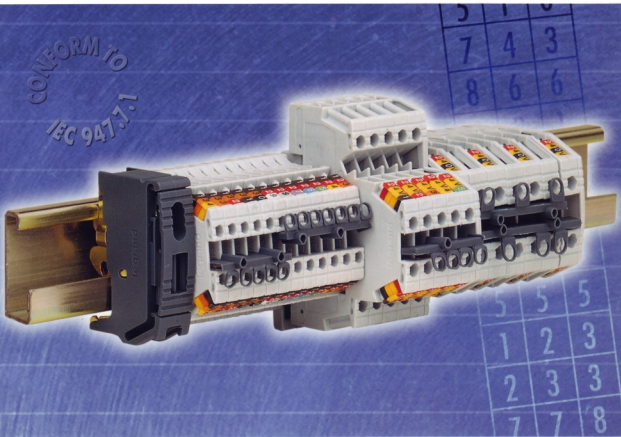


VikingTM 3



- T**erminal blocks
- screw connection
 - spring connection

 **legrand[®]**

Viking™ 3 terminal block

Simple solutions for con



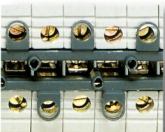
1. Guiding the conductor:

The cone shaped entry to the terminal serves as a guide for the conductor on insertion and allows perfect positioning for connection. High quality wiring that is easy to achieve.



2. Quality of the connection:

Constant contact pressure is ensured by the stirrup clamp connection and terminal shielding strip. The cable is reliably and safely clamped in the terminal.



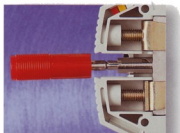
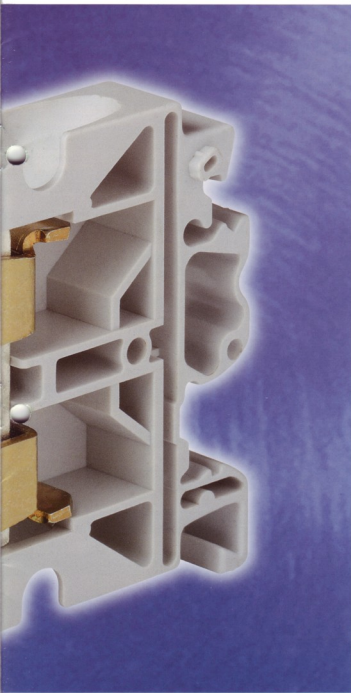
3. Bridging bars and combs:

The insulated bridging bars and combs have integral test sockets and identification rings. They are divisible to allow three types of interconnection (consecutive linking, alternate and parallel linking) and considerably reduce preparation and maintenance time.



KS

Complex connections



4. Ease of testing:

Integral test sockets and other test accessories ensure quick and easy testing.



5. Choice of marking systems:

Viking 3 will accommodate a variety of marking systems (colour coded CAB 3, plain or pre-printed marker sheets).

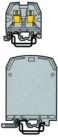


6. Giving added value to your work:

Both pleasing to look at (coloured terminals for function identification) and ergonomically designed (rounded corners make them easy to grip), Viking 3, with linking studs to facilitate pre-assembly, provides a perfect quality finish.

Viking™ 3 terminal blocks and accessories

selection chart

Terminal blocks with screw connection					Isolation	
Description	Nominal capacity (mm²)	Pitch (mm)	Terminal blocks Cat. Nos.	End caps 	Separation and insulating barriers 	
 Standard (p.8) (p.9)	1 single connection	2-5	5	390 60	394 50	394 66
		4	6	390 61	394 50	394 66
		6	8	390 62	394 51	394 66
		10	10	390 64	394 51	394 66
		16	12	390 66	394 52	394 67
		35	15	390 68	394 52	394 67
		70	22	390 70	built-in	
	2 single connections on 2 levels	2-5	5	390 77	394 55	394 69
		4	6	390 78	394 55	394 69
 Intrinsic safety (EExi) (p.10)	1 single connection • EExe approved	2-5	5	393 00	393 09	394 66
		4	6	393 01	393 09	394 66
		6	8	393 02	393 11	394 66
		10	10	393 03	393 11	394 66
		16	12	393 04	393 13	394 67
		35	15	393 05	393 13	394 67
	2 single connections • EExe approved	4	6	393 07	393 15	394 69
 For protection conductor (p.11)	Insulated casing Metal foot	2-5	5	393 70	393 87	
		4	6	393 71	393 87	
		6	8	393 72	built-in	
		10	10	393 74	built-in	
		16	12	393 76	built-in	
		35	15	393 78	built-in	
	Plastic foot	4	6	393 81	393 87	394 66
		6	8	393 82	393 88	394 66
	Bare	35	15	393 96		
	4 connections on 2 levels	4	6	390 76	394 55	394 69
1 incoming - 3 outgoing (p.9)		4	6	390 76	394 55	394 69
Diode carrier (p.9)		4	6	390 80	394 55	394 69
LED voltage indicator (p.9)		4	6	390 81	394 55	394 69
 Isolator (p.9)	Blade type 1 single connection	4	6	390 84	394 51	394 66
	Neutral equipped 1 single connection	4	8	390 85	393 49	394 67
	Fused 5 x 20 mm 1 single connection	4	8	390 86	393 49	394 67
	Standard 1 single connection	4	6	393 39	393 46	394 66
 For circuit not broken by the general isolating device (p.10)	Isolating 1 single connection	4	6	393 38	393 45	394 66

	Protection		Interconnection		Measurement and connection	
	Safety screens Single pole	Cut to length	Equipotential bridging combs	Equipotential bridging bars	Screening continuity strip	Test socket
	394 92	394 80		394 10	394 05	
	394 92	394 80	394 20	394 11	394 05	
	394 93	394 80	394 21	394 12	394 05	
	394 93	394 80		394 13	394 05	
	394 94	394 81		394 14		394 25
	394 94	394 81		394 15		394 25
				394 10		
			394 20	394 11		
	394 92	394 80		394 10	394 05	
	394 92	394 80	394 20	394 11	394 05	
	394 93	394 80	394 21	394 12	394 05	
	394 93	394 80		394 13	394 05	
	394 94	394 81		394 14		394 25
	394 94	394 81		394 15		394 25
			394 20	394 11		
			394 20			
			394 21			
			394 20	394 11		
			394 20	394 11		
			394 20	394 11		
			394 20		394 05	
	394 92	394 80	394 20	394 11	394 05	
	394 93	394 80	394 21	394 12	394 05	
			394 20	394 11		
			394 20	394 11		
			394 20	394 11		
			394 20		394 05	
	394 92	394 80	394 20	394 11	394 05	
			394 20		394 05	

Marking systems

CAB 3 (p. 16)

Blank
marker sheets (p. 16)

Coloured blank
marker sheets (p. 16)

Marker sheets (p. 16)

End stops (p. 14)

Label holder
for end stops
(Cat. Nos. 394 02/03) (p. 15)

Test plugs
Ø 2 mm (p. 15)
Ø 4 mm

Adaptor
Ø 2/4 mm (p. 15)

Viking™ 3 terminal blocks and accessories

selection chart (continued)

Terminal blocks with screw connection				Isolation		
Description		Nominal capacity (mm²)	Pitch (mm)	Terminal blocks Cat. Nos.	End caps	Separation and insulating barriers
						
  V.O. – UL 94 temperature rated (p.12)	1 single connection	2.5	5	390 00	394 73	394 66
		4	6	390 01	394 73	394 66
		6	8	390 02	394 74	394 66
		10	10	390 04	394 74	394 66
		16	12	390 06	394 75	394 67
		35	15	390 08	394 75	394 67
  Heavy duty – plastic foot (p.13)	For cables	70	22	390 70	built-in	
		120	34	390 28		394 78
	For busbars or eyelets	35	26	390 31		394 77
		70	34	390 32		394 78
		120	34	390 33		394 78
		240	46	390 34		394 78
	For cables and busbars or eyelets	35	26	390 36		394 77
		70	26	390 37		394 77
		120	34	390 38		394 78

Terminal blocks with spring connection					Isolation		
Description		Nominal capacity (mm²)	Pitch (mm)	Terminal blocks Cat. Nos.	End caps	Separation and insulating barriers	
	Standard (p.18)	2 conductors	2.5	5	396 01	396 31	396 49
			4	6	396 04	396 31	396 49
	3 conductors	2.5	5	396 02	396 32	396 50	
	4 conductors	2.5	5	396 03	396 33	396 51	
	Intrinsic safety (EExi) (p.18)	2 conductors	2.5	5	396 11	396 37	396 49
			4	6	396 14	396 37	396 49
	3 conductors	2.5	5	396 12	396 38	396 50	
	4 conductors	2.5	5	396 13	396 39	396 51	
	For protection conductor (p.18)	2 conductors	2.5	5	396 21	396 43	396 49
			4	6	396 24	396 43	396 49
		4 conductors	2.5	5	396 23	396 45	396 51

Protection			Interconnection		Measurement and connection	
Single pole	Safety screens Multipole	Cut to length	Insulated bridging combs	Bridging bars	Screening continuity strip	Test socket
394 92		394 80		394 10	394 05	
394 92		394 80	394 20	394 11	394 05	
394 93		394 80	394 21	394 12	394 05	
394 93		394 80		394 13	394 05	
394 94		394 81		394 14		394 25
394 94		394 81		394 15		394 25
	394 85/86					
	394 84/88					
	394 85/86					
	394 85/86					
	394 86/89					
	394 84/88					
	394 84/88					
	394 85/86					

Marking systems

CAB 3 (p. 16)

Blank
marker sheets (p. 16)

Coloured blank
marker sheets (p. 16)

Marker sheets (p. 16)

Marking system for heavy duty terminal blocks

Blank
marker sheets (p. 15)

Marker sheets (p. 15)

Interconnection					
Bridging combs			Reducer for cables of cross-section		
2 pole	3 pole	10 pole	0.13 to 0.2 mm ²	0.25 to 0.5 mm ²	0.75 to 1 mm ²
396 58	396 59	396 60	396 67	396 68	396 69
396 61	396 62	396 63	396 70	396 71	396 72
396 58	396 59	396 60	396 67	396 68	396 69
396 58	396 59	396 60	396 67	396 68	396 69
396 58	396 59	396 60	396 67	396 68	396 69
396 61	396 62	396 63	396 70	396 71	396 72
396 58	396 59	396 60	396 67	396 68	396 69
396 58	396 59	396 60	396 67	396 68	396 69
			396 67	396 68	396 69
			396 70	396 71	396 72
			396 67	396 68	396 69

End stops

(p. 14)

Label holder for end stops

(Cat. Nos. 394 02/03) (p. 15)

Viking™ 3 terminal blocks with screw connection



390 60 + 390 61



390 62 + 390 64



390 66 + 390 68



390 70

Pack Cat. Nos.

For asymmetrical rail EN 50 035 , symmetrical rail 15 mm depth and symmetrical rail EN 50 022  7.5 mm and 15 mm depth
Insulating material : polyamide -30 to +100°C
Increased safety EExe approved
Connection with or without ferrule

1 single connection

Standard

	Nominal capacity	Capacity (mm²)		Pitch (mm)
		Rigid cable	Flexible cable	
50/1200	390 60	2-5	0.25 to 4	5
50/1000	390 61	4	0.25 to 6	6
40/800	390 62	6	0.5 to 10	8
30/600	390 64	10	1.5 to 16	10
20/300	390 66	16	1.5 to 25	12
20/200	390 68	35	2.5 to 50	15
10/50	390 70	70	25 to 95	22

Accessories (p. 14-15)

Marking systems :
- CAB 3 (p.16)
- Markers (p.16)

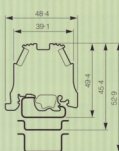
Viking™ 3 terminal blocks with screw connection

Characteristics

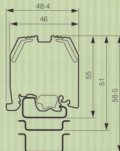
Cat. Nos.	Voltage (V)			Rating (A)			Capacity		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
390 60	800	600	600	24	20	20	2-5	12	12
390 61	800	600	600	32	25	30	4	10	10
390 62	800	600	600	41	35	55	6	8	8
390 64	800	600	600	57	50	70	10	6	6
390 66	800	600	600	76	70	80	16	4	4
390 68	800	600	600	125	90	125	35	0	0
390 70	1000	600	600	192	150	175	70	0	0

CSA no. 22-2, no. 158
Increased safety EExe approved
IEC 947-7-1
UL1059

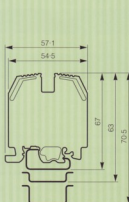
Dimensions



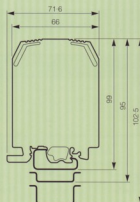
390 60/61



390 62/64



390 66/68



390 70

Viking™ 3 terminal blocks

with screw connection (continued)



390 77 + 390 78



390 80 + 390 50



390 84



390 85 + 390 86



390 76 + 395 01



390 81 + 395 01

Pack Cat. Nos.

For asymmetrical rail EN 50 035 , symmetrical rail 15 mm depth and symmetrical rail EN 50 022
7.5 mm and 15 mm depth
Insulating material : polyamide -30 to +100°C
Increased safety EExe approved
Connection with or without ferrule

2 single connections on 2 levels

Standard

Nominal capacity	Rigid cable	Capacity (mm²)		Pitch (mm)
		Flexible cable		
60/600	390 77	0.25 to 4	0.25 to 2.5	5
60/600	390 78	0.25 to 6	0.25 to 4	6

Diode carrier terminal

Diode characteristics for Cat. No. 390 80

- 1N 4007 type 1 A
- thermal rating $\approx$ 1-15 A
- reverse voltage peak 1000 V
- reverse current 5 μ A at 25°C

Nominal capacity	Rigid cable	Capacity (mm²)		Pitch (mm)
		Flexible cable		
60/600	390 80	0.25 to 6	0.25 to 4	6

Voltage indicator

24 V $\approx$ LED

Nominal capacity	Rigid cable	Capacity (mm²)		Pitch (mm)
		Flexible cable		
60/600	390 81	0.25 to 4	0.25 to 4	6

1 single connection

Isolator terminals

Nominal capacity	Rigid cable	Capacity (mm²)		Pitch (mm)
		Flexible cable		
10/500	390 84	0.25 to 6	0.25 to 4	6

Blade type

20/400	390 85	0.25 to 6	0.25 to 4	8
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Neutral equipped

20/400	390 86	0.25 to 6	0.25 to 4	8
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For cartridge fuse 5 x 20 mm

		0.25 to 6	0.25 to 4	
--	--	-----------	-----------	--

4 connections on 2 levels with link between levels

1 incoming - 3 outgoing with equal rating

Nominal capacity	Rigid cable	Capacity (mm²)		Pitch (mm)
		Flexible cable		
60/600	390 76	0.25 to 4	0.25 to 4	6

Accessories (p.14-15)

Marking systems :
- CAB 3 (p.16)
- Markers (p.16)

Viking™ 3 terminal blocks

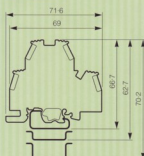
with screw connection

Characteristics

Cat. Nos.	Voltage (V)			Rating (A)			Capacity		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
390 77	500	300	300	24	20	20	2.5	12	12
390 78	500	300	300	32	25	30	4	10	10
390 80	500	300	300	1	1	1	4	10	10
390 84	500	300	300	6	6	6	4	10	10
390 85	500	300	300	10	10	10	4	10	10
390 86	-	-	-	6-3	6-3	6-3	4	10	10

CSA no. 22-2, no. 158
Increased safety EExe approved
IEC 947-7-1
UL1059

Dimensions



390 77/78/80/81/76

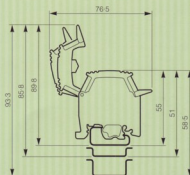
Functional diagrams



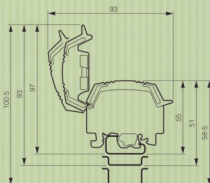
390 80



390 81



390 84



390 85/86

Viking™ 3 terminal blocks with screw connection (continued)



393 00 + 393 01



393 02 + 393 03



393 04 + 393 05



393 07



393 39



393 38

Pack Cat. Nos.

For asymmetrical rail EN 50 035, symmetrical rail 15 mm depth and symmetrical rail EN 50 022, 7.5 mm and 15 mm depth
Insulating material : polyamide -30 to +100°C
Increased safety EEx approved
Connection with or without ferrule

For intrinsic safety circuit (EExi)

	Blue	Nominal capacity	Capacity (mm²)		Pitch (mm)
			Rigid cable	Flexible cable	
60/1200	393 00	2.5	0.25 to 4	0.25 to 2.5	5
50/1000	393 01	4	0.25 to 6	0.25 to 4	6
40/800	393 02	6	0.5 to 10	0.25 to 6	8
30/600	393 03	10	1.5 to 16	2.5 to 10	10
20/300	393 04	16	1.5 to 25	4 to 16	12
20/200	393 05	35	2.5 to 50	4 to 35	15

2 single connections on 2 levels

60/600	393 07	4	0.25 to 6	0.25 to 4	6
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For circuit not broken by the general isolating device

	Orange	Nominal capacity	Capacity (mm²)		Pitch (mm)
			Rigid cable	Flexible cable	
50/1000	393 39	4	0.25 to 6	0.25 to 4	6
10/500	393 38	4	0.5 to 6	0.25 to 4	6

Accessories (p.14-15)

Marking systems :
- CAB 3 (p.16)
- Markers (p.16)

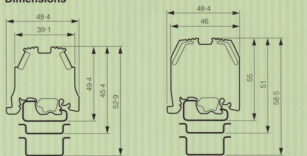
Viking™ 3 terminal blocks with screw connection

Characteristics

Cat. Nos.	Voltage (V)			Rating (A)			Capacity		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
393 00	800	600	600	24	20	20	2.5	12	12
393 01	800	600	600	32	25	30	4	10	10
393 02	800	600	600	41	35	55	6	8	8
393 03	800	600	600	57	50	70	10	6	6
393 04	800	600	600	76	70	80	16	4	4
393 05	800	600	600	125	90	125	35	0	0
393 07	500	300	300	32	25	30	4	10	10
393 39	800	600	600	32	25	30	4	10	10
393 38	500	300	300	6	6	6	4	10	10

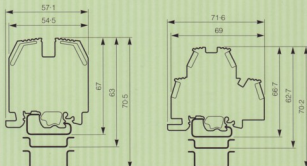
CSA no. 22-2, no. 158
Increased safety EEx approved and suitable for intrinsically safe circuits
IEC 947-7-1
UL 1059

Dimensions



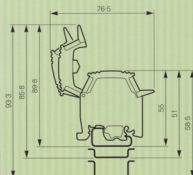
393 00/01/39

393 02/03



393 04/05

393 07



393 38

Viking™ 3 terminal blocks with screw connection (continued)



393 74



393 81



393 82



393 96

Pack Cat. Nos. Terminals for protection conductor

For asymmetrical rail EN 50 035 , symmetrical rail 15 mm depth and symmetrical rail EN 50 022 15 mm depth
Insulating material : green-yellow polyamide
-30 to +100°C
Increased safety EEx approved
Connection with or without ferrule

Terminals with metal foot

The metal foot on the terminal for protection conductor ensures the electrical and mechanical connection with the rail, allowing the rail to be used as an equipotential contact
Connection, interconnection and distribution of protection conductors achieved according to standards IEC 439-1 and EN 60 204

Nominal capacity	Capacity (mm²)	Pitch (mm)
	Rigid cable Flexible cable	
20/600	393 70	5
25/500	393 71	6
20/400	393 72	8
10/300	393 74	10
10/100	393 76	12
10/100	393 78	15

Terminals with plastic foot

Terminal for protection conductor without the use of rail as an equipotential contact; allows the connection of protection conductors in insulating conditions applicable for class II

Nominal capacity	Capacity (mm²)	Pitch (mm)
	Rigid cable Flexible cable	
50/1000	393 81	6
40/80	393 82	8

Bare terminal

For symmetrical rail 15 mm depth and symmetrical rail EN 50 022 15 mm depth

Nominal capacity	Capacity (mm²)	Pitch (mm)
	Rigid cable Flexible cable	
10/180	393 96	15

Accessories (p. 14-15)

Marking systems :
- CAB 3 (p. 16)
- Markers (p. 16)

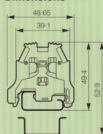
Viking™ 3 terminal blocks with screw connection

Characteristics

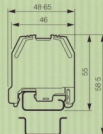
Cat. Nos.	Capacity		
	IEC (mm²)	CSA (AWG)	UL (AWG)
393 70	2.5	12	12
393 71	4	10	10
393 72	6	8	8
393 74	10	6	6
393 76	16	4	4
393 78	35	0	0
393 81	4	10	10
393 82	6	8	8
393 96	35	0	0

CSA no. 22-2, no. 158
Increased safety EEx approved and suitable for intrinsically safe circuits
IEC 947-7-1
UL 1059

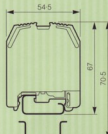
Dimensions



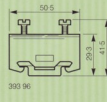
393 70/71



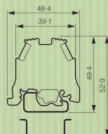
393 72/74



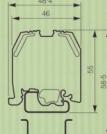
393 76/78



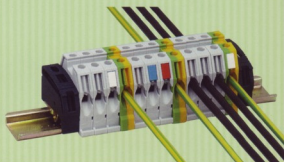
393 96



393 81



393 82



Viking™ 3 terminal blocks

V.O. – UL 94 temperature rated



390 00 + 390 01



390 02 + 390 04

Pack Cat. Nos.

For asymmetrical rail EN 50 035 , symmetrical rail 15 mm depth and symmetrical rail EN 50 022  7.5 mm and 15 mm depth
Insulating material : grey polyamide –30 to +100°C
Connection with or without ferrule

1 single connection

	Cat. Nos.	Nominal capacity	Capacity (mm²)		Pitch (mm)
			Rigid cable	Flexible cable	
60/1200	390 00	2.5	0.25 to 4	0.25 to 2.5	5
50/1000	390 01	4	0.25 to 6	0.25 to 4	6
40/800	390 02	6	0.5 to 10	0.25 to 6	8
30/600	390 04	10	1.5 to 16	2.5 to 10	10
20/300	390 06	16	1.5 to 25	4 to 16	12
20/200	390 08	35	2.5 to 50	4 to 35	15

Accessories (p.14-15)

Marking systems :
- CAB 3 (p.16)
- Markers (p.16)

Viking™ 3 terminal blocks

V.O. – UL 94 temperature rated

Characteristics

Cat. Nos.	Voltage (V)			Rating (A)			Capacity		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
390 00	800	600	600	24	20	20	2.5	12	12
390 01	800	600	600	32	25	30	4	10	10
390 02	800	600	600	41	35	55	6	8	8
390 03	800	600	600	57	50	70	10	10	10
390 04	800	600	600	76	70	80	16	4	4
390 05	800	600	600	125	90	125	35	0	0

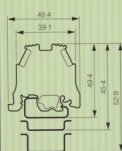
CSA no. 22-2, no. 158

IEC 947-7-1

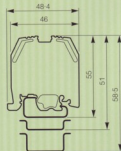
UL1059

Resistance to fire 960°C/5s according to IEC 695-2-1

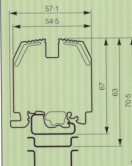
Dimensions



390 00/01



390 02/04



390 06/08

Viking™ 3 terminal blocks

heavy duty – plastic foot



390 70



390 28



390 37



390 38

Pack Cat. Nos.

For asymmetrical rail EN 50 035 (except 390 70 : for asymmetrical rail EN 50 035 , symmetrical rail 15 mm depth and symmetrical rail EN 50 022 7.5 mm and 15 mm depth)
Insulating material : polyamide -30 to +100°C

For cables

		Nominal capacity	Capacity (mm ²)		Pitch (mm)
			Rigid cable	Flexible cable	
10/50	390 70	70	95	70	22
5/30	390 28 ⁽¹⁾	120	150	120	34

For busbars or eyelets

		Nominal capacity	Capacity (mm²)	Eyelet Ø (mm)	Pitch (mm)
			Rigid cable	Flexible cable	
5/100	390 31 ⁽¹⁾	35	—	—	8
5/50	390 32 ⁽¹⁾	70	—	—	10
5/50	390 33 ⁽¹⁾	120	—	—	12
5/30	390 34 ⁽¹⁾	240	—	—	16

For cables and busbars or eyelets

		Nominal capacity	Capacity (mm²)	Eyelet Ø (mm)	Pitch (mm)
			Rigid cable	Flexible cable	
5/100	390 36 ⁽¹⁾	35	35	25	8
5/100	390 37 ⁽¹⁾	70	95	70	8
5/40	390 38 ⁽¹⁾	120	150	120	10

Accessories (p. 15)

Viking™ 3 terminal blocks

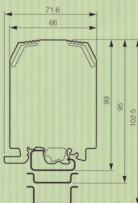
heavy duty – plastic foot

Characteristics

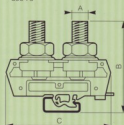
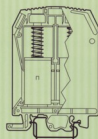
Cat. Nos.	Voltage (V) IEC	Rating (A) IEC	Capacity (mm²) IEC
390 70	1 000	192	70
390 28	1 000	269	120
390 31	1 000	125	—
390 32	1 000	192	—
390 33	1 000	269	—
390 34	1 000	415	—
390 36	1 000	125	35
390 37	1 000	192	70
390 38	1 000	269	120

IEC 947-7-1

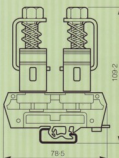
Dimensions



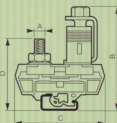
390 70



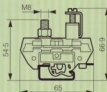
390 31/32/33/34



390 28



390 37/38



390 36

Cat. Nos.	A	B (mm)	C (mm)	D (mm)
390 31	M8	54.5	65	—
390 32	M10	61	78.5	—
390 33	M12	62	78.5	—
390 34	M16	73	94	—
390 37	M8	96	65	54.5
390 38	M10	109.2	78.5	61



Heavy duty terminal blocks
Cat. Nos. 390 32, 390 70
and 390 38

(1) Marker sheets 377 54, 378 52/53/54/69/70 only can be used

accessories for Viking™ 3 terminal blocks



394 00
TRI-RAIL



394 00 with blank markers,
CAB 3 and Duplex label holder



394 02



394 03

Pack Cat. Nos. Mounting accessories

End stops for terminals and banks

Multi-functional marking, 12 mm pitch
After cutting out the front of the end stop, marking is possible with Cat. Nos. 384 98 – 249 01/03

20/500 394 00 Tri-rail for rail EN 50 035 rail EN 50 022 , symmetrical 15 mm depth
Fix to sides of rail

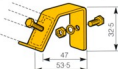
8 mm pitch

10/500 394 02 For rail EN 50 035
Fix to bottom of rail

10/100 394 03 For rail EN 50 022 , symmetrical 15 mm depth
Fix to sides of rail

Mounting bracket for rail fixing at 45°

2 brackets with four 6 mm dia. bolts, nuts and washers



Zinc-bichromate treated rails

2 m length



Marking accessories

For use with end stop Cat. No. 394 00 only

Duplex label holder

Clip-on label holder
Suitable for use with Cat. No. 394 00 and Duplex marking system

Plain legend plates for engraving

Black background/white engraving
Red background/white engraving

accessories for Viking™ 3 terminal blocks (continued)



Insulating barriers

Pack Cat. Nos.

Insulation accessories

End caps

For terminals and terminal banks with pitch (mm) :

	1 single connection	2 single connections		Thickness
100/2000	394 50	394 55	5-6	2 mm
20/1000			5-6	2 mm
20/1000	394 51		8-10	2 mm
20/1000	394 52		12-15	2.5 mm



For intrinsic safety terminals with pitch (mm) :

			Thickness
20/1000	393 09	393 15	5-6
20/480			2 mm
20/1000	393 11		2 mm
20/500	393 13		2 mm
			12-15



For V.O. - UL 94 temperature rated terminals with pitch (mm) :

20/1000	394 73		5-6
20/1000	394 74		8-10
20/500	394 75		12-15

End caps

For terminals with circuit not broken :
Isolating (Cat. No. 393 38)
Pitch 6 mm (Cat. No. 393 39)

20/1000	393 45		
20/1000	393 46		



For isolator terminals :
Fused 5 x 20

20/1000	393 49		

For terminals for protection conductor with pitch (mm) :
5-6 (Cat. Nos. 393 70/71/81)
8 (Cat. No. 393 82)

20/1000	393 87		
20/1000	393 88		

Separation and insulating barriers

For terminals with pitch (mm) :

10/1000	394 66	394 69	5-6-8-10
10/500			5-6
10/500	394 67		12-15



Single pole safety screens

For all single terminals with pitch (mm) :

10/1000	394 92		5-6
10/500	394 93		8-10
10/500	394 94		12-15



Protective cover for cutting to length

For mounting on insulating barriers
Length 1 m

10	394 80		Pitch 5-6-8-10 mm (for barrier Cat. No. 394 66)
10	394 81		Pitch 12-15 mm (for barrier Cat. No. 394 67)



accessories for Viking™ 3 terminal blocks *(continued)*

Pack Cat. Nos. Measurement accessories

Test socket

For single terminals

Pitch (mm)	Internal Ø (mm)
12-15	4

20/400 394 25

Test plugs

20/1000	394 27	External Ø 2 mm
20/1000	394 28	External Ø 4 mm
20/200	394 30	Adaptor Ø 2 mm for test plug Ø 4 mm

Interconnection accessories

Equipotential bridging combs

For external side mounting

Allow linking of 12 terminals with screw connection with pitch (mm) :

Pitch (mm)	Capacity
6	4 mm²
8	6 mm²

10/1000 394 20
10/500 394 21

Equipotential bridging bars

Divisible and insulated, with integral test sockets and identification rings

Allow linking of 12 single terminal blocks with pitch (mm) :

Pitch (mm)	Capacity
6	4 mm²
8	6 mm²

10/500 394 10
10/500 394 11
10/500 394 12

Pre-assembled bare

Pitch (mm)	Capacity
10	4 mm²
12	6 mm²
15	6 mm²

10/100 394 13
10/100 394 14
10/60 394 15

Connection accessories

Screening continuity bracket

Connection by 2-8 x 0-8 mm clips or by soldering
Capacity 1 mm²

50/1000	394 05	For single connection terminals pitch 5-6-8-10 mm and isolating terminal pitch 6 mm
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label holder for identifying groups of terminal blocks



395 96 mounted on to end stop

Pack	Cat. Nos.	Label holder
		Variable angle Transparent polycarbonate Accepts 32 x 9-5 mm label supplied with the product Will also accept label Cat. No. 395 97 below

20/600 395 96 Fitted by sliding sideways on to 8 mm pitch end stops Cat Nos. 394 02/03

Label for engraving

20/2000	395 97	For label holder Cat. No. 395 96 Flexible ABS White background, black engraving Dimensions : 28 x 9-5 mm
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accessories for heavy duty Viking™ 3 terminal blocks



394 78 + 394 86

Pack	Cat. Nos.	Separation barriers
------	-----------	---------------------

Accept protective covers

For terminals with pitch (mm) :

10/120	394 77	26
10/100	394 78	34 and 46

Protective covers

For mounting on separation barriers

For 3 terminals with pitch (mm) :

5/250	394 84	26
5/40	394 85	34
5/40	394 86	46

For 4 terminals with pitch (mm) :

5/50	394 88	26
5/40	394 86	34
5/25	394 89	46

Blank marker sheets

100 snap-off markers

Marker width (mm) :

10/500	378 52	5
10/500	378 53	6
10/500	378 54	8

Numbered marker sheets

Horizontal reading format

Marker width 6mm

10/500	377 54	From 1 to 10 (10 times)
10/500	378 69	From 1 to 50 (2 times)
10/500	378 70	From 1 to 100

Black felt tip pen

10/500	395 98	Indelible for marking
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CAB 3™ markers for cable and Viking™ 3 terminal blocks



CAB 3 on 390 64

Pack

Cat. Nos.

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

	0.15 to 0.5	0.5 to 1.5	Numbers : international colour code	
1000	381 00	382 10	0	Black
1000	381 01	382 11	1	Brown
1000	381 02	382 12	2	Red
1000	381 03	382 13	3	Orange
1000	381 04	382 14	4	Yellow
1000	381 05	382 15	5	Green
1000	381 06	382 16	6	Blue
1000	381 07	382 17	7	Violet
1000	381 08	382 18	8	Grey
1000	381 09	382 19	9	White



381 06



382 12

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
200	381 10	383 00																								
200	381 11	383 01																								
200	381 12	383 02																								
200	381 13	383 03																								
200	381 14	383 04																								
200	381 15	383 05																								
200	381 16	383 06																								
200	381 17	383 07																								
200	381 18	383 08																								
200	381 19	383 09																								
200	381 20	383 10																								
200	381 21	383 11																								
200	381 22	383 12																								
200	381 23	383 13																								
200	381 24	383 14																								
200	381 25	383 15																								
200	381 26	383 16																								
200	381 27	383 17																								
200	381 28	383 18																								
200	381 29	383 19																								
200	381 30	383 20																								
200	381 31	383 21																								
200	381 32	383 22																								
200	381 33	383 23																								
200	381 34	383 24																								
200	381 35	383 25																								



381 28



383 17

Conventional symbols : black on yellow background

	/	+	-	~	mm	↓
200	381 40	382 70				
200	381 41	382 71				
200	381 42	382 72				
200	381 43	382 73				
200	381 44	382 74				
200	381 45	382 75				
200	381 46	382 76				

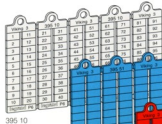


381 43



382 72

marker sheets for Viking™ 3 terminal blocks



395 10

395 51

395 50

Pack

Cat. Nos.

Marker sheets

Blank markers

100 snap-off markers
Marker width (mm)

10/250	395 00
10/250	395 01
10/250	395 02

Coloured blank markers

100 markers
Marker width (mm) Colour
5 Red
5 Blue

Numbers

Marker width 5 mm
From 1 to 10 (10 times)
From 11 to 20 (10 times)
From 21 to 30 (10 times)
From 31 to 40 (10 times)
From 1 to 50 (2 times)
From 101 to 200
From 201 to 300
From 301 to 400
From 401 to 500

	Horizontal	Vertical
10/250	395 05	395 55
10/250	395 06	395 56
10/250	395 07	395 57
10/250	395 08	395 58
10/250	395 09	395 59
10/250	395 10	395 60
10/250	395 11	395 61
10/250	395 12	395 62
10/250	395 13	395 63
10/250	395 14	395 64

Marker width 6 mm
From 1 to 10 (10 times)
From 11 to 20 (10 times)
From 21 to 30 (10 times)
From 31 to 40 (10 times)
From 1 to 50 (2 times)
From 1 to 100
From 101 to 200
From 201 to 300
From 301 to 400
From 401 to 500

10/250	395 15	395 65
10/250	395 16	395 66
10/250	395 17	395 67
10/250	395 18	395 68
10/250	395 19	395 69
10/250	395 20	395 70
10/250	395 21	395 71
10/250	395 22	395 72
10/250	395 23	395 73
10/250	395 24	395 74

Marker width 8 mm
From 1 to 10 (10 times)
From 11 to 20 (10 times)
From 21 to 30 (10 times)
From 31 to 40 (10 times)
From 1 to 50 (2 times)
From 1 to 100
From 101 to 200
From 201 to 300
From 301 to 400
From 401 to 500

10/250	395 25	395 75
10/250	395 26	395 76
10/250	395 27	395 77
10/250	395 28	395 78
10/250	395 29	395 79
10/250	395 30	395 80
10/250	395 31	395 81
10/250	395 32	395 82
10/250	395 33	395 83
10/250	395 34	395 84

Upper case letters and conventional symbols
Horizontal reading format
Composition : 12 x L1, 12 x L2, 12 x L3, 14 x +, 10 x PEN, 10 x PE, 10 x P, 20 x N
For terminals with pitch (mm) :
6
8

10/250	395 36	395 86
10/250	395 37	395 87

Black felt tip pen

10/500

395 98

Indelible for marking



Conversion table : Old terminal blocks/new Viking™ 3 terminal blocks

Old Cat. No.	Viking 3 Cat. No.
370 01	Not available
02	Not available
371 11	Not available
12	Not available
• Standard terminals	
370 60	390 60
61	61
62	62
64	64
66	66⁽¹⁾
68	68
99	70
• 2 level terminals	
370 77	390 77
78	78
80	80
• Isolator terminals	
370 84	390 84
85	85
89	86
• Intrinsic safety terminals (EExi)	
373 00	393 00
01	01
02	02
03	03
04	04⁽¹⁾
05	05
07	07
• Terminals for circuit not broken	
373 38	393 38
39	39
• Terminals for protection conductor (metal foot)	
-	393 70
373 71	71
72	72
74	74
76	76⁽¹⁾
78	78
92	96
• Terminals for protection conductor (plastic foot)	
373 81	393 81
82	82
• V.O. – UL 94 temperature rated terminals	
-	390 00
370 31	01
32	02
34	04
36	06⁽¹⁾
38	08
• Heavy duty terminals	
For cables	
370 99	390 70
375 23	28
For busbars or eyelets	
375 30	390 31
31	32
33	33
36	34

Old Cat. No.	Viking 3 Cat. No.
For cables and busbars or eyelets	
375 25	390 36
26	37
28	38
• Mounting accessories	
End stops	
372 00	394 00
02	02
03	03
Mounting bracket	
372 14	394 49
• Insulation accessories	
End caps	
372 45	394 50
46	50
47	51
48	52
49	52
55	393 49
56	394 55
57	55
373 09	393 09
11	11
13	13
14	13
15	15
Separation barriers	
372 50	394 66
51	67
73	69
Safety screens	
372 60	394 92
61	93
62	93
63	94
64	94
59	80⁽²⁾
• Measurement accessories	
Test socket	
372 19	394 25
Test plugs	
372 70	394 27
71	28
• Interconnection accessories	
Bridging combs	
372 29	394 20
30	21
Bridging bars	
372 21	394 10
23	11
24	12
25	13
26	14
27	15
Screening continuity strip	
372 15	394 05
Pre-assembled bridging bars	
372 22	394 10
28	11

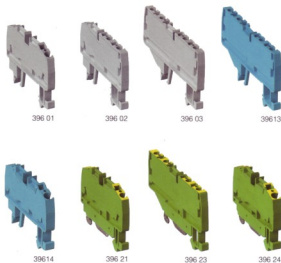
Old Cat. No.	Viking 3 Cat. No.
• Accessories for heavy duty terminals	
Separation barriers	
375 92	394 77
93	78
Protective covers	
375 96	394 84
97	85
98	86
80	88
82	89
• Marking accessories	
Label holder	
372 96	395 96
Label for engraving	
372 97	395 97
Felt tip pen	
372 98	395 98
Blank marker sheets	
378 52 ⁽³⁾	395 00
53 ⁽³⁾	01
54 ⁽³⁾	02
Marker sheets	
Numbers : width 5 mm	
377 50	395 05
51	06
52	07
53	08
378 58	09
59	10
60	11
61	12
Numbers : width 6 mm	
377 54 ⁽³⁾	395 15
55	16
56	17
57	18
378 69 ⁽³⁾	19
70 ⁽³⁾	20
71	21
72	22
Numbers : width 8 mm	
377 58	395 25
59	26
60	27
61	28
378 80	29
81	30
82	31
83	32
Letters and symbols	
379 63	395 36
65	37
• Marking system	
Marker strips	CAB 3
381 50	0.15-0.5mm 381 00
to	to
381 59	0.5-1.5mm 382 10
to	to
381 61	381 10
to	to
381 86	381 35
to	to
381 96	381 40
to	to
381 99	381 46

(1) 16 mm terminals

(2) Cut to length

(3) Still available for heavy duty terminals (p.15)

Viking™ 3 terminal blocks with spring connection



Pack Cat. Nos.

Spring connection terminals

A durable, high quality connection is assured through the constant pressure of the spring on the conductor. Connection with or without ferrule. For symmetrical rail 15 mm depth, and symmetrical rail EN 50 022 7-5 mm and 15 mm depth. Insulating material : polyamide 6/6. Increased safety EExe approved.



Standard

2 conductors
3 conductors
4 conductors

For intrinsic safety circuit (EExi)

2 conductors
3 conductors
4 conductors

Terminals with metal foot for protection conductor

Ensures the electrical and mechanical connection with the rail allowing the rail to be used as an equipotential contact. Connection, interconnection and distribution of protection conductors achieved according to the standards IEC 439-1 and EN 60 204.

2 conductors
2 conductors
4 conductors

	2.5 mm ² Pitch 5	4 mm ² Pitch 6
50/600	396 01	396 04
50/600	396 02	
50/400	396 03	
50/600	396 11	396 14
50/600	396 12	
50/400	396 13	
20/600	396 21	396 24
20/480	396 23	
20/480		

Marking systems :
- CAB 3 (p.19)
- Markers (p.16)

Viking™ 3 terminal blocks with spring connection

Characteristics

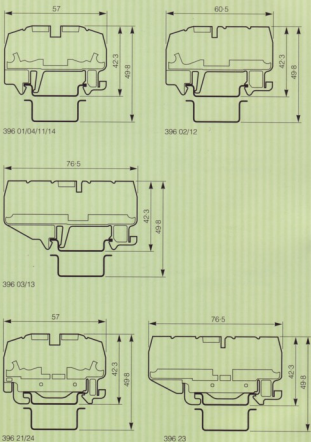
Cat. Nos.	Voltage (V)			Rating (A)			Capacity		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm ²)	CSA (AWG)	UL (AWG)
396 01	800	600	600	24	25	30	2.5	12	12
396 02	800	600	600	24	25	30	2.5	12	12
396 03	800	600	600	24	25	30	2.5	12	12
396 04	800	600	600	32	40	40	4	10	10
396 11	800	600	600	24	25	30	2.5	12	12
396 12	800	600	600	24	25	30	2.5	12	12
396 13	800	600	600	24	25	30	2.5	12	12
396 14	800	600	600	32	40	40	4	10	10

CSA no. 22-2, no. 158
Increased safety EExe approved and suitable for intrinsically safe circuits
IEC 947-7-1
UL 1059

Cat. Nos.	Capacity		
	IEC (mm ²)	CSA (AWG)	UL (AWG)
396 21	2.5	12	12
396 23	2.5	12	12
396 24	4	10	10

CSA no. 22-2, no. 158
Increased safety EExe approved and suitable for intrinsically safe circuits
IEC 947-7-2

Dimensions



accessories for Viking™ 3 terminal blocks with spring connection



Pack Cat. Nos. Insulation accessories

End caps

Pitch 5 and 6

For standard terminals

2 conductors

3 conductors

4 conductors

For intrinsic safety terminals

2 conductors

3 conductors

4 conductors

For terminals for protection conductor

2 conductors

4 conductors

Insulating barriers

2 conductors

3 conductors

4 conductors

Safety screen

For 4 terminals

Interconnection accessories

Equipotential bridging combs

For assembly :

2 pole

3 pole

10 pole

Connection accessories

Reducer for cables of cross-section:

0.13 to 0.2 mm²

0.25 to 0.5 mm²

0.75 to 1 mm²

0.13 to 0.2 mm²

0.25 to 0.5 mm²

0.75 to 1 mm²

Applicator tool

For fixing CAB 3 on to Viking 3 terminal blocks

Kit of replacement heads for applicator tool above (Cat. No. 382 05)

CAB 3™ markers for cable and Viking™ 3 terminal blocks with spring connection



CAB 3 on cables and terminals

Pack Cat. Nos. Markers for terminal blocks and cables cross-section 0.15 to 0.5 mm² and 0.5 to 1.5 mm²

Numbers : international colour code

0.15 to 0.5 ²	0.5 to 1.5 ²		
1000 381 00	382 10	0	Black
1000 381 01	382 11	1	Brown
1000 381 02	382 12	2	Red
1000 381 03	382 13	3	Orange
1000 381 04	382 14	4	Yellow
1000 381 05	382 15	5	Green
1000 381 06	382 16	6	Blue
1000 381 07	382 17	7	Violet
1000 381 08	382 18	8	Grey
1000 381 09	382 19	9	White

Letters : black on yellow background

200 381 10	383 00	A	
200 381 11	383 01	B	
200 381 12	383 02	C	
200 381 13	383 03	D	
200 381 14	383 04	E	
200 381 15	383 05	F	
200 381 16	383 06	G	
200 381 17	383 07	H	
200 381 18	383 08	I	
200 381 19	383 09	J	
200 381 20	383 10	K	
200 381 21	383 11	L	
200 381 22	383 12	M	
200 381 23	383 13	N	
200 381 24	383 14	O	
200 381 25	383 15	P	
200 381 26	383 16	Q	
200 381 27	383 17	R	
200 381 28	383 18	S	
200 381 29	383 19	T	
200 381 30	383 20	U	
200 381 31	383 21	V	
200 381 32	383 22	W	
200 381 33	383 23	X	
200 381 34	383 24	Y	
200 381 35	383 25	Z	

Conventional symbols : black on yellow background

200 381 40	382 70	/	
200 381 41	382 71	•	
200 381 42	382 72	+	
200 381 43	382 73	-	
200 381 44	382 74	~	
200 381 45	382 75	≡	
200 381 46	382 76	⊕	

Marker sheets for Viking 3 terminal blocks (p.16)