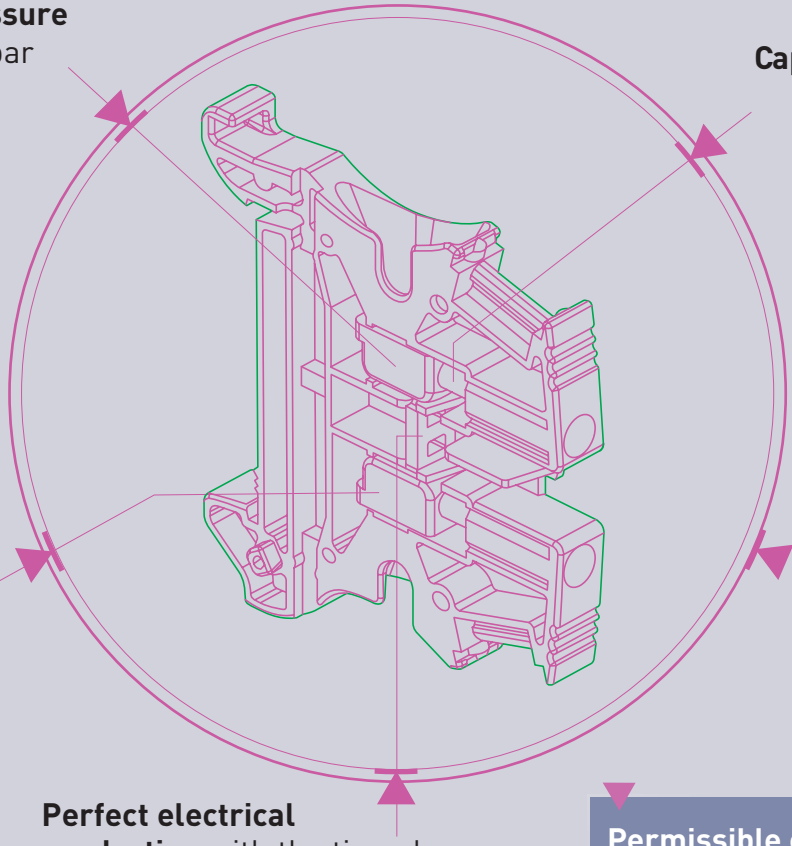


Viking 3 terminal blocks and their CAB 3 marking system

Strength and security:

High contact pressure using the clamp/bar system

Captive screw



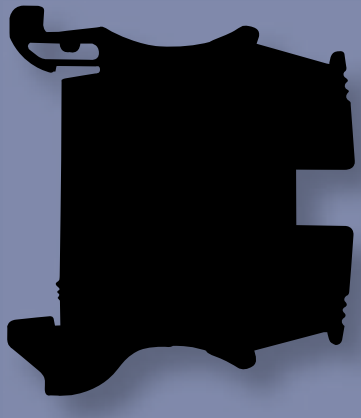
Excellent mechanical strength with a specially selected clamp made of surface-treated steel (1)

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



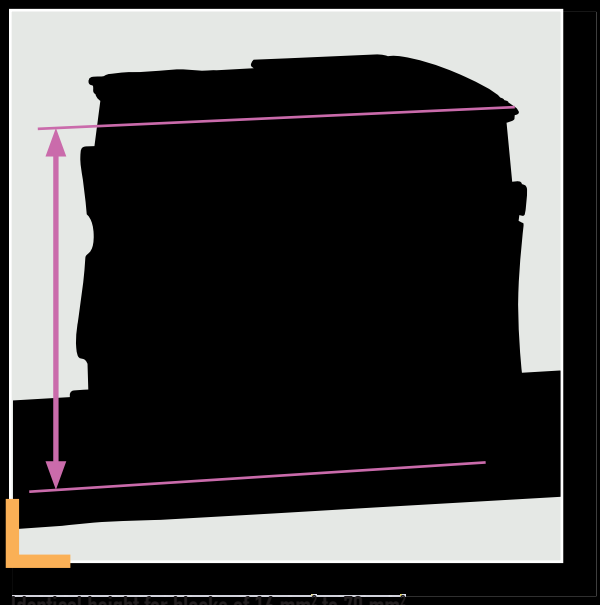
International approvals:
UL/CSA/NF/VDE/IMQ/BV
ATEX certification

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

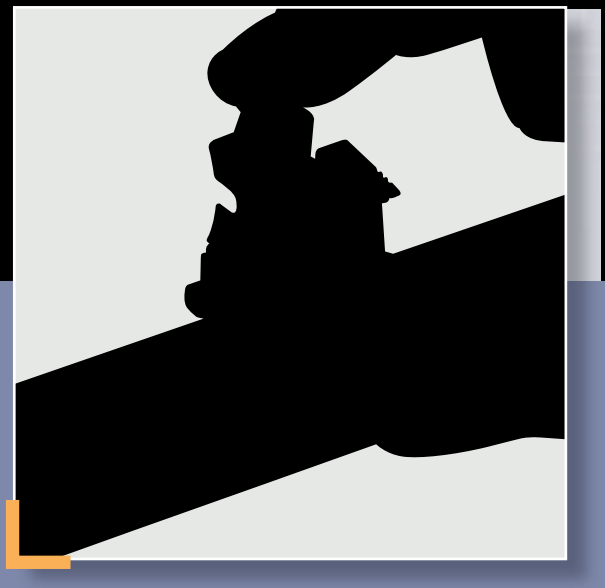
screw connexion

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 easyer 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)



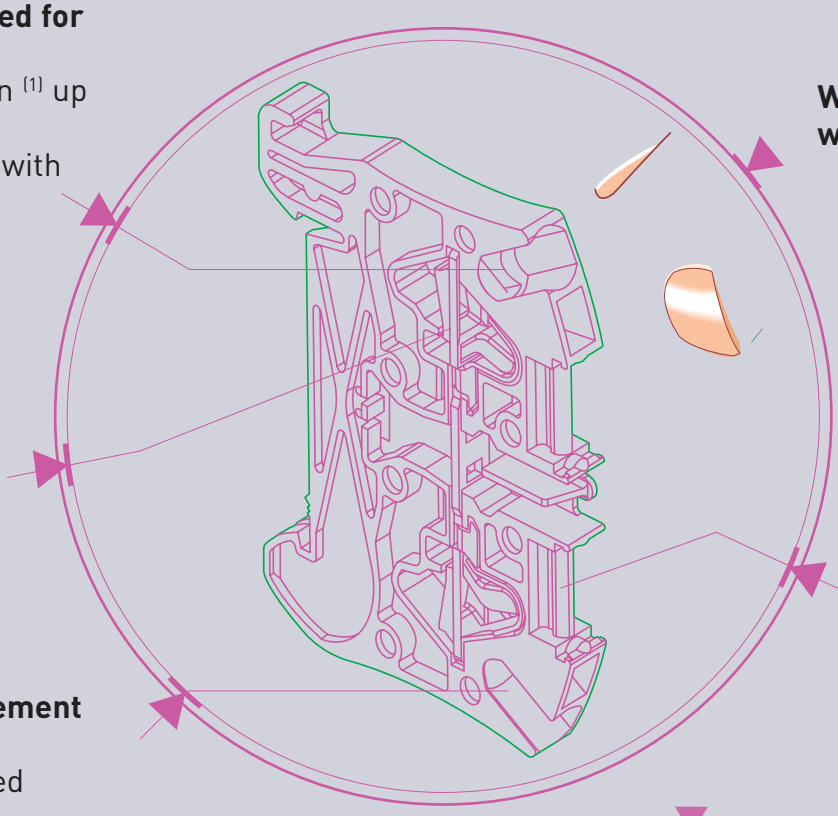
Single end caps for pitches of 5 to 10

Reliability and time saving:

No tool required for connection:
Direct insertion [1] up to pitch of 6.
Disconnection with screwdriver

With or without ferrule

Constant contact pressure

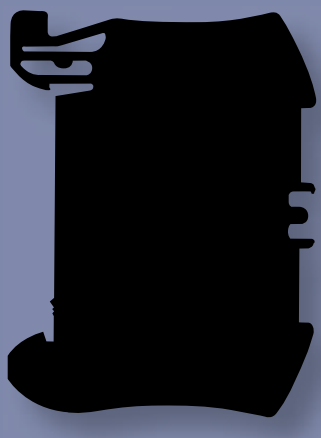


Double central marking area

Better management of wires
with the inclined cable entries

Permissible cross-sections:
0. 5 mm^2 to 16 mm^2

(1) For a flexible wire with no ferrule, the spring is opened using a screwdriver



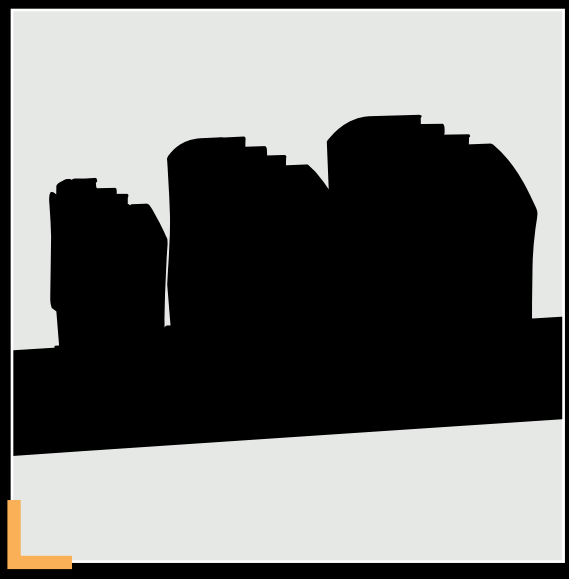
International approvals:
UL/CSA/NF/VDE/IMQ/BV
ATEX certification

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

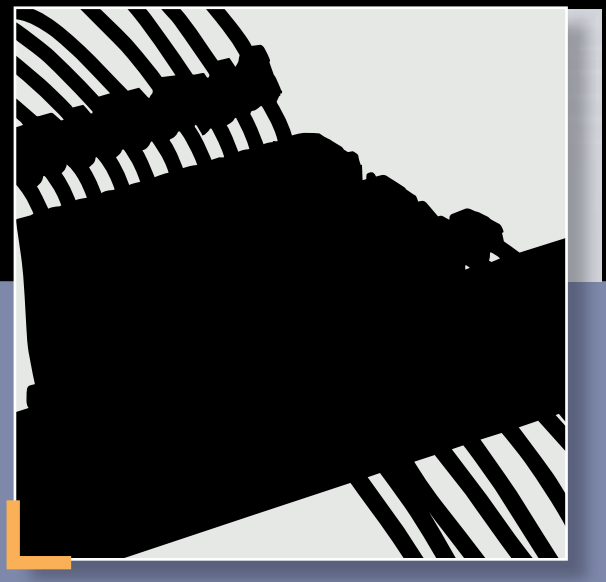
automatic spring connection

The other innovations

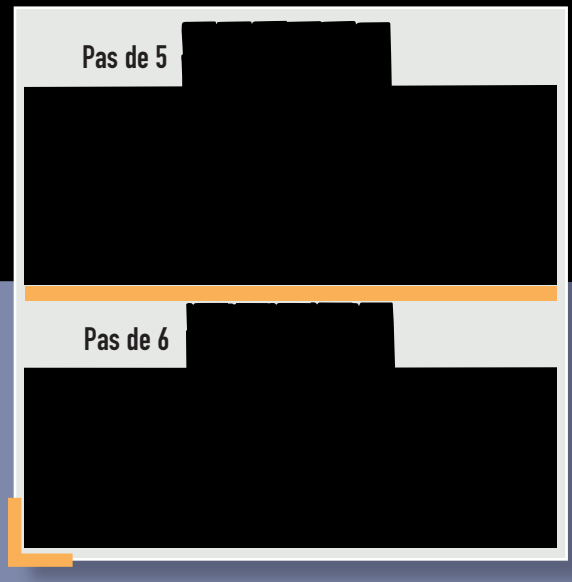
Actively listening to installers has resulted in Legrand's Research & Development department creating an innovative new Viking 3 spring terminal block which, over and above connection quality, has many advantages.



Integrated end caps for pitches of 6 to 12



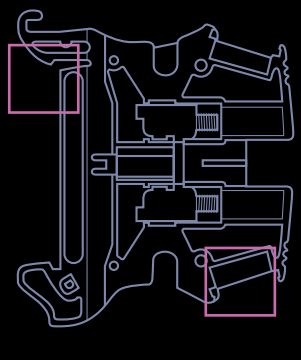
Bridging combs and markings are perfectly visible

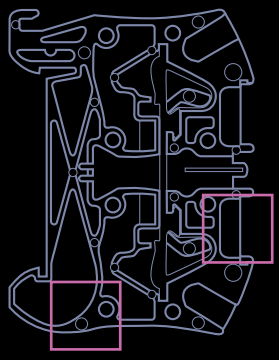


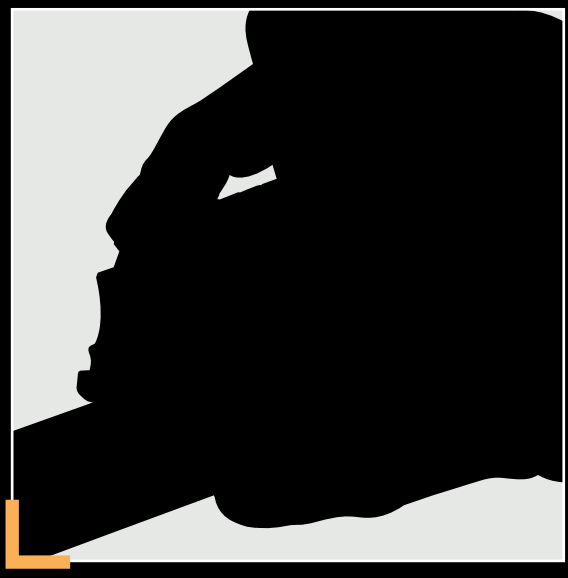
Optimized terminal block size. Identical electrical characteristics for blocks with a pitch of 5 and those with a pitch of 6 (one block gained every 5 blocks with a pitch of 5)

Screw or automatic spring:

more convenient wiring and easier use



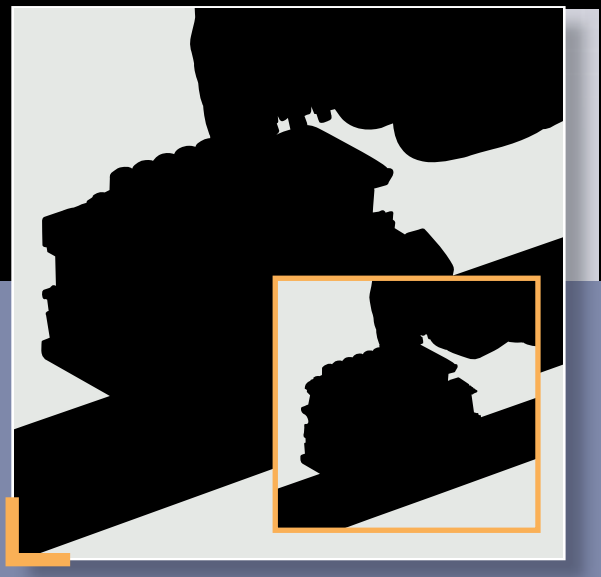




End stop: screwless fixing



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

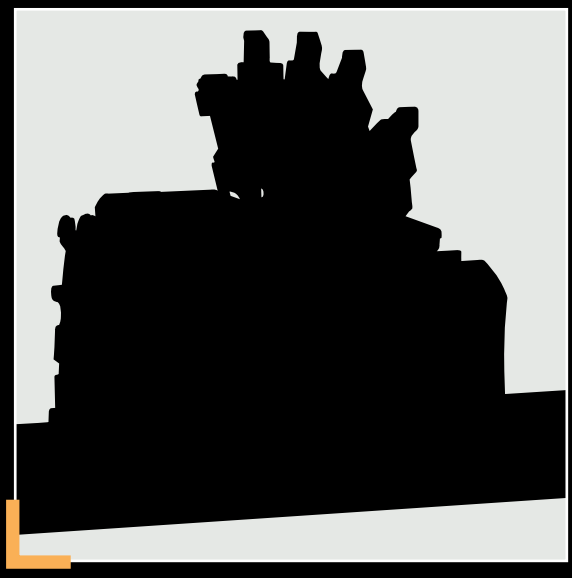


Blown fuse indicator can be added at the last moment (12/48 V or 110/250 V)

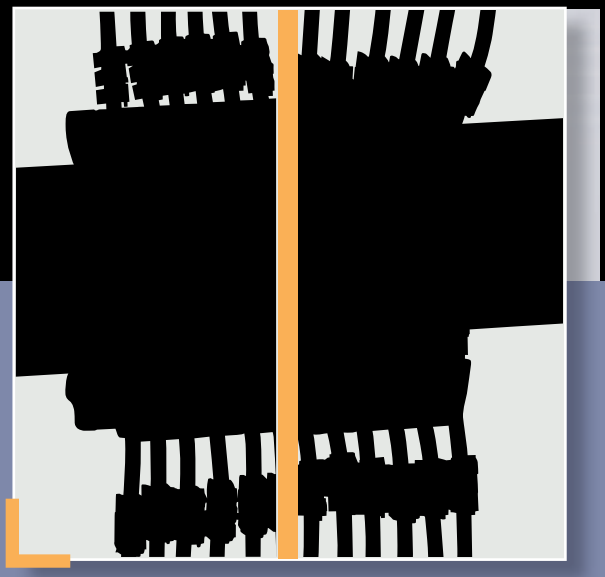
thanks to common accessories.



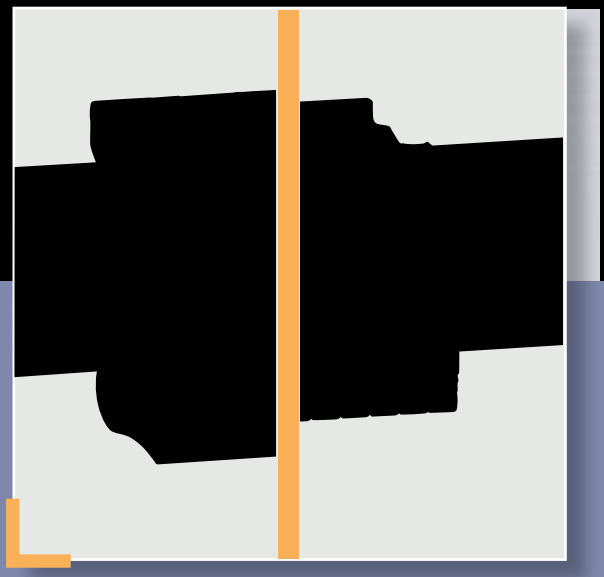
Managing cable shielding with dedicated accessories



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

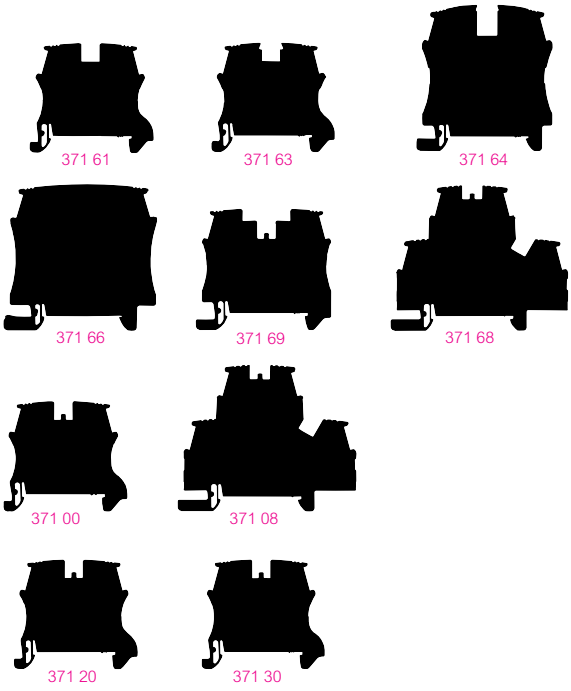
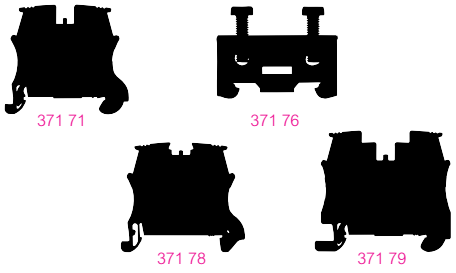
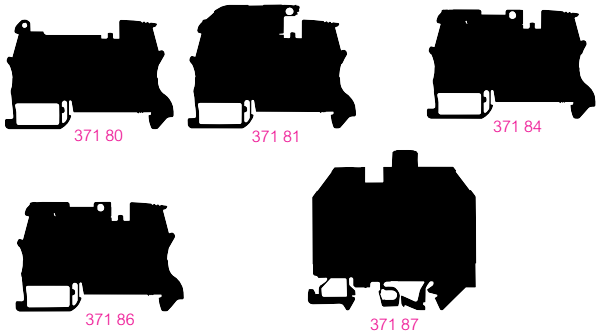
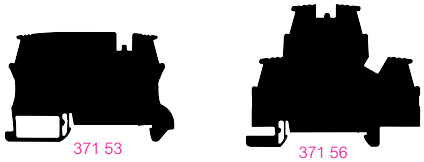
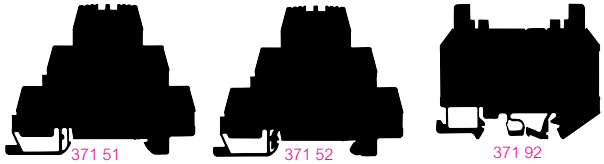


Possibility of either manual marking (CAB 3)...



...and computerized (Logicab 2)

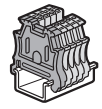
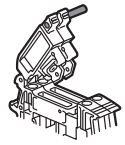
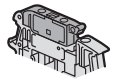
Viking™ 3 terminal blocks with screw connection and accessories NEW
for copper cable

				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)	1 connection - 1 entry/1 outlet		
		1 connection - 2 entries/2 outlets		
		2 connections on 2 levels		
		3 connections on 3 levels		
 371 71 371 76 371 78 371 79	**For protection conductor** (p. 14)	1 connection - 1 entry/1 outlet - metal base		
		1 connection - 1 entry/1 outlet - plastic base(1)		
		1 connection - 2 entries/2 outlets - metal base		
 371 80 371 81 371 84 371 86 371 87	**Disconnect** (p. 15)	1 connection	Open (to be equipped)	
			For fuse cartridge 5 x 20 with handle lever	
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator	
			For neutral circuit with handle lever	
			For standard circuit: With handle lever	
			For standard circuit: With mini lever	
			For circuit not broken: With handle lever	
			For circuit not broken: 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)	1 connection	Modular	
			Diode carrier 1N4007	
		2 connections on 2 levels	Diode carrier 1N4007	
			With voltage presence LED	
 371 51 371 52 371 92	**For sensor and actuator** (p. 15)	3 connections on 3 levels	Sensor	
			Actuator	
	PNE (p. 14)		Phase/Neutral/Earth	
	Measurement (p. 15)	1 connection	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

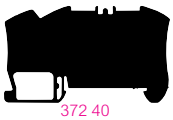
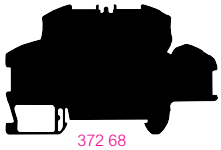
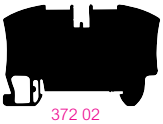
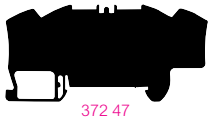
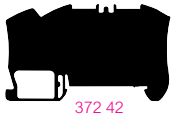
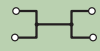
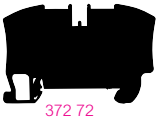
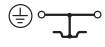
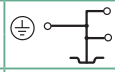
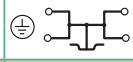
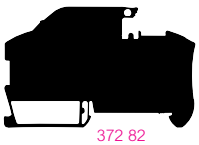
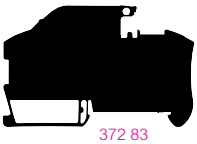
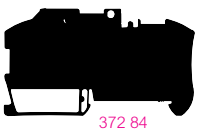
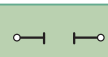
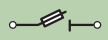
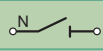
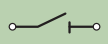
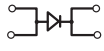
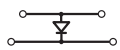
Red catalogue numbers: New products

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											
			371 77											
6	8		371 62	375 50(3)	375 60	375 08	375 07				375 66	375 68	375 27	
			371 02											
			371 78											
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	 Handle lever mini lever (p. 19)
			371 04											
35	15		371 65	375 51	375 61					375 44	375 67	375 69	375 76	
			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)	 Joining rods for disconnect blocks (p. 19)
			371 07											
4	6		371 68	375 53	375 63	375 05		375 04					375 27(4)	
			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)	
2.5	5		371 70	375 50(3)										
4	6		371 71											
6	8		371 72											
10	10		371 73											
16	12		371 74	375 51										
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		 Blown fuse indicators (p. 19)
6	8		371 78	375 50(3)	375 60	375 08	375 07				375 66	375 68		
4	6		371 79	375 52										
2.5	6		371 80	375 55	375 62	375 05		375 04					375 27	
			371 81	375 55	375 62	375 05		375 04						 Shielding (p. 19)
			371 81 + 375 24/25(2)											
			371 82											
			371 83											
			371 84	375 55	375 62	375 05		375 04					375 27	
			371 85	375 55	375 62	375 05		375 04						
			371 86	375 55	375 62	375 05		375 04					375 27	
10	12		371 87	375 56										 CAB 3 (p. 27)
			371 88											
2.5	5		371 53	375 55		375 02		375 01					375 27	
			371 54											
4	6		371 55	375 53	375 63	375 05		375 04					375 27(4)	
			371 56	375 53	375 63	375 05(5)		375 04(5)						
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	

Red catalogue numbers: New products

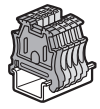
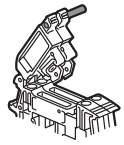
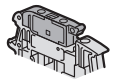
Viking™ 3 terminal blocks with spring connection and accessories NEW
for copper cable

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

(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

Red catalogue numbers: New products

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	
			372 01							
			372 21							
6	8		372 62	built-in		375 08	375 07		375 27	 Label holder for end stop (p. 18)
			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	built-in						
6	8		372 72							
10	10		372 73							
16	12		372 74							
4	5		372 10	375 87						
4	6		372 11	built-in						
4	5		372 12	375 88						 Shielding (p. 19)
4	6		372 79	built-in						
2.5	6		372 80	375 90		375 05		375 04	375 27	
			372 81							 CAB 3 (p. 27)
			372 81 + 375 24/25(1)							
			372 82							
			372 83							
			372 84	375 90		375 05		375 04	375 27	
			372 85	375 90		375 05		375 04		
			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)		

Red catalogue numbers: New products

Viking™ 3 power terminal blocks

	ELECTRICAL FUNCTION		TERMINAL BLOCK Max. connection (mm²)	Pitch (mm)	Cat.Nos Rail ⊔	Cat.Nos Rail ⊏⊐	INSULATION Separation and insulation divider	EQUIPOTENTIAL LINK Shunt	PROTECTION Cover 4 blocks	PROTECTION Cover 3 blocks	ASSOCIATED PRODUCTS
 390 11	**Power terminal blocks** (p. 24)	Cable - cable		42	390 10			394 46			 CAB 3 (p. 27)
				55	390 11			394 47			
		Cable lug - Cable lug		36	390 13			394 46			
				42	390 14			394 46			
				55	390 15			394 47			
 390 21		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			
 390 14		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

			TERMINAL BLOCKS Nominal capacity (mm²)	Pitch (mm)	Cat.Nos (old range)	Cat.Nos (new range)
Standard	1 connection		2.5	5	390 60	371 60
			4	6	390 61	371 61
			6	8	390 62	371 62
			10	10	390 64	371 63
			16	12	390 66	371 64
			35	15	390 68	371 65
			70	22	390 70	371 66
	1 connection - 1 ent. - 2 out.		4	6	390 82	371 69
	2 connections - 2 levels		2.5	5	390 77	371 67
			4	6	390 78	371 68
	3 connections - 3 levels		2.5	5	390 51	371 51
V.O. - UL 94	1 connection		2.5	5	390 00	-
			4	6	390 01	-
			6	8	390 02	-
			10	10	390 04	-
			16	12	390 06	-
			35	15	390 08	-
Function blocks	2 connections 2 levels	Shunted	4	6	390 76	371 69
		Diode carrier	4	6	390 80	371 55
		With voltage presence LED	4	6	390 81	371 56
Disconnect	1 connection	Blade type	4	6	390 84	371 84
		Neutral equipped	4	8	390 85	371 82
		For cartridge 5 x 20	10	12	390 83	371 87
			4	8	390 86	371 81
			4	8	390 87(1)	371 81 + 375 25
		For cartridge 6.3 x 32	10	12	390 89	371 88
	2 connections 2 levels	For cartridge 5 x 20	4	8	390 88	-

SCREW CONNECTION (CONTINUED)

			TERMINAL BLOCKS Nominal capacity (mm²)	Pitch (mm)	Cat.Nos (old range)	Cat.Nos (new range)
For neutral conductor	1 connection		2.5	5	393 00	371 00
			4	6	393 01	371 01
			6	8	393 02	371 02
			10	10	393 03	371 03
			16	12	393 04	371 04
			35	15	393 05	371 05
	2 connections - 2 levels		4	6	393 07	371 08
For circuit not broken	1 connection		2.5	5	393 37	371 20
			4	6	393 39	371 21
	1 disconnect connection		4	6	393 38	371 85
For sensor/ actuator	3 connections 3 levels	Sensor/power supply unit	2.5	5	390 51	371 51
		Actuator/power supply unit	2.5	5	390 52	371 52
PNE		Phase/Neutral/Earth				
For special circuits	1 connection - red		2.5	5	393 29	371 30
	1 connection - red		4	6	393 30	371 31
	1 connection - white		2.5	5	393 31	-
	1 connection - white		4	6	393 32	-
	1 connection - brown		2.5	5	393 33	-
	1 connection - brown		4	6	393 34	-
	1 connection - purple		2.5	5	393 35	-
	1 connection - purple		4	6	393 36	-
For protection conductor	1 connection - Metal base		2.5	5	393 70	371 70
			4	6	393 71	371 71
			6	8	393 72	371 72
			10	10	393 74	371 73
			16	12	393 76	371 74
			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
			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

Available while stocks last

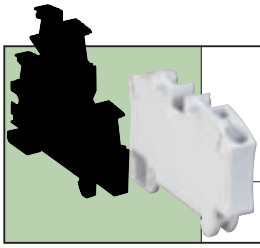
and equivalences between old/new range (continued)

SPRING CONNECTION

				TERMINAL BLOCKS			
				Nominal capacity (mm^2)	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	372 67
				4	6	396 36	372 68
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	372 08
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	372 79

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
394 50	Block with 1 connection - pitch 5-6
394 51	Block with 1 connection - pitch 8-10
394 52	Block with 1 connection - pitch 12-15
394 82	Block with 1 connection 1 ent./2 out. - pitch 6
394 55	Block with 2 connections - pitch 5-6
394 53	Sensor/actuator block - 3 connections Cat.Nos 390 51/52
394 73	Block with 1 connection V.O. - UL 94 - pitch 5-6
394 74	Block with 1 connection V.O. - UL 94 - pitch 8-10
394 75	Block with 1 connection V.O. - UL 94 - pitch 12-15
393 49	Disconnect block - 1 connection Cat.Nos 390 85/86/87
394 83	Disconnect block - 1 connection Cat.No 390 83
393 48	Disconnect block - 2 connections Cat.No 390 88
393 09	Neutral block - 1 connection - pitch 5-6
393 11	Neutral block - 1 connection - pitch 8-10
393 13	Neutral block - 1 connection - pitch 12-15
393 15	Neutral block - 2 connections - pitch 5-6
393 46	Block for circuit not broken - 1 connection Cat.Nos 393 37/39
393 45	Block for circuit not broken - 1 connection Cat.No 393 38
393 84	Block for cond. protection - 2 connections Cat.No 393 73
393 87	Block for cond. protection - 1 connection Cat.No 393 81
393 88	Block for cond. protection - 1 connection Cat.No 393 82
	Separation/insulation divider
394 66	Block with 1 connection pitch 5-6-8-10 and disconnect pitch 6
394 69	Block with 2 connections pitch 5-6
394 67	Block with 1 connection pitch 12-15 and disconnect pitch 8
394 53	Block with 3 connections pitch 5
394 72	Separation barriers for bars for block with 1 connection - pitch 5-6-8-10-12-15
	Equipotential bridging comb
394 31	Pitch 5 - 12 blocks
394 20	Pitch 6 - 12 blocks
394 21	Pitch 8 - 12 blocks
394 40	Pitch 5 - 2 blocks
394 43	Pitch 6 - 2 blocks

Cat.Nos	Equipotential bridging comb (continued)
394 41	Pitch 5 - 3 blocks
394 44	Pitch 6 - 3 blocks
394 22	Sens./act. - pitch 5 - blue - 12 blocks
394 23	Sens./act. - pitch 5 - brown - 12 blocks
394 26	Sens./act. - pitch 5 - green - 12 blocks
	Equipotential bridging bar
394 10	Insulated - pitch 5 - 12 blocks
394 11	Insulated - pitch 6 - 12 blocks
394 12	Insulated - pitch 8 - 12 blocks
394 34	Insulated - pitch 5 - 2 blocks
394 37	Insulated - pitch 6 - 2 blocks
394 35	Insulated - pitch 5 - 3 blocks
394 38	Insulated - pitch 6 - 3 blocks
394 13	Bare - pitch 10 - 12 blocks
394 14	Bare - pitch 12 - 12 blocks
394 15	Bare - pitch 15 - 12 blocks
394 16	Bare - pitch 10 - 12 blocks - low spacer
394 17	Bare - pitch 12 - 12 blocks - low spacer
394 18	Bare - pitch 15 - 12 blocks - low spacer
	Protective screen
394 92	Single pole for block with 1 connection - pitch 5-6
394 93	Single pole for block with 1 connection - pitch 8-10
394 94	Single pole for block with 1 connection - pitch 12-15
394 80	Cut to length - pitch 5-6-8-10 (on Cat.No 394 66)
394 81	Cut to length - pitch 12-15 (on Cat.No 394 67)
	Miscellaneous
394 05	Screening continuity bracket for 1 connection blocks - pitch 5-6-8-10
394 95	Protection cap for separable combs/ bars - pitch 5-6
394 06	Joining rod for 2 disconnect blocks
394 07	Joining rod for 3 disconnect blocks
394 08	Joining rod for 4 disconnect blocks
394 24	Test socket for block pitch 5-6-8-10
394 25	Test socket for block pitch 12-15

SPRING CONNECTION ACCESSORIES

Cat.Nos	End cap
396 31	Std term. block - 2 wires - pitch 5-6
396 32	Std term. block - 3 wires - pitch 5
396 77	Std term. block - 3 wires - pitch 6
396 33	Std/diode term. block - 4 wires - pitch 5
396 48	Std term. block - 4 wires - 2 levels - pitch 5
396 85	Std term. block - 4 wires - 2 levels - pitch 6
396 37	Neutral term. block - 2 wires - pitch 5-6
396 38	Neutral term. block - 3 wires - pitch 5
396 78	Neutral term. block - 3 wires - pitch 6
396 39	Neutral term. block - 4 wires - pitch 5
396 86	Neutral term. block - 4 wires - 2 levels - pitch 6
396 47	Disconnect term. block - 2 wires - pitch 6
396 43	Protection cond. term. block - 2 wires - pitch 5-6
396 76	Protection cond. term. block - 3 wires - pitch 5
396 79	Protection cond. term. block - 3 wires - pitch 6
396 45	Protection cond. term. block - 4 wires - pitch 5
396 87	Protection cond. term. block - 4 wires - 2 levels - pitch 6

Cat.Nos	Separation/insulation divider
396 49	Block with 2 wires - pitch 5-6
396 50	Block with 3 wires - pitch 5
396 80	Block with 3 wires - pitch 6
396 51	Block with 4 wires - pitch 5
396 53	Block with 4 wires - 2 levels - pitch 5
396 88	Block with 4 wires - 2 levels - pitch 6
	Equipotential bridging comb
396 58	Block - pitch 5 - 2 poles
396 59	Block - pitch 5 - 3 poles
396 60	Block - pitch 5 - 10 poles
396 61	Block - pitch 6 - 2 poles
396 62	Block - pitch 6 - 3 poles
396 63	Block - pitch 6 - 10 poles
396 75	Block - pitch 8 - 2 poles
396 64	Block - pitch 10 - 2 poles
396 65	Block - pitch 12 - 2 poles

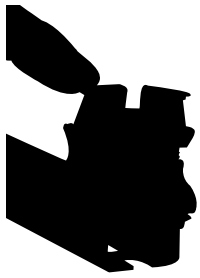
Red catalogue numbers: New products

terminal blocks with screw connection Viking™ 3 NEW


371 60 + 371 00 + 371 20 + 371 30


371 69

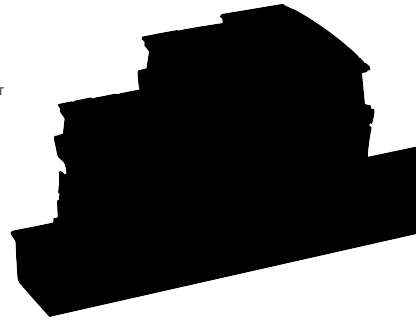

371 68


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

Connecting

Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device, red for special circuits (safety, protected, etc)

1 connection - 1 entry/1 outlet

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
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	4	0.25 to 6	0.25 to 4	6
50	371 01	Blue				
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

1 connection - 2 entries/2 outlets

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
25	371 69	Grey	4	0.25 to 6	0.25 to 4	6
25	371 09	Blue				

2 connections on 2 levels

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
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				

3 connections on 3 levels

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
50	371 51(2)	Grey	2.5	0.25 to 4	0.25 to 2.5	5

For protection conductor

1 connection - 1 entry/1 outlet - metal base

Screwless fixing on rail up to 10 mm pitch
PEN from 10 mm²

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
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

1 connection - bare block - metal base

Pack	Cat.Nos		Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
10	371 76	-	35	2.5 to 50	4 to 35	15

1 connection - 2 entries/2 outlets - metal base

Screwless fixing on rail

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
50	371 79	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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
50	371 52(2)	Grey	2.5	0.25 to 4	0.25 to 2.5	5

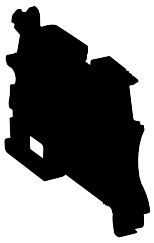
CAB 3 marking system

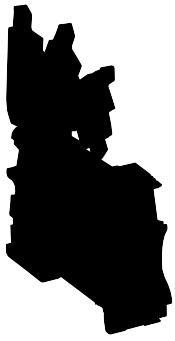
voir p. 27

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

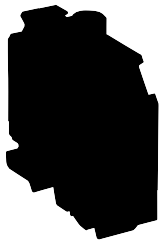
Red catalogue numbers: New products

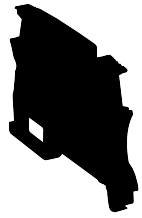
terminal blocks with screw connection Viking™ 3 (continued) NEW


371 80 + automotive-type fuse

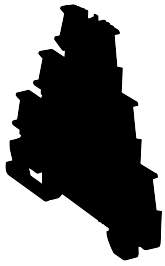

371 82 + 371 83 + 371 85

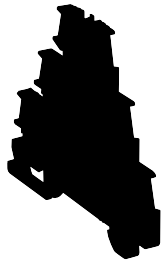

371 84 + 371 86

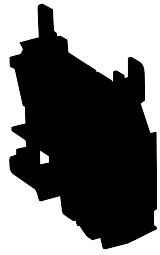

371 87


371 53


371 55


371 51


371 52


371 92

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 ⊔ depth 15 mm, ⊔ EN 60715 depth 7.5 mm and 15 mm

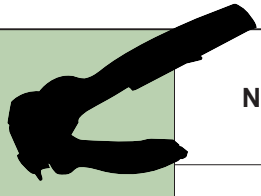
Disconnect terminal blocks 1 connection

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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
20	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	371 81	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For neutral circuit with blue handle lever				
20	371 82	Grey/blue	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with handle lever				
20	371 83	Grey	2.5	0.25 to 2.5	0.25 to 2.5	6
		For standard circuit with mini lever				
20	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	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	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	371 87	Grey	10	0.25 to 16	0.25 to 10	12
		For cartridge 6.3 x 32 with screwed plug				
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)



New Starfix crimping tools

voir p. 30

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)	Pitch (mm)
20	371 53	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		1 connection - diode carrier				
20	371 54	Grey	2.5	0.25 to 4	0.25 to 2.5	5
		2 connections on 2 levels - diode carrier				
60	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⎓ et ∿)				
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)

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Pitch (mm)
		3 connections on 3 levels - for sensor				
50	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	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)	Pitch (mm)
25	371 92	Grey	4	0.25 to 4	0.25 to 4	8

Accessories (p. 18)

End stops (p. 18)

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

Red catalogue numbers: New products

terminal blocks with spring connection Viking™ 3 NEW



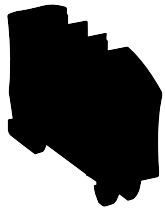
372 60 + 372 00 + 372 20



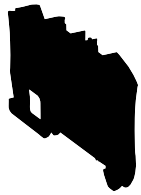
372 01



372 21



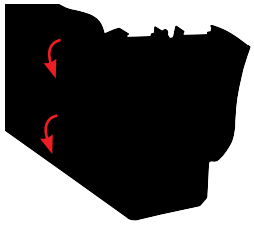
372 63



372 40



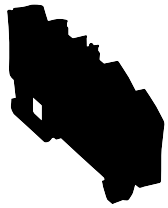
Automatic insertion of flexible wire with ferrule cap or rigid wire up to pitch of 6 mm



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 ⊔ depth 15 mm, ⊔ EN 60715 depth 7.5 mm and 15 mm

Connecting

Grey for standard circuit, blue for neutral conductor, orange for circuit not broken by the master isolating device

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
1 connection - 2 wires - 1 entry/1 outlet							
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					
1 connection - 3 wires - 1 entry/2 outlets							
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					
1 connection - 4 wires - 2 entries/2 outlets							
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					
2 connections - 4 wires - 2 levels							
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					

For protection conductor

Metal base
Screwless fixing on rail
PEN from 10 mm²

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
1 connection - 2 wires - 1 entry/1 outlet							
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6
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	10	0.75 to 10	0.75 to 10	0.75 to 10	10
15	372 74(1)	Green/yellow	16	4 to 16	4 to 16	4 to 16	12
1 connection - 3 wires - 1 entry/2 outlets							
40	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	4	0.5 to 6	0.5 to 4	0.5 to 4	6
1 connection - 4 wires - 2 entries/2 outlets							
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	4	0.5 to 6	0.5 to 4	0.5 to 4	6



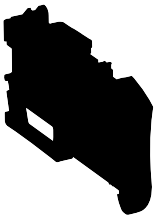
CAB 3 marking system

voir p. 27

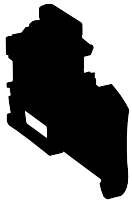
(1) Built-in end cap

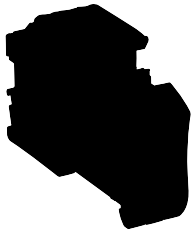
Red catalogue numbers: New products

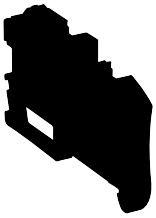
terminal blocks with spring connection Viking™ 3 (continued) NEW

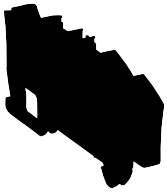

372 80 with automotive-type fuse


372 81 open


372 81 with blown fuse indicator (p. 19)


372 82 + 372 83 + 372 85


372 84


372 54

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 ⊔ depth 15 mm, ⊔ EN 60715 depth 7.5 mm and 15 mm

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

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
20	372 80	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For fuse cartridge 5 x 20 with handle lever							
20	372 81	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For neutral circuit with blue handle lever							
20	372 82	Grey/blue	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For standard circuit with handle lever							
20	372 83	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For standard circuit with mini lever							
20	372 84	Grey	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For circuit not broken with handle lever							
Circuit not broken by the master isolating device							
20	372 85	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6
For circuit not broken with mini lever							
Circuit not broken by the master isolating device							
20	372 86	Orange	2.5	0.5 to 2.5	0.5 to 2.5	0.5 to 2.5	6

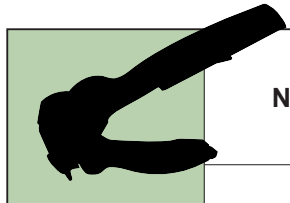
Blade type levers, joining rods and blown fuse indicators (p. 19)

Function blocks

Pack	Cat.Nos	Colour	Nominal cross-section (mm²)	Capacity: Rigid wire (mm²)	Capacity: Flexible wire (mm²)	Capacity: Flexible wire with ferrule (mm²)	Pitch (mm)
1 connection - 4 wires - 2 entries/2 outlets - diode carrier							
60	372 54	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 55	Grey	4	0.5 to 6	0.5 to 4	0.5 to 2.5	5
2 connections - 4 wires - 2 levels - with LED							
Voltage presence indicator (12/24V⎓ et ∿)							
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)

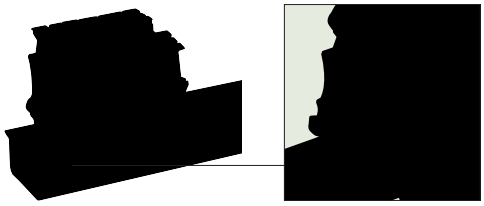


New Starfix crimping tools

voir p. 30

Red catalogue numbers: New products

accessories for terminal blocks Viking™ 3



End stop 375 10, screwless mounting



375 11 with label holder 395 96

375 12 with CAB 3 labelling

375 13 with label holder Duplix 384 98



Automatic bridging combs Cat. No 375 01 to 375 08 for terminal blocks with screw or spring connection

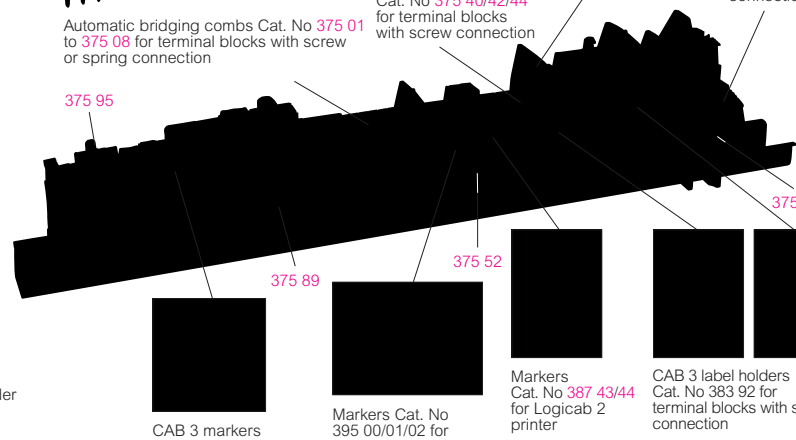


Equipotential bars Cat. No 375 40/42/44 for terminal blocks with screw connection

375 62



Bridging combs Cat. No 375 46/47 for 3 level terminal blocks with screw connection



CAB 3 markers

Markers Cat. No 395 00/01/02 for Logicab 2 flattbed plotter

Markers Cat. No 387 43/44 for Logicab 2 printer

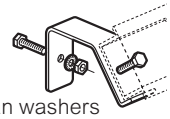
CAB 3 label holders Cat. No 383 92 for terminal blocks with screw connection

Technical characteristics (p. 23)

Rails for cutting to length

Pack	Cat.Nos	
		Length 2 m
10	374 04	⌙ EN 60715 depth 7.5 mm
10	374 07	⌙ depth 15 mm
10	477 22	⌙ depth 7.5 mm with oblong holes
10	477 23	⌙ depth 15 mm with oblong holes

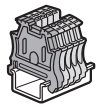
45° mounting bracket



10	394 49	Set of 2 supports for tilting a rail at an angle of 45° Supplied with 4 x M6 screws, nuts an washers

End stops

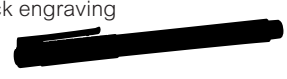
Accept CAB 3 markers



50	375 10	**Automatic 6 mm pitch** Screwless mounting For rails ⌙ depth 15 mm and ⌙ EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat.No 395 96 Acts as end cap for screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10 mm pitch
20	375 11	**8 mm pitch** For rails ⌙ depth 15 mm and ⌙ EN 60715 depth 7.5 mm and 15 mm Accepts label holder Cat.No 395 96
10	375 12	**10 mm pitch** For rails ⌙ depth 15 mm and ⌙ EN 60715 depth 7.5 mm (except for rail fixed on plate) and 15 mm For supporting protection or shielding bar: - Brass bar Cat.Nos 373 00/01 - Copper bar 12 x 4 mm with clamps Cat.No 373 02 - IP 2X terminal block with flat steel bar 12 x 2 mm Cat.No 048 19 - Copper bar 12 x 4 mm Cat.No 373 49 or 373 89 - Shielding bar 10 x 3 mm Cat.No 375 34
20	375 13	**12 mm pitch** For rails ⌙ EN 60715, ⌙ depth 15 mm and ⌙ EN 60715 depth 7.5 mm and 15 mm After cutting out the upper divider, can be labelled using Duplix label holder Cat.No 384 98

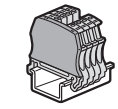
Identification accessories

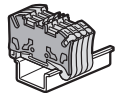
20	395 96	Transparent label holder with variable angle Fixing on end stops Cat.Nos 375 10/11 Supplied with label 32 x 9.5 mm Can take label Cat.No 395 97
20	395 97	Label for engraving 28 x 9.5 mm For label holder Cat. No 395 96. Flexible ABS White background, black engraving
10	395 98	Black felt tip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



End caps

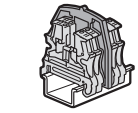
Pack	Cat.Nos	
		Grey
		For screw terminal blocks
100	375 50	1 entry/1 outlet 5, 6, 8 and 10 mm pitch
20	375 51	1 entry/1 outlet 12 and 15 mm pitch
20	375 52	2 entries/2 outlets
20	375 53	2 levels
20	375 54	3 levels
20	375 55	Disconnect type 6 mm pitch and function blocks 5 mm pitch
20	375 56	Disconnect type fuse cartridge 5 x 20 and 6.3 x 32 with screwed plug
10	375 57	Disconnect for measurement
		For spring terminal blocks with 5 mm pitch Allows the block to become 6 mm pitch and take a flexible wire fitted with a ferrule 4 mm²
50	375 86	1 entry/1 outlet
50	375 87	1 entry/2 outlets
20	375 88	2 entries/2 outlets
20	375 89	2 levels
		For spring terminal blocks with 6 mm pitch
20	375 90	Disconnect type

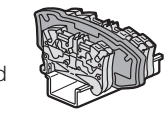




Separation and insulation dividers

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





Equipotential bridging accessories

		Brigding combs for screw and spring terminal blocks Front mounting (automatic insertion), screwless Isolated and separable. Consecutive or alternating connection. Red
20	375 01(1)	For 10 blocks with 5 mm pitch
50	375 02(1)	For 2 blocks with 5 mm pitch
20	375 04(2)	For 10 blocks with 6 mm pitch
50	375 05(2)	For 2 blocks with 6 mm pitch
20	375 07(3)	For 3 blocks with 8 mm pitch
20	375 08(3)	For 2 blocks with 8 mm pitch

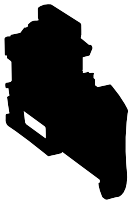


(1) Blocks Cat. Nos 371 51/52: upper level only
Block Cat.No 372 56: lower level only
(2) Block Cat.No 371 56: lower level only
(3) Except for Cat.No 371 92

Red catalogue numbers: New products

accessories for terminal blocks Viking™ 3 (continued)


371 80 + 375 15 + 375 25

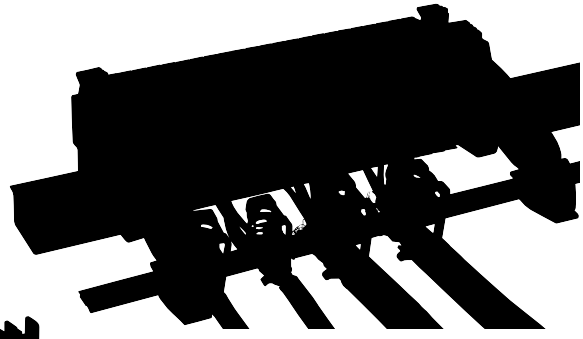

372 81 + 375 24


375 15

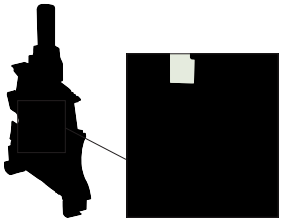

375 16


375 17


375 18


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


375 66 + 371 63 + 371 03


375 27 + 371 61


375 76 + 371 64


375 77 + 371 92 open

Technical characteristics (p. 22)

Equipotential bridging accessories (continued)

Emb.	Réf.	
		Bars for screw terminal blocks Front mounting with screws. Pre-assembled, bar Consecutive or alternating connection
10	375 40	For 12 blocks with 10 mm pitch
10	375 42[1]	For 12 blocks with 12 mm pitch
10	375 44	For 12 blocks with 15 mm pitch
		Bridging combs for 3-level screw terminal blocks For lower and intermediate levels of blocks Cat.Nos 371 51/52. Side mounting Isolated and separable
10	375 46	Brown. For 12 blocks with 5 mm pitch
10	375 47	Blue. For 12 blocks with 5 mm pitch
		Bridging combs for spring terminal blocks Front mounting (automatic insertion), screwless Isolated. Red
20	375 82	For 2 blocks with 10 mm pitch
20	375 85	For 2 blocks with 12 mm pitch

Accessories for disconnect blocks

For screw and spring terminal blocks

		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/**50**	375 15	With handle lever for fuse cartridge 5 x 20
10/**50**	375 16	Blue handle lever for neutral
10/**50**	375 17	Grey handle lever
10/**50**	375 18	Mini lever
		Joining rods For handle and mini lever
20	375 21	For 2 blocks
20	375 22	For 3 blocks
		Blown fuse indicators Clip directly onto blocks Cat.Nos 371 81, 372 81 or handle lever 375 15 (with power off)
10/**50**	375 24	12/24/48 V⎓ and ∿ for block with fuse cartridge 5 x 20 with handle lever
10/**50**	375 25	110/250 V∿ for block with fuse cartridge 5 x 20 with handle lever

Shielding accessories

Ensure safe, simple connection of cable shielding

		Shielding clamps For screw and spring terminal blocks - mounted by pivoting on collector bar 10 x 3 mm Cat.No 375 34 - mounted on plate with M4 screws (supplied) - mounted on rail ⊔ with Cat.No 364 69
10	375 30	For cable diam. 3 to 8 mm
10	375 31	For cable diam. 4 to 13.5 mm
4	375 32	For cable diam. 10 to 20 mm

Shielding accessories (continued)

Ensure safe, simple connection of cable shielding

		Shielding bar For screw and spring terminal blocks. Steel. Length 1 m. For use with end stops Cat.No 375 12
10	375 34	10 x 3 mm
		Screening continuity bracket
50	375 35	For screw terminal blocks 1 entry/1 outlet 5, 6, 8 and 10 mm pitch Connected with 2.8 x 0.8 mm clips or welded on. Capacity: 1 mm²

Protective screens

		1 pole For screw terminal blocks 1 entry/1 outlet
10	375 65	5 and 6 mm pitch
10	375 66	8 and 10 mm pitch
10	375 67	12 and 15 mm pitch
		Cut to length Length 1 m Mounted on separation and insulation divider For screw terminal blocks 1 entry/1 outlet
10	375 68	5, 6, 8 and 10 mm pitch (divider Cat.No 375 60)
10	375 69	12 and 15 mm pitch (divider Cat.No 375 61)

Measurement accessories

		For screw and spring terminal blocks
10	375 27[2]	Measurement socket for Ø4 mm plug for blocks with 5 and 6 mm pitch
		For screw terminal blocks
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
		IP 2X safety tip adaptor
1/**10**	394 45	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

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

terminal blocks with screw connection Viking™ 3

■ Characteristics and dimensions (mm)

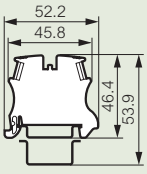
V2 polyamide according to UL 94, 960°C according to IEC EN 60695-2-11

Connecting blocks

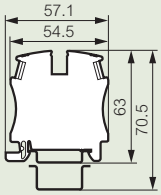
Cat.Nos	Voltage (V)			Current (A)				Nominal cross-section		
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
371 00/20/30/60	800	600	600	27	24	20	20	2.5	12	12
371 01/21/31/61				36	32	30	30	4	10	10
371 02/62				48	41	50	50	6	8	8
371 03/63				63	57	60	60	10	6	6
371 04/64				85	76	85	85	16	4	4
371 05/65				138	125	115	115	35	2	2
371 07/67	500	300	300	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	1000	600	600	213	192	200	200	70	000	000
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
Ie: Rated current NF C 15100 table 52H, column 4

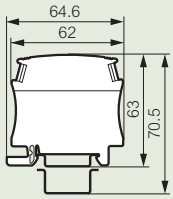
Cat.Nos 371 00/01/02/ 03/20/21/30/31/60/61/ 62/63/77/78



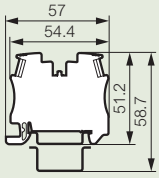
Cat.Nos 371 04/05/64/65



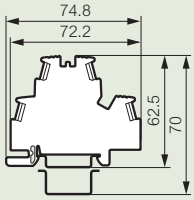
Cat.No 371 66



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

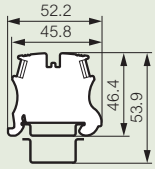
Attestation of conformity of component for the customer is available on request
(1) Except for Cat.No 371 76

Blocks for protection conductor

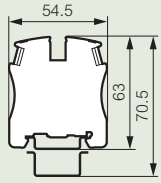
Cat.Nos	Voltage (V)			Current (A)		Nominal cross- section		
	IEC	CSA	UL	Ie	IEC	IEC (mm²)	CSA (AWG)	UL (AWG)
371 70	800	600	600	-	-	2.5	12	12
371 71				-	-	4	10	10
371 72				-	-	6	8	8
371 73(1)				63	57	10	6	6
371 74(1)				85	76	16	4	4
371 75(1)				138	125	35	2	2
371 76	-	-	-	-	-	35	-	-
371 77	800	600	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
Ie: Rated current NF C 15100 table 52H, column 4
(1) PEN terminal blocks

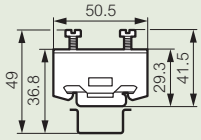
Cat.Nos 371 70/71/72/73



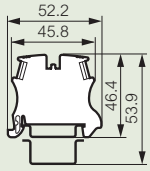
Cat.Nos 371 74/75



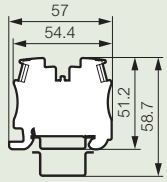
Cat.No 371 76



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									
371 87/88	250	250	250	10	10	10	10		

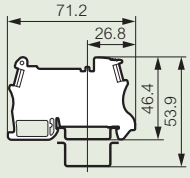
IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

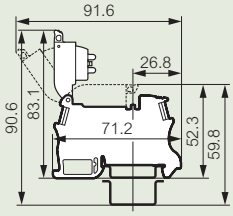
Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
371 81 or 371 80 + 375 15(1)	4 W / 6.3 A	1.6 W/6.3 A	1.6 W/6.3 A	-
	Pvk = 4.75 W	Pvk = 2 W	Pv = 1.65 W	-
371 87/88	4 W	2.5 W	1.6 W	-
	Pvk = 5 W	Pvk = 2.7 W	Pv = 1.8 W	-

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

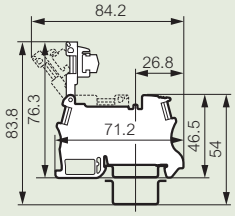
Cat.No 371 80



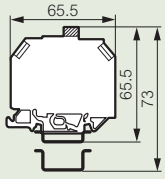
Cat.Nos 371 81/82/83/85



Cat.Nos 371 84/86



Cat.No 371 87/88

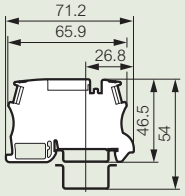


Function blocks

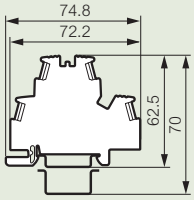
Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm^2)	CSA (AWG)	UL (AWG)
371 53	250	-	-	-	-	-	2.5	-	-
371 54	250	-	-	1	-	-	2.5	-	-
371 55	500	300	300	1	1	1	4	10	10
371 56	12 to 24	12 to 24	12 to 24	32	30	30	4	10	10

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

Cat.Nos 371 53/54

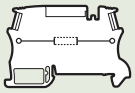


Cat.Nos 371 55/56

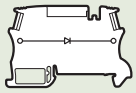


Schematic diagrams

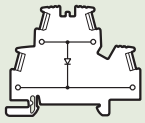
Cat.No 371 53



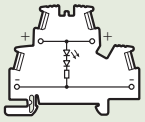
Cat.No 371 54



Cat.No 371 55



Cat.No 371 56



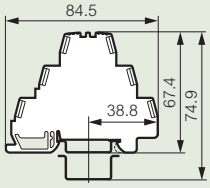
Diode for Cat.Nos 371 54/55
- 1N4007 type 1A
- direct current ⎓ 1 A
- peak inverse voltage 1000 V
- inverse current 5 µA at 25°C

Blocks for sensors and actuators/PNE

Cat.Nos	Voltage (V)			Current (A)				Nominal cross- section		
	IEC	CSA	UL	Ie	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										

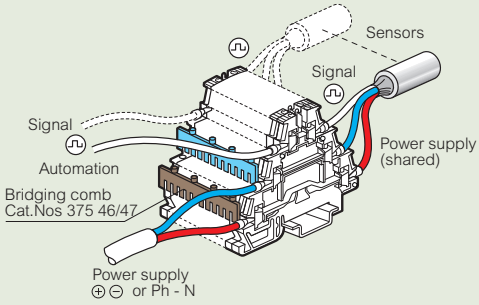
IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059
Ie: Rated current NF C 15100 table 52H, column 4

Cat.Nos 371 51/52

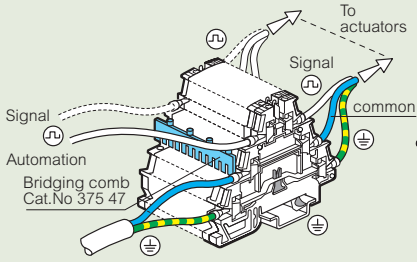


Wiring principle

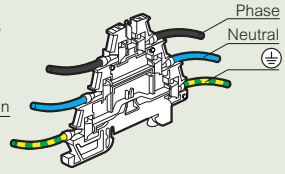
Block for sensor Cat.No 371 51



Block for actuator Cat.No 371 52



PNE block Cat.No 371 52

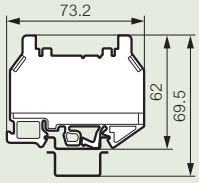


Disconnect block for measurement

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	-	-

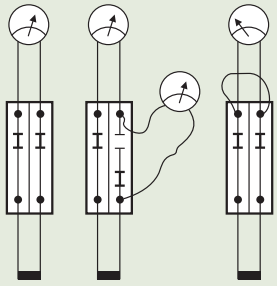
IEC EN 60947-7-1

Cat.No 371 92



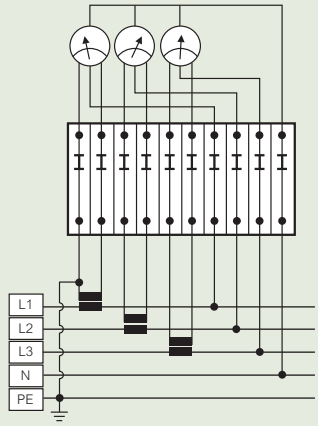
Wiring principle for measurement blocks Cat.No 371 92

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 to 8
6	
8	10 to 12
10	
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

■ 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	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
372 00	800	600	600	36	32	20	20	4	12	12
372 01										
372 02				48	41	30	30	6	10	10
372 03				63	57	50	50	10	8	8
372 04				85	76	65	65	16	6	6
372 07	500	300	300	36	32	30	30	4	10	10
372 08										
372 09	800	600	600			20	20		12	12
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
Ie: 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				6		
372 73(1)				10	8	8
372 74(1)				16	6	6
372 79				4	10	10

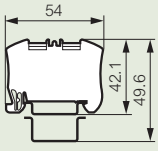
IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
(1): PEN terminal blocks

Function blocks

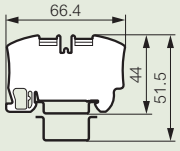
Cat.Nos	Voltage (V)			Current (A)			Nominal cross- section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
372 54	500	300	300	1	1	1	4	14	14
372 55									
372 56	12 to 24	12 to 24	12 to 24	-	-	-			

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

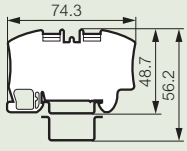
Cat.Nos 372 00/01/20/ 21/60/61/70/71



Cat.Nos 372 02/62/72



Cat.Nos 372 03/63/73



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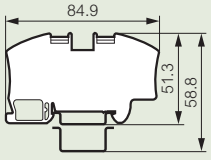
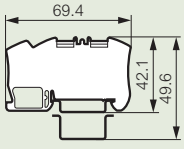
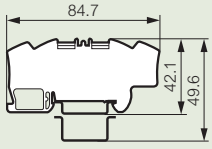


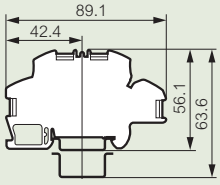
Cat.Nos 372 10/11/40/ 41/42/43/44



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

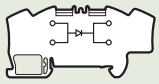


Cat.Nos 372 07/08/55/56/67/68

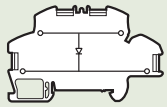


Schematic diagrams

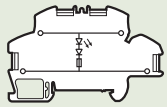
Cat.No 372 54



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/tD/iD II

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

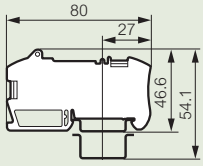
IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

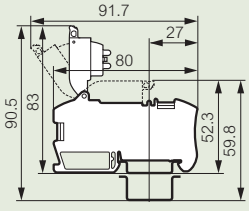
Cat.Nos	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
372 81 ou 372 80 + 375 15(1)	4 W / 6.3 A	1.6 W / 6.3 A	1.6 W / 6.3 A	-
	Pvk = 4.75 W	Pvk = 2 W	Pv = 1.65 W	-

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

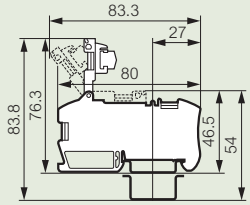
Cat.No 372 80



Cat.Nos 372 81/82/83/85



Cat.No 372 84/86



Stripped lengths (mm)

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

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

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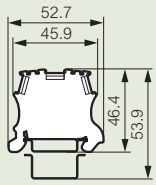
Viking 3 terminal blocks satisfy the incandescent wire test 960 °C according to standard IEC 60695-2-11

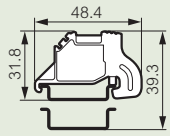
■ Characteristics and dimensions (mm)

End stops

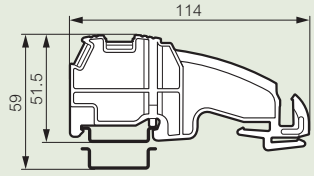
Cat.No 375 10



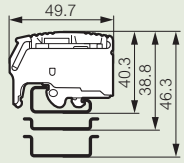
Cat.No 375 11



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

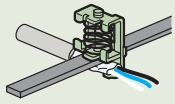
Cat.Nos	Thickness (mm)
375 54	2.5
375 60	2.5
375 61	2.6
375 62	2.5
375 63	2.5
375 95	2.8
375 96	2.7

Equipotential bridging combs/bars

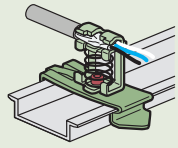
Cat.Nos	Cross-section (mm^2)
375 01	2.5
375 02	2.5
375 04	4
375 05	4
375 07	6
375 08	6
375 40	10
375 42	16
375 44	35
375 46	2.5
375 47	2.5
375 82	10
375 85	16

Shielding clamps

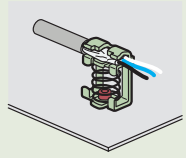
Mounting on bar
10 x 3 Cat.No 375 34

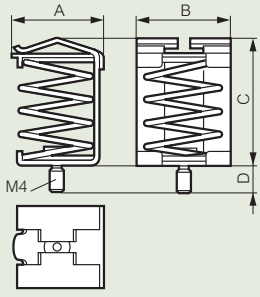


Mounting on rail
with accessory
Cat.No 364 69



Mounting on plate

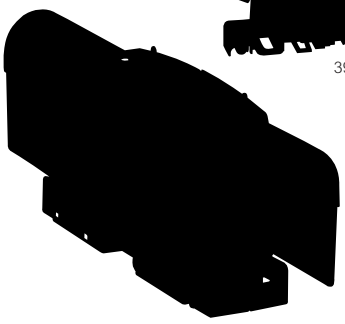


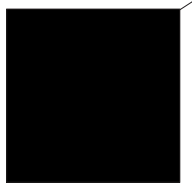


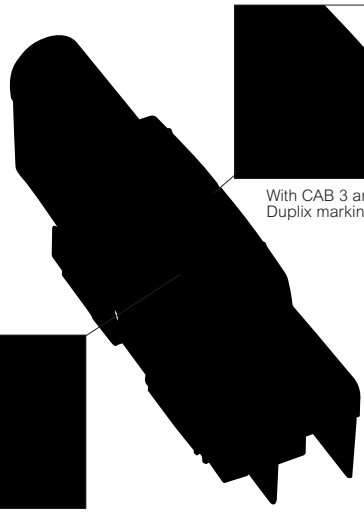
Cat.Nos	A	B	C	D
375 30	13.5	18	26	5.6
375 31	20	20.3	31.4	5.3
375 32	24.8	26	40	5.3

Viking™ 3 power terminal blocks

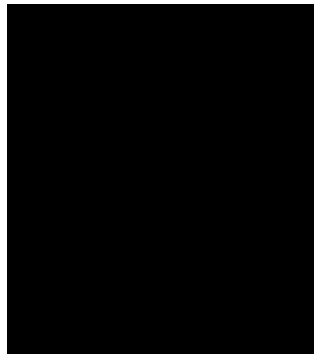

390 11 (interior view)


390 11


Possibility of sealing



390 10


Direct connection Al/Cu

For copper and aluminium cables

Bridging the gap between the enclosure and external cables
Fixed using metal clip for rails ⊔ 15 mm depth and ⊔ EN 60715 15 mm depth, or on plate with screws
Fitted with covers with cut-outs
Permits the use of Cab 3, Duplix markers
Test via test plug Ø4 closed covers
Blocks with identical pitch can be joined using a threaded rod
Supports shunt with Cat.Nos 394 46/47

Cable/cable

Pack	Cat.Nos	Rigid or flexible connecting cable (mm²)	Rigid or flexible connecting cable (mm²)	Pitch (mm)
5	390 10	Al/Cu 35 to 120	Cu 35 to 70	42
5	390 11	Al/Cu 70 to 300	Cu 70 to 150	55

Cable lug/cable lug

Pack	Cat.Nos	Connecting plate max. (mm²)	Connecting plate max. (mm²)	Pitch (mm)
5	390 13	Al/Cu 95	Al/Cu 95	36
5	390 14	Al/Cu 150	Al/Cu 150	42
5	390 15	Al/Cu 300	Al/Cu 300	55

Cable lug/cable

Pack	Cat.Nos	Connecting plate max. (mm²)	Rigid or flexible connecting cable (mm²)	Pitch (mm)
5	390 17	Al/Cu 150	Cu 35 to 95	42
5	390 18	Al/Cu 300	Cu 70 to 150	55

Cable/cable lug

Pack	Cat.Nos	Rigid or flexible connecting cable (mm²)	Connecting plate max. (mm²)	Pitch (mm)
5	390 20	Cu 35 to 120 Al 35 to 120	Al/Cu 120 Al/Cu 70	42
5	390 21	Cu 70 to 300 Al 70 to 300	Al/Cu 300 Al/Cu 150	55

Accessories for power terminal blocks for copper and aluminium cables

Shunt

Pack	Cat.Nos	
5	394 46	For blocks with pitch 36 and 42 mm
5	394 47	For blocks with pitch 55 mm

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 ⊔ 15 mm depth and ⊔ EN 60715 15 mm depth

Available March 2009

Pack	Cat.Nos	Connecting max. (mm²)	Width of plate (mm)	Screw Ø	Pitch (mm)
5	390 71	35	15	M 8	26
5	390 72	70	20	M 10	34
5	390 73	120	25	M 10	34
5	390 74	240	35	M 12	46

For asymmetrical rails

Fixed using metal clip on rails ⊏ EN 60715

Pack	Cat.Nos				
5	390 31	35	15	M 8	26
5	390 32	70	20	M 10	34
5	390 33	120	25	M 10	34
5	390 34	240	35	M 12	46

Accessories for plate power terminal blocks

Separation barriers

Take protective covers
Marking possible with CAB 3

Pack	Cat.Nos	
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

Pack	Cat.Nos	
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)

Red catalogue numbers: New products

Viking™ 3 power terminal blocks

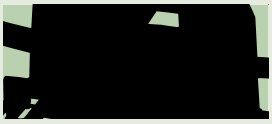
■ Characteristics of power terminal blocks for copper and aluminium cables

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 Ui: 1000 V
Impulse voltage Uimp: 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



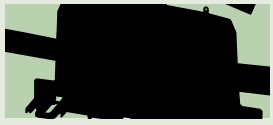
Terminal for cable lug - terminal for cable lug



Terminal for cable lug - cable



Cable - terminal for cable lug



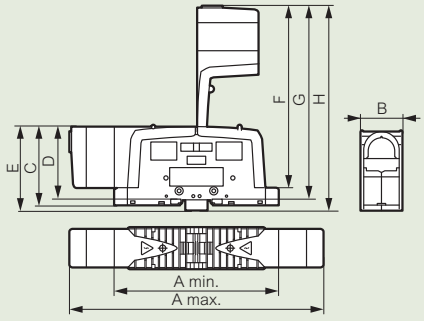
Currents table

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
Ccable 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 quivalence table

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

Dimensions (mm)



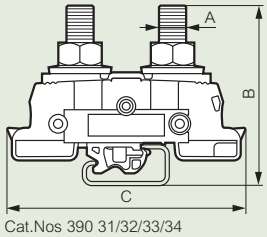
Cat.Nos	A max.	A min.	B	C	D	E	F	G	H
390 13	227	155	36	82	73	88	176	185	191
390 10/14/17/20	296	200	42	83.5	74.5	89.5	212	221	227
390 11/15/18/21	337	216	55	107.3	98.5	113.5	257	266	272

■ Characteristics of bars or lugs power terminal blocks

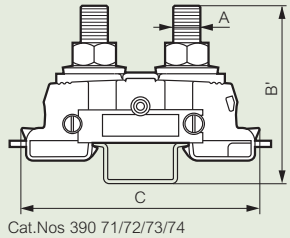
Cat.Nos	Voltage (V) IEC	Intensity (A) IEC
390 31/71	1000	125
390 32/72	1000	192
390 33/73	1000	269
390 34/74	1000	415

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

Dimensions (mm)



Cat.Nos 390 31/32/33/34

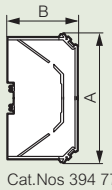


Cat.Nos 390 71/72/73/74

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

CAB 3™ marking and isolating sleeves


388 50

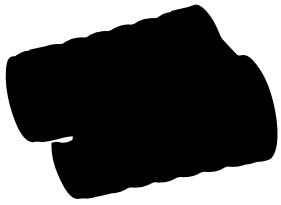

388 58


388 63



388 66


388 67


388 77

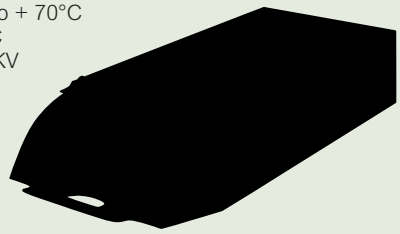
For colour-marking cables and isolating lug tubes from 10 mm² to 300 mm²
Fitting and removal without tool before or after connection

Pack	Cat.Nos	Sleeves		
		Conductor Ø7.1 to 10.5 mm		
		Cross-section 10 to 25 mm²(1)		
		Colour	Length (mm)	
100	388 49	blue		
100	388 50	black		
100	388 51	brown	20	
100	388 52	red		
100	388 53	yellow		
100	388 54	yellow/green		
		Conductor Ø10 to 13.5 mm		
		Cross-section 25 to 50 mm²(1)		
		Colour	Length (mm)	
50	388 55	blue		
50	388 56	black		
50	388 57	brown	29.5	
50	388 58	red		
50	388 59	yellow		
50	388 60	yellow/green		
		Conductor Ø13 to 17 mm		
		Cross-section 50 to 95 mm²(1)		
		Colour	Length (mm)	
25	388 61	blue		
25	388 62	black		
25	388 63	brown	38	
25	388 64	red		
25	388 65	yellow		
25	388 66	yellow/green		
		Conductor Ø16.5 to 23 mm		
		Cross-section 95 to 185 mm²(1)		
		Colour	Length (mm)	
20	388 67	blue		
20	388 68	black		
20	388 69	brown	46	
20	388 70	red		
20	388 71	yellow		
20	388 72	yellow/green		
		Conductor Ø22.5 to 29 mm		
		Cross-section 185 to 300 mm²(1)		
		Colour	Length (mm)	
10	388 73	blue		
10	388 74	black		
10	388 75	brown	55	
10	388 76	red		
10	388 77	yellow		
10	388 78	yellow/green		

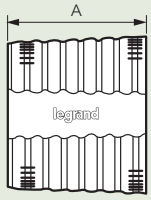
(1) The values for cable cross section are just an example, the real values are depending on lugs and cable type

■ 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

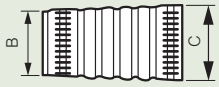

Supplied in dispenser box

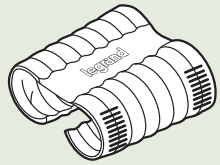
■ Dimensions (mm)



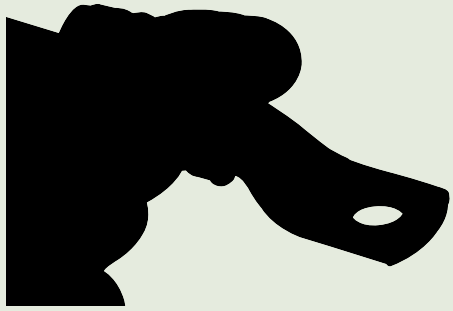


Cat.No	A	ØB	ØC
388 49 to 54	20.2	8.87	10.9
388 55 to 60	29.4	11.57	14.5
388 61 to 66	37.9	14.97	18.4
388 67 to 72	46.1	19.07	23.3
388 73 to 78	55.14	25.51	30.7

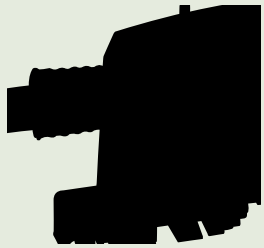




■ Installation



■ Example of use


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

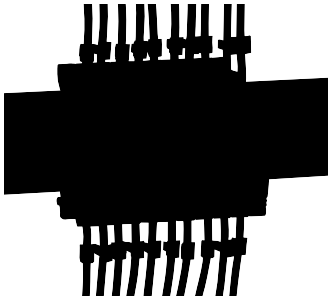

Use of a sleeve on a wired DPX 250

Red catalogue numbers: New products

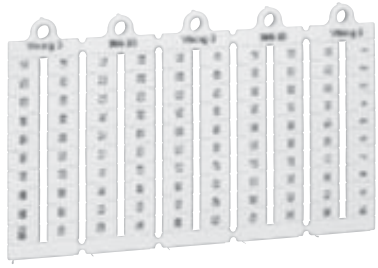
CAB 3™ marking system
for wiring and Viking 3 terminal blocks

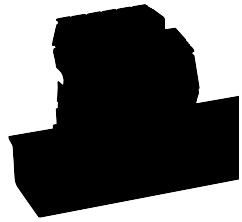

381 51


381 64


Same markers for cable and terminal blocks

marking label sheets
for Viking 3 terminal blocks


395 20


395 05 on Viking 3 terminal blocks


395 98

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

Pack	Cat.Nos	Markers for wiring 0.5 to 1.5 mm² cross-section and terminal blocks **Numbers**: black on white background (available in black on yellow background on request)
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 mm² cross-section and terminal blocks **Numbers**: black on white background (available in black on yellow background on request)
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

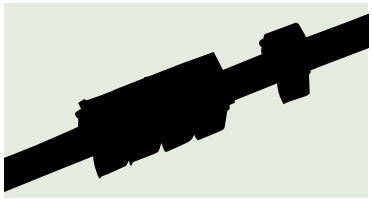

381 64

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

		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

		Black felt tip pen
10	395 98	Indelible for marking

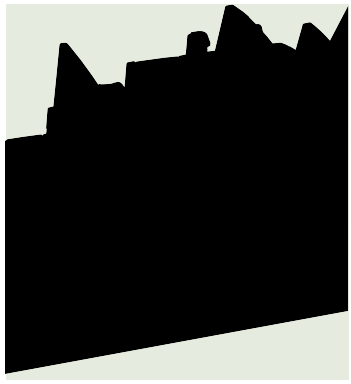
CAB 3™ marking system
markers for wiring and Viking 3 terminal blocks



Perfect alignment of label holders



382 12



Terminal block with CAB 3 markers and label-holders

Markers for wiring 0.15 to 0.5 mm² and 0.5 to 1.5 mm² cross-section and terminal blocks

On Viking 3 terminal blocks
- 4 markers 0.15 to 0.5 mm² max.
- 3 markers 0.15 to 1.5 mm² max.

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
Price per marker

Pack		Cat.Nos 0.15 to 0.5²	0.5 to 1.5²
1000	1200	381 00	382 10
1000	1200	381 01	382 11
1000	1200	381 02	382 12
1000	1200	381 03	382 13
1000	1200	381 04	382 14
1000	1200	381 05	382 15
1000	1200	381 06	382 16
1000	1200	381 07	382 17
1000	1200	381 08	382 18
1000	1200	381 09	382 19
300		381 10	383 00
300		381 11	383 01
300		381 12	383 02
300		381 13	383 03
300		381 14	383 04
300		381 15	383 05
300		381 16	383 06
300		381 17	383 07
300		381 18	383 08
300		381 19	383 09
300		381 20	383 10
300		381 21	383 11
300		381 22	383 12
300		381 23	383 13
300		381 24	383 14
300		381 25	383 15
300		381 26	383 16
300		381 27	383 17
300		381 28	383 18
300		381 29	383 19
300		381 30	383 20
300		381 31	383 21
300		381 32	383 22
300		381 33	383 23
300		381 34	383 24
300		381 35	383 25
300		381 40	382 70
300		381 41	382 71
300		381 42	382 72
300		381 43	382 73
300		381 44	382 74
300		381 45	382 75
300		381 46	382 76

Digits: international colour code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Grey
9	White



381 06

Letters : black on yellow background

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



383 17



381 28

Conventional symbols : black on yellow background

/ • + – ∿ ⎓ ⏚



382 72



381 43

Markers for wiring 1.5 to 2.5 mm² and 4 to 6 mm² cross-section

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
Price per marker

Pack		Cat.Nos 1.5 to 2.5²	4 to 6²
1200	800	382 20	382 30
1200	800	382 21	382 31
1200	800	382 22	382 32
1200	800	382 23	382 33
1200	800	382 24	382 34
1200	800	382 25	382 35
1200	800	382 26	382 36
1200	800	382 27	382 37
1200	800	382 28	382 38
1200	800	382 29	382 39
300		383 30	383 60
300		383 31	383 61
300		383 32	383 62
300		383 33	383 63
300		383 34	383 64
300		383 35	383 65
300		383 36	383 66
300		383 37	383 67
300		383 38	383 68
300		383 39	383 69
300		383 40	383 70
300		383 41	383 71
300		383 42	383 72
300		383 43	383 73
300		383 44	383 74
300		383 45	383 75
300		383 46	383 76
300		383 47	383 77
300		383 48	383 78
300		383 49	383 79
300		383 50	383 80
300		383 51	383 81
300		383 52	383 82
300		383 53	383 83
300		383 54	383 84
300		383 55	383 85
300		382 80	382 90
300		382 81	382 91
300		382 82	382 92
300		382 83	382 93
300		382 84	382 94
300		382 85	382 95
300		382 86	382 96

Digits: international colour code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Grey
9	White



382 32



382 26

Letters : black on yellow background

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



383 46



383 79

Conventional symbols : black on yellow background

/ • + – ∿ ⎓ ⏚



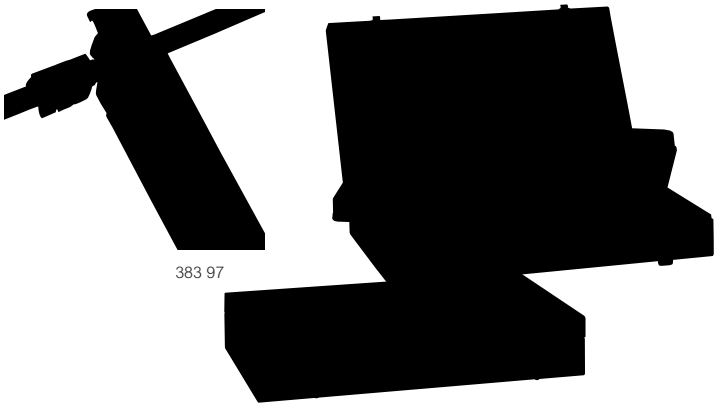


accessories CAB 3™ marking system


384 90


384 92


383 92 + markers CAB 3


383 97

382 00

Pack	Cat.Nos	Accessories CAB 3
		Marker-holders
		For cables cross-section from 10 mm² to 70 mm²
		Capacity:
		8 digits, letters or symbols markers from 0.5 to 1.5 mm² or 1.5 to 2.5 mm² cross section
		Black, cross-section (mm²)
100	384 90	10 to 16
50	384 91	25 to 35
50	384 92	50 to 70
		Support for markers
100	383 92	Can be clipped on Viking 3 terminal blocks
		Capacity:
		7 markers from 0.15 to 0.5 mm²
		6 markers from 0.5 to 1.5 mm²
		Transparent applicators
		For rapid selection and application of markers onto cable

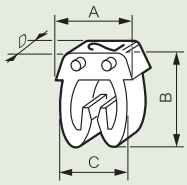
Pack	Cat.Nos	For markers cross-section (mm²)	Applicator colour for identification of cross-section
10	383 94	0.15 to 0.5	CAB 3
10	383 95	0.5 to 1.5	CAB 3
10	383 96	1.5 to 2.5	CAB 3
10	383 97	4 to 6	CAB 3

Pack	Cat.Nos	
		Set of markers
1	382 01	0.15 to 0.5 mm² : 2 500 markers + 10 applicators (250 digits from 0 to 9)
1	382 02	0.5 to 1.5 mm² : 3 000 markers + 10 applicators (300 digits from 0 to 9)
1	382 03	1.5 to 2.5 mm² : 3 000 markers + 10 applicators (300 digits from 0 to 9)
1	382 04	4 to 6 mm² : 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

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

■ Dimensions

Markers
Polyamide 6/6



Dimensions	Cable cross-section (mm²)			
	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

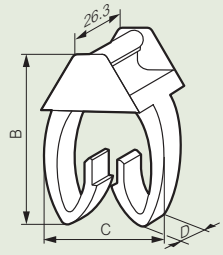
Cat.No 384 90



Cat.No 384 91

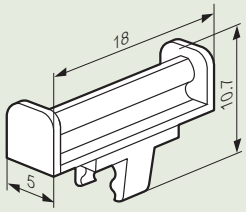


Cat.No 384 92

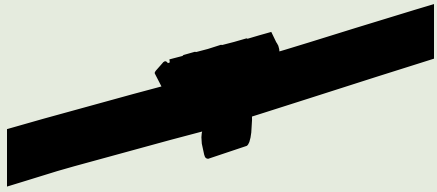


Dim.	Section of cable for marking (mm²)		
	10 to 16	25 to 35	50 to 70
A (mm)	18	24.3	27.2
B (mm)	8.9	12.2	17.2
C (mm)	7	7	10

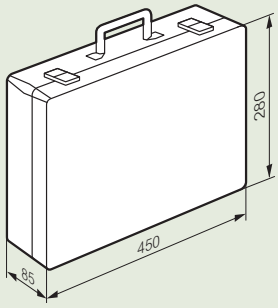
Support for markers Cat.No 383 92



On cable whith marker-holder Cat.No 384 92



■ Characteristics and dimensions of on-site toolbox
Cat.No 382 00

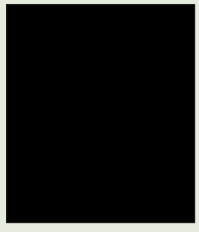


Bottom tray consists of:
- 8 medium slots (each slot takes 1 box of CAB 3)
- 1 large slot

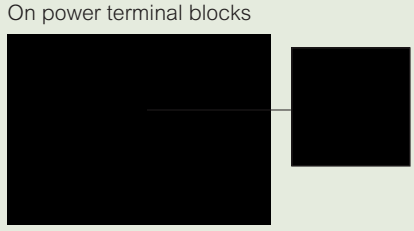
Top tray consists of:
- 12 small slots (<=> approx. 6 boxes of CAB 3)
- 1 medium slot for applicators

Capacity: approx. 15000 CAB 3 markers

On terminal blocks, with support Cat.No 383 92



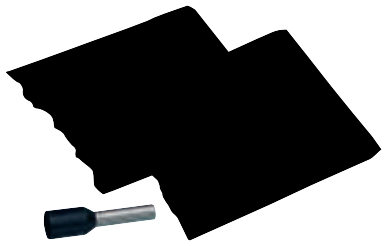
On power terminal blocks



Starfix™ ferrules and crimping tools


376 50

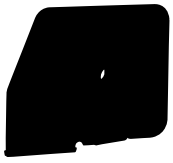

376 66


377 64

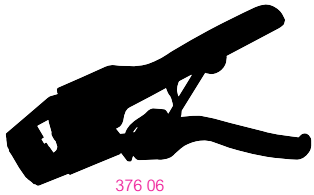

376 77

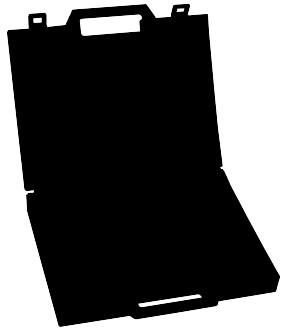

376 87

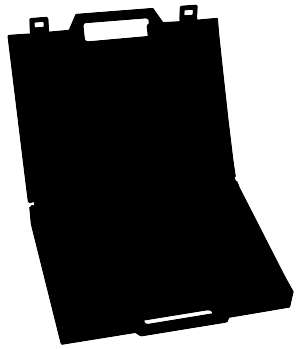

376 09 + refill 376 43


376 43


Cross-section adjustment


376 06


376 39


376 92

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

Pack	Cat.Nos	For-cables cross-section (mm²)	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 (mm²)	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

Crimping tools for ferrules in strips

Cut and carry out 4-point crimping of ferrules from 0.25 to 6 mm² in one operation
Use recommended for spring connections
Dedicated applicator for each crimping tool for dispensing strips

Pack	Cat.Nos	
1	376 08	**Starfix crimping tool for 0.25 and 0.34 mm² cross-sections** Supplied fitted with empty applicator
1	376 09	**Starfix crimping tool for 0.5 to 2.5 mm² cross-sections** 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 mm² ferrules - 120 x 0.75 mm² ferrules - 240 x 1 mm² ferrules - 320 x 1.5 mm² ferrules - 200 x 2.5 mm² ferrules
1	376 10	**Starfix crimping tool for 4 and 6 mm² cross-sections** Fitted with an adjustment wheel Supplied complete with empty applicator
1	376 97	**Starfix S multi-purpose crimping tool for 0.5 to 2.5 mm² cross-sections** 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

Pack	Cat.Nos	
1	376 06	**Starfix crimping tool for 0.25 to 6 mm² cross-sections** For 4-point crimping of ferrules from 0.25 to 6 mm² 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

Pack	Cat.Nos	
1	376 92	Assorted kit: supplied comprising: - 1 tool with crimping operation control system for individual ferrules 10 to 50 mm² - 30 individual ferrules 10 mm² - 20 individual ferrules 16 mm² - 15 individual ferrules 25 mm² - 10 individual ferrules 35 mm² - 10 individual ferrules 50 mm²

(1) Short ferrule

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

Starfix™ applicator

NEW



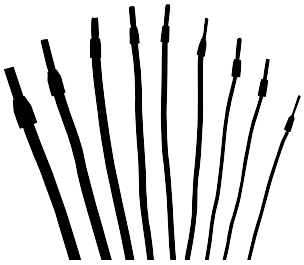
376 47



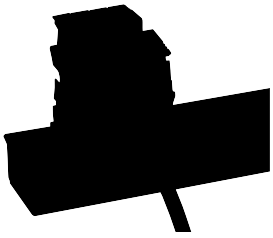
376 81



Example of simple/double ferrules on wires



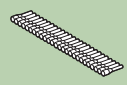
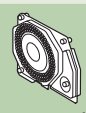
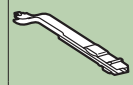
Example of different wires and ferrules



Pack	Cat.No	Starfix applicator		
		For Starfix crimping tool For dispensing strips of ferrules in Starfix crimping tools Cat.Nos 376 08/09/10		
		For ferrules cross-section (mm²)		Colour
10	376 46	0.25 et 0.34		yellow
10	376 47	0.5 à 2.5		red
10	376 48	4 et 6		orange

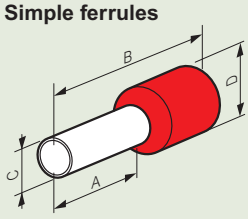
Starfix™ applicator

Correspondence table

Cross-section (mm²) / Ferrule	 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

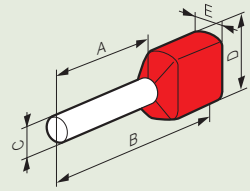
Dimensions (mm)

Simple ferrules



Cat.Nos			Cross-section (mm²)	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**	0.5	8	14.5	1.5	3.4
376 62	**377 62**	**376 42**	0.75	8	14.5	1.5	3.4
376 63	**377 63**	**376 43**	1	8	14.5	1.7	3.6
376 64	**377 64**	**376 44**	1.5	8	14.5	2	4.1
376 66	**377 66**	**376 45**	2.5	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 (mm²)	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



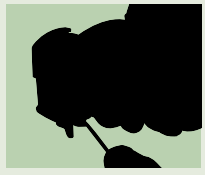
2 Adjust



The 2-material handle gives an excellent grip



3 Insert the wire

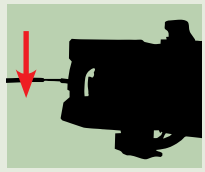


4 Crimp

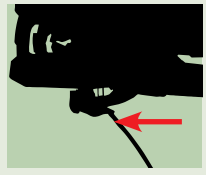
Starfix S tool



1 Adjust the cross-section



2 Strip and twist



3 Crimp

Red catalogue numbers: New products

Catalogue number index

Cat.Nos	Page No.	Pack
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02	-	40
03	-	30
04	-	20
05	-	20
07	-	60
08	-	60
09	-	25
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35	-	800

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

Cat.Nos	Page No.	Pack
382 36	28	800
37	-	800
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39	-	800
70	-	300
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Cat.Nos	Page No.	Pack
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98	18	10
477 00		
477 22	18	10
23	-	10

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.

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

EX 29026

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