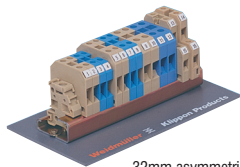


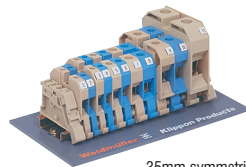
Connectors - DIN Rail Terminals

	Page		Page
DIN Rail Enclosures	1337	DIN Rail Terminals - Wago, Cage Clamp	1332
DIN Rail Interfaces	1336	DIN Rail Terminals - Weidmuller.....	1323
DIN Rail Terminals - Entrellec.....	1328	DIN Rails	1339
DIN Rail Terminals - IMO	1331		

Din Rail Terminals - Weidmuller



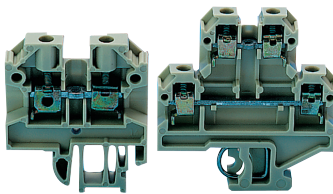
32mm asymmetric



35mm symmetric

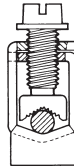
219886

Feed Through - Asymmetric



Standard SAK type

Space saver DK4 type



The terminals are designed so that all kinds of conductor, single, solid or fine stranded can be connected without special preparation. Approvals include **CSA, UL Recognised, BASEEFA, NEMKO, DEMKO, SEV, CEGB and LLOYDS.**

Type	Cable Size (mm ²)		Current Rating	Height in Rail	Width	Pitch	Colour	Mfrs. List No.	Order Code
	Stranded	Solid							
SAK2.5*	2.5	4	27A	46.5	36.5	6	Buff	952032 SAK 2.5	113-1769
SAK2.5	2.5	4	27A	46.5	36.5	6	Buff	027966 SAK 2.5	113-1695
SAK4	4	6	36A	51.5	40	6.5	Buff	012836 SAK4	113-1696
SAK6N	6	10	47A	51.5	40	8	Buff	019326 SAK6N	113-1697
SAK2.5	2.5	4	27A	46.5	36.5	6	Blue	027968 SAK2.5	113-1698
SAK4	4	6	36A	51.5	40	6.5	Blue	012838 SAK4	113-1699
DK4	4	4	27A	57	50	6	Buff	035546 DK4	113-1702
DK4Q	4	4	27A	59.5	54	6	Buff	059006 DK4Q	113-1763

210373

Price Each

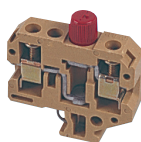
Type	Rating	Order Code
Standard Buff Housing		
SAK2.5*	27A	113-1769
SAK2.5	27A	113-1695
SAK4	36A	113-1696
SAK6	47A	113-1697
Standard Blue Housing		
SAK2.5	27A	113-1698
SAK4	36A	113-1699
Space Saver Buff Housing		
DK4	27A	113-1702
DK4Q	27A	113-1763

*has centre knockout fitted.

Isolating, Fused and Earth - Asymmetric



Isolating SAKR type



Fused SAKS3 type



Earth EK type

The isolating terminal is used where there is a need to remove the supply voltage from a circuit. The buff polyamide 6.6 housing is rated up to 440V. Approvals include **CSA, UL recognised, VDE, SEV and CEGB.**

The fused terminal has a vertical fuse holder moulded in a light brown melamine housing. The fuse is accessed from the top of the terminal via a screw cap. Approvals include **CSA, UL recognised and VDE.**

The earth terminal is fully enclosed in a yellow/green Polyamide 6.6 housing. Approvals include **CSA, UL recognised, VDE, BASEEFA, NEMKO, DEMKO, SEMKO and SEV.**

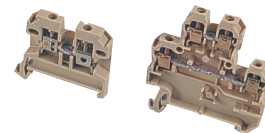
Fuse size	Cable Size (mm ²) Stranded	Solid	Current Rating	Height in Rail	Width	Pitch	Mfrs. List No.	Order Code
Isolating - SAKR Type								
—	4	4	10A	54.5	42	6.5	041216 SAKR	113-1703
Fused - SAKS3 Type								
1" x 1/4"	10	10	13A	61	54	13	021112 SAKS3	113-1704
1 1/4" x 1/4"	10	10	10A	61	54	13	024892 SAKS3	113-1705
Earth - EK Type								
—	2.5	4	—	48.5	36.5	6	047436 EK2.5	113-1700
—	4	6	—	51.5	40	8	035456 EK4	113-1701
—	6	10	—	51.5	10	10	EK10	113-1869

210375

Price Each

Rating	Order Code
Isolating - SAKR Type	
10A, 440V	113-1703
Fused - SAKS3 Type	
1" x 1/4" 13A @ 250V	113-1704
1 1/4" x 1/4", 10A @ 440V	113-1705
Earth - EK Type	
—	113-1700
—	113-1701
—	113-1869

Feed Through - Symmetric



Standard SAK type

Space Saver DK4Q type

Approvals **CSA, UL Recognised**

Type	Mfrs. List No.	Cable Size (mm ²)		Current Rating	Height in Rail	Width	Pitch	Colour	Order Code	
		Stranded	Solid							
Standard SAK Type										
Voltage rating 750V										
Housings Polyamide 6.6 Buff or Blue										
Contacts (clamps) Steel Yellow Chromate over zinc plating										
(Current links) Steel tin-lead plating										
SAK2.5/35	038046	SAK2.5/35	2.5	4	24	40	45	6	Buff	113-1741
SAK4/35	044366	SAK4/35	4	6	32	44	45	6.5	Buff	113-1742
SAK6/35	038056	SAK6/35	6	10	41	44	45	8	Buff	113-1743
SAK10/35	044376	SAK10/35	10	16	57	44	45	10	Buff	113-1744
SAK16/35	038066	SAK16/35	16	16	76	50	50	12	Buff	113-1745
SAK35N/35	060826	SAK35N/35	35	50	125	60	58	16	Buff	113-1747
SAK2.5/35	038048	SAK2.5/35	2.5	4	24	40	45	6	Blue	113-1748
SAK4/35	044368	SAK4/35	4	6	32	44	45	6.5	Blue	113-1749
DK4Q/35	059016	DK4Q/35	4	4	22	60.5	54	6	Buff	113-1750

210139

Type	Current Rating (A)	Order Code
Standard Buff Housing		
SAK2.5/35	24	113-1741
SAK4/35	32	113-1742
SAK6/35	41	113-1743
SAK10/35	57	113-1744
SAK16/35	76	113-1745
SAK35N/35	125	113-1747

Din Rail Terminals - Weidmüller - continued

Feed Through - Symmetric - continued

Type	Current Rating (A)	Order Code	Price Each
Standard Blue Housing			
SAK2.5/35	24	113-1748 ●	
SAK4/35	32	113-1749 ●	
Space Saver Buff Housing			
DK4Q/35	22	113-1750 ●	

Isolating, Fused and Earth - Symmetric



Isolating terminals have a buff polyamide 6.6 housing rated up to 440V. Approvals include **CSA, UL Recognised, VDE, SEV** and **CEGB**.

Fused terminals. The ASK1 has a buff polyamide housing rated up to 500V. Approvals include **CSA, UL Recognised, VDE**. KSK1&2/35 and KSK3/35 have light brown melamine housing rated up to 250 and 440V respectively.

Earth terminals. EK2.5/3.5 and EK4/35 are fully enclosed in a yellow/green polyamide 6.6 housing. The EK16/35 is a plated steel construction with no housing. Approvals include **CSA, VDE, BASEEFA, NEMKO, DEMKO, SEMKO, SEV** and **UL Recognised**

	Fuse Size	Cable Size (mm ²) Stranded	Solid	Current Rating	Height in Rail	Width	Pitch	Mfrs. List No.	Order Code
Isolating: SAKR/35									
—	—	4	4	10	40	42	6.5	018336	SAKR/35 113-1751
DKT4/35									
—	—	4	4	10	57	65	6	068746	DKT4/35 113-1752
Fused: ASK1									
—	20 x 5mm	4	4	6.3	44	58	6	047456	ASK1 113-1753
KSK1/35									
—	20 x 5mm	10	10	6.3	65	85	13	389782	KSK1/35 113-1754
KSK3/35									
—	1 1/4in x 1/4in (0)	10	10	10	63.5	85	13	389802	KSK3/35 113-1756
Earth: EK2.5/35									
—	—	2.5	4	27	40	56	6	066106	EK2.5/35 113-1757
EK4/35									
—	—	4	6	36	44	56	6.5	066116	EK4/35 113-1759
EK16/35									
—	—	16	16	87	40.9	52	8	066040	EK16/35 113-1761

210140

	Rating	Order Code	Price Each
Isolating: SAKR/35			
—	10A, 440V	113-1751 ●	
DKT4/35			
—	10A, 440V	113-1752 ●	
Fused: ASK1			
—	20 x 5mm	113-1753 ●	
KSK1/35			
—	20 x 5mm	113-1754 ●	
KSK3/35			
—	1 1/4in x 1/4in (0)	113-1756 ●	
Earth: EK2.5/35			
—	27A	113-1757 ●	
EK4/35			
—	36A	113-1759 ●	
EK16/35			
—	87A	113-1761 ●	

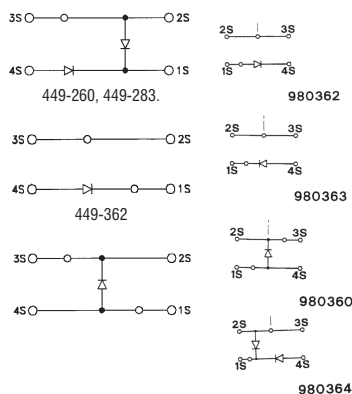
Diode



32mm Asymmetric (standard) H = 56.5, W = 50, D = 6
 35mm Symmetric (standard) H = 59, W = 50, D = 6
 35mm Symmetric (cross connect) H = 68 (Asymmetric = 60), W = 54, D = 6

Equivalent Circuits

All illustrations and circuit diagrams viewed from open side.



A range of Polyamide 6.6 terminals (as standard feed through terminals) fitted with a variety of configurations of diodes for active interface applications.

Available in standard (DK4D) and cross connect (DK4QD) form. The cross connect types may be linked together on the top and/or bottom conductors using jumper kits 177-119 to 177-122.

Terminals

Material: Polyamide 6.6
 Voltage (VDE 0110 Gr c): 380V ac max
 Current: 27A max
 Conductor size: 0.5mm² to 4mm² solid/flex
 Insulation strip length: 9mm

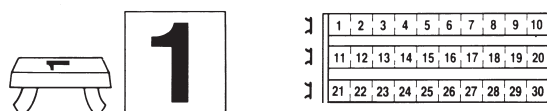
Diodes

Type: 1N4007
 Forward current (I_F): 1A max.
 Reverse voltage (V_{RRM}): 1000V max.

224572

Mfrs. List No.	Order Code	Price Each
Asymmetric, Standard - DK4D/32		
064276 DK4D/32	113-1765 ●	
Symmetric, Standard - DK4D/35		
039666 DK4D/35	113-1766 ●	
Symmetric, Cross-Connect - DK4QD/35		
980362 DK4QD/35	113-1767 ●	

Marker Strips (Horizontally Marked)



Cards of marker strips, each card having five strips of 10 digits numbered consecutively from 1 through to 50. The markers are available in two different widths 5.0mm and 6.0mm.

Suitable for 32mm Asymmetric, 35mm symmetric or 15mm Miniature series Klippon terminals.

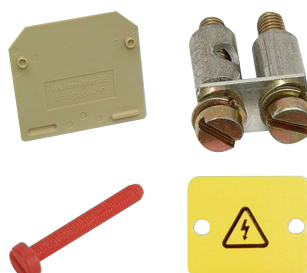
Material: White polyamide 6.6 with black print.

Mfrs. List No: DEK5FW-047346/50=105-447, DEK-046866/50=105-448.

210379

2 Cards Per Pack	Order Code	Price Per Pack
Width		
5	112-1772 ●	
6	112-1773 ●	

Accessories



End covers moulded in buff or blue coloured polyamide, the end covers provide a protective insulation for end terminals.

Jumper strips for connecting adjacent terminals to a common potential. Each kit comprises of a 'QL' jumper bar, 'BS' screws with captive washers and 'VH' distance sleeves.

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See our pick of the hottest products and latest technologies in "What's New" at www.element14.com

For use with terminal type	Mfrs. List No.	Order Code	For use with terminal type	Mfrs. List No.	Order Code
End Brackets					
EWK1, asymmetric	020616 EWK1	105-446	SAK10/35 Buff	011796 AP (SAK4/6)	105-410
EK35, symmetric	EW35	238-466	SAK35N/35 Buff	AP 030366	238-491
AP End Covers for Asymmetric Terminals					
SAK2.5	027956 AP (SAK2.5)	105-409	SAK4/35 Blue	011798 AP (SAK4.6)	105-430
SAK4.0-6.0	011796 AP (SAK4.6)	105-410	SAK6/35 Blue	011798 AP (SAK4.6)	105-430
SAK4.0-6.0	011798 AP (SAK4.6)	105-431	SAK10/35 Blue	011798 AP (SAK4.6)	105-430
DK4.0	035926 AP (DK4)	105-431	Buff	AP 027116	238-480
DK4Q	AP 139716	650-481	DK4Q/35 Buff	AP 139716	650-481
SAKR Buff	021136 AP (SAKR)	105-432	SAKR/35 Buff	021136 AP (SAKR)	105-432
SAKS3 Brown	019132 AP (SAKS3)	105-433	ASK1 Buff	038036 AP	177-117
SAK2.5/35 Buff	AP 046056	238-478			
SAK4/35 Buff	011796 AP (SAK4/6)	105-410			
SAK6/35 Buff	011796 AP (SAK4/6)	105-410			

Q Jumper Kits	Mfrs. List No.				Order Code
	2 Way	3 Way	4 Way	10 Way	
SAK2.5	033700	033710	033720	036870	113-1706
SAK4	—	—	—	036880	—
SAK6N	—	—	—	045700	—
SAK10/35	—	—	—	045740	—
DK4 or DK4Q/35	033640	033650	—	036860	1131706113-1733

AD4 Warning Labels and BSK Plastic Fixing Screws

Terminal Type	AD4 Label Mfrs. List No.	Order Code
SAK2.5 & 2.5/35	AD4 037560	112-1763
SAK4 & 4/35	AD4 037610	112-1764

210376

Order Multiple=10	Price Each
End Brackets	Order Code
020616 EWK1 asymmetric	105-446
EW35 symmetric	238-466

Order Multiple=5	Price Each
Jumper Kits for SAK2.5 or SAK2.5/35	Order Code
2 way	113-1706
3 way	113-1707
4 way	113-1708
10 way	113-1711

SAK4 or SAK4/35	Order Code
10 way	113-1712
SAK6N or SAK6/35	Order Code
10 way	113-1713

Order Multiple=1	Order Code
SAK10/10/35	113-1762

Order Multiple=5	Order Code
SAK 10/35	113-1732
2 way	113-1732
3 way	113-1733

Test Plug	Order Code
PS2.3	112-1774

Order Multiple=10	Price Each
AP End Covers for: (Asymmetric)	
SAK2.5/35 Buff	105-409
SAK4.0-6.0 Buff	105-410
SAK4.0-6.0 Blue	105-430
DK4.0 Buff	105-431
DK4Q Buff	650-481
SAKR Buff	105-432
SAKS3 Brown	105-433

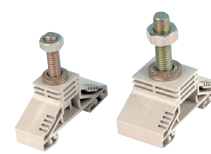
Order Multiple=10	Price Each
AP End Covers for: (Symmetric)	
SAK2.5/35 Buff	238-478
SAK4, 6, 10/35 Buff	105-410
SAK35N/35 Buff	238-491
SAK2.5/35 Blue	238-508
SAK4, 6, 10/35Blue	105-430
DK4Q/35 Buff	650-481
SAKR/35 Buff	105-432
ASK1 Buff	177-117

10 Per Pack	Price Per Pack
Warning Labels	
SAK2.5 & DK4	112-1763
SAK4 & 4/35	112-1764
100 Per Pack	
Label Fixing Screws	
	238-818

Stud Terminals - Symmetrical



WF - Range



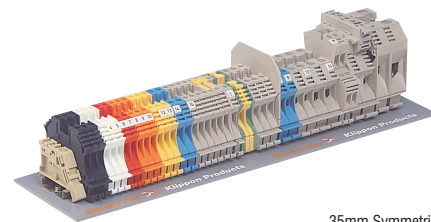
- A range of single stud terminals from Weidmüller
- Steel stud terminals for TS35 Mounting rail
- Available in 6, 8, 10 and 12mm stud sizes
- Moulded beige Wemid body. VO Flamability
- Complete with nut and spring-washer

Type	Width	Length	Height	Current	Voltage	Cable Size (mm ²)	Order Code
WF6	19.6	67	56	125	1000	35	113-1887
WF8	24.6	67	65	150	1000	50	113-1888
WF10	35.6	67	74	265	1000	120	113-1889

338084

Mfrs. List No.	Order Code	Price Each
WF6	113-1887	
WF8	113-1888	
WF10	113-1889	
WF12	113-1890	
WF6 PARTITION	501-7440	
WF10/12 PARTITION	501-7464	

'W' Series - Symmetric



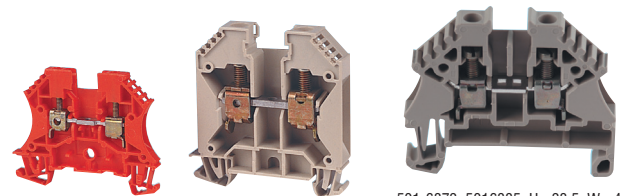
35mm Symmetric

The 'W' Series range of terminals and accessories utilise the proven yoke and screw connection technique, with a capacity for 2 conductors per clamping point. Manufactured from nylon 6.6 which has a continuous operating temperature rating of 120°C, they are flame resistant to **UL94V0** and completely free from cadmium and halogen. The terminals have an identical profile from 2.5 to 10mm² and 16 to 35mm²

Approvals: (1) **UL Recognised**, (2) **CSA**, (3) **DEMKO**, (4) **NEMKO**, (5) **SEMKO**, (6) **SEV**, (7) **SETI**, (8) **LCIE**, (9) **Lloyds Reg. of Shipping** (10) **Reg. of USSR** (11) **LUL Recognised**

219870

Feed Through



574-880 to 574-983, 501-6903 H=47, W=60
574-995, 575-008, H=63, W=60

501-6873, 5016885, H=38.5, W=44
501-6915, 501-6927, H=51, W=66

- Suitable for solid, stranded and flexible wires
- Screws are captive in moulding
- 'Conical' conductor guide entry to screw clamp
- Rated up to 750V
- 2.5mm terminals are available in a variety of colours for circuit colour coding
- Pre-assembled jumper bars available
- Low profile "N" type versions available

Type	Cable Size (mm ²)		Nominal Current	Pitch	Colour	Approvals	Mfrs. List No.	Order Code
	Solid	Flexible						
WDU 2.5	4	4	24A	5	Beige	1-4, 6-10	102000 WDU2.5	113-1770
WDU 2.5	4	4	24A	5	Blue	1-4, 6-10	102008 WDU2.5 BLUE	113-1772
WDU 2.5	4	4	24A	5	Yellow	1-4, 6-10	102002 WDU2.5 YELLOW	113-1773
WDU 2.5	4	4	24A	5	Orange	1-4, 6-10	102006 WDU2.5 ORANGE	113-1774
WDU 2.5	4	4	24A	5	Red	1-4, 6-10	102004 WDU2.5 RED	113-1775
WDU 2.5	4	4	24A	5	White	1-4, 6-10	103680 WDU2.5 WHITE	113-1776
WDU 2.5	4	4	24A	5	Black	1-4, 6-10	102001 WDU2.5 BLACK	113-1778
WDU 4	6	4	32A	6	Beige	1-4, 6-10	102010 WDU4	113-1779
WDU 4	6	4	32A	6	Blue	1-4, 6-10	102018 WDU4 BLUE	113-1780
WDU 4N	6	4	32A	6	Beige	1-4, 6-10	104260 WDU 4N	113-1872
WDU 4N Blue	6	4	32A	6	Blue	1-4, 6-10	104268 WDU 4N BLUE	113-1873
WDU 6	10	10	41A	8	Beige	1-4, 6-10	102020 WDU6	113-1781
WDU 10	16	16	57A	10	Beige	1-4, 6-10	102030 WDU10	113-1782
WDU 16	25	16	76A	12	Beige	1-3, 6-10	102040 WDU16	113-1784
WDU 16N	16	16	76A	12	Beige	1-4, 6-10	103610 WDU 16N	113-1875
WDU 16N Blue	16	16	76A	12	Blue	1-4, 6-10	103618WDU 16N BLUE	113-1876
WDU 35	50	35	125A	16	Beige	1-3, 6-10	102050 WDU35	113-1785
WDU 35N	16	35	125A	16	Beige	1-4, 6-10	104040WDU 35N	113-1877

Over 500 000 products available online

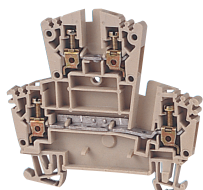
Din Rail Terminals - Weidmüller - continued

Feed Through - continued

Type	Order Code	Price Each
WDU 2.5	113-1770	
WDU 2.5 Blue	113-1772	
WDU 2.5 Yellow	113-1773	
WDU 2.5 Orange	113-1774	
WDU 2.5 Red	113-1775	
WDU 2.5 White	113-1776	
WDU 2.5 Black	113-1778	
WDU 4 Beige	113-1779	
WDU 4 Blue	113-1780	
WDU 4N Beige	113-1872	
WDU 4N Blue	113-1873	
WDU 6 Beige	113-1781	
WDU 10 Beige	113-1782	
WDU 16 Beige	113-1784	
WDU 16N Beige	113-1875	
WDU 16N Blue	113-1876	
WDU 35 Beige	113-1785	
WDU 35N Beige	113-1877	

219889

Double-Deck



- Permits high density wiring in single terminal width
- Both upper and lower current bars can be cross connected
- Replaces single terminals without moving adjacent terminals
- Rated up to 440V
- Pre-assembled jumper bar available(575-136)
- WDK2.5V has common connecting current bar to connect upper and lower tiers

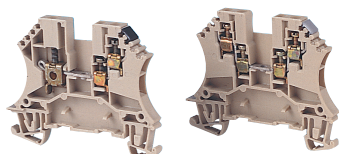
H=63, W=69

Type	Cable Size (mm ²) Stranded/Solid	Nominal Current	Pitch	Mftrs. List No.	Order Code
WDK2.5	2.5/2.5	24A	5	102150 WDK2.5	113-1786
WDK2.5V	2.5/2.5	24A	5	102230 WDK2.5V	113-1822

219895

Type	Order Code	Price Each
WDK2.5	113-1786	
WDK2.V	113-1822	
End Cover	112-1853	

1 In 2 Out and 2 In 2 Out



- Feed through terminals designed for commoning requirements.
- Pre-assembled jumper bar available (575-136)

1 In 2 Out
H=47, W=60

2 In 2 Out
H=47, W=60

	Cable Size (mm ²)		Nominal Current	Voltage Rating	Pitch	Mftrs. List No.	Order Code
	Incoming /outgoing	Solid /outgoing					
1 In 2 Out - WDU2.5ZR	4/1.5	4/2.5	24A	800V	5	102470 WDU2.5ZR	113-1787
2 In 2 Out - WDU1.5ZZ	2.5/2.5	1.5/1.5	17.5A	800V	5	103140 WDU1.5ZZ	113-1788

219894

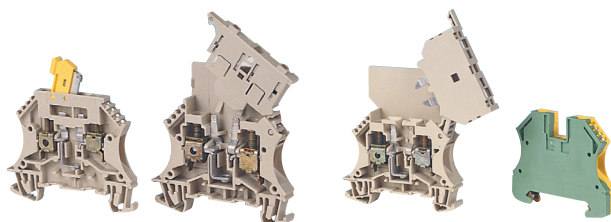
Type	Order Code	Price Each
1 In 2 Out		
WDU2.5ZR	113-1787	
2 In 2 Out		
WDU1.5ZZ	113-1788	

Technical information at your fingertips



Over **352,000** technical datasheets available online. Visit www.element14.com and look for the Tech Info heading in your search results.

Isolating, Fused and Earth



Isolating H=49 (Blade Closed) W=60 Fused (5 x 20mm) H=60, W=60 Fused (1" x 1/4, 1 1/4 x 1/4), H=67, W=60 Earth H=47, W=60

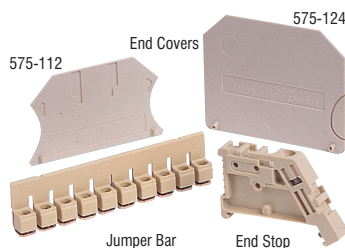
- Isolating terminal is used where there is a need to remove the supply voltage from a circuit
- Lever action fuse carriers accept either a 5x20mm fuse (575-069) or 1" x 1/4"/1 1/4" x 1/4" fuses (575-070)
- Earth terminals have a vibration proof connection from each terminal to the mounting rail

Type	Cable Size (mm ²)		Nominal Current	Voltage Rating	Pitch	Approvals	Mftrs. List No.	Order Code
	Solid/ Stranded	Flexible						
Isolating								
WTR 2.5	4/4	2.5	10A	380V	5	1-4,6,7,9,10	101110 WTR2.5	113-1789
Isolating test								
WTR 4/Socket	6/6	4	32A	400V	6	1-4,6,7,9,10	WTR 4/Socket	113-1884
Fused								
WSI6	6/6	6	6.3A	500V	8	1-7,9,10	101100 WSI6	113-1790
WSI6/2	6/6	6	6.3A	500V	12	1,2,9	101400 WSI6/2	113-1791
Earth								
WPE2.5	4/4	4	-	800V-	5	1-10	101000 WPE2.5	113-1792
WPE4	6/6	4	-	800V-	6	1-10	101010 WPE4	113-1793
WPE6	10/10	10	-	1000V-	8	1-10	101020 WPE6	113-1794

210384

Type	Order Code	Price Each
Isolating		
WTR2.5	113-1789	
Isolating test		
WTR 4/Socket	113-1884	
Fused		
WSI6 (20 x 5mm)	113-1790	
WSI6/2 (1" x 1/4"/1 1/4" x 1/4")	113-1791	
Earth		
WPE2.5	113-1792	
WPE4	113-1793	
WPE6	113-1794	

Accessories



- Jumper bars are available as 10 way units but can be cut down to required size
- End cover for 16-35mm terminals can also be used as a partition for smaller terminals.

Terminal Type	Jumper Bar		Terminal Type	Jumper Bar	
	Type	Order Code		Type	Order Code
WDU2.5	WQV2.5/10	113-1796	WDU1.5ZZ	WQV2.5/10	113-1796
WDU4	WQV4/10	113-1797	WTR2.5	-	-
WDU6	WQV6/10	113-1798	WSI6	-	-
WDK2.5	WQV2.5/10	113-1796	WSI6/2	-	-
WDU2.5ZR	WQV2.5/10	113-1796	WPE2.5	-	-
			WPE4	-	-
			WPE6	-	-

End Covers Type/Colour	Order Code	End Covers Type/Colour	Order Code
WAP 2.5/10 WHITE	501-6940	WAP 2.5/10 YELLOW	501-6976
WAP 2.5/10 ORANGE	501-6952	WAP 2.5/10 RED	501-6988
WAP 2.5/10 BLACK	501-6964	WAP2.5/10 BEIGE	575-112

210400

Type	Order Code	Price Each
End Covers		
All terminals up to 10mm except Fused (WSI6/2)	WAP2.5/10	All Order Codes
16-35mm Feed through and Fused (WS 16/2)	WAP16/35	575-124

Type	Order Code	Price Each
Jumper Bars, 10 Way		
2.5mm	WQV2.5/10	113-1796 ●
4mm	WQV4/10	113-1797 ●
6mm	WQV6/10	113-1798 ●
End Stop		
EW35	238-466	
Price Per Pack		
Markers, Blank		
4mm to 35mm terminals (pack 600)	NEW 144-7960 ●	

Screw Terminals



Screw terminal

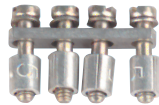


End plate

Weidmüller



Earth



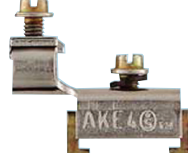
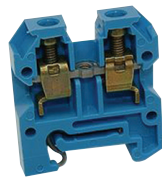
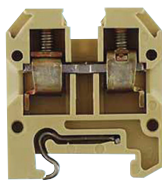
Jumper bar

Cable size (mm ²) Stranded/Solid	Contact Ratings	Height in Rail	Width Pitch	Colour	Mfrs. List No.	Order Code
Feed Through – AKZ						
1.5–2.5	17.5A 250V	25	5 5	Buff	AKZ 1.5	113-1891
1.5–2.5	17.5A 250V	25	5 5	Blue	AKZ 1.5 BLUE	113-1892
Earth – AKE						
2.5–4	—	27	7 5	Green / Yellow	AKE 2.5	113-1900

338261

Type	Order Code	Price Each
Order Multiple=5		
Feed through – buff	113-1891 ●	
Feed through – blue	113-1892 ●	
Earth (open frame) - grn/yel	113-1900 ●	
End Plate 1.5mm - buff	501-7490 ●	
Jumper Bar 2 Way	113-1895 ●	
Jumper Bar 4 Way	113-1897 ●	
Jumper Bar 10 Way	113-1899 ●	

Screw Terminals



Weidmüller

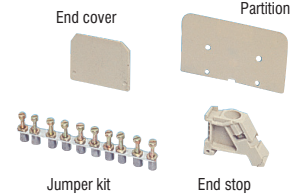
Cable size (mm ²) Stranded/Solid	Contact Ratings	Height in Rail	Width Pitch	Lamp Colour	Mfrs. List No.	Order Code
Feed Through – AKZ4						
0.22–4	32A 400V	30	27 6	Buff	029436 AKZ4	113-1726
0.22–4	32A 400V	30	27 6	Blue	029438 AKZ4	113-1727
Earth – AKE4						
0.5–4	—	30	27.5 9	—	021120 AKE4	113-1728
0.22–4	—	34	32 7	Green / Yellow	038026 AKE4	113-1729
Isolating – SAKR						
0.22–4	10A 400V	31	42 6.5	Buff	041276 SAKR	113-1730
Fused – ASKI (for 20 x 5mm fuse)						
0.22–4	6.3A 500V	34	58 8	Buff	037686 ASK1	113-1731

210395

Type	Order Code	Price Each
Feed through – buff	113-1726 ●	
Feed through – blue	113-1727 ●	
Earth (open frame)	113-1728 ●	
Earth (insulated)		
Isolated	113-1730 ●	
Fused	113-1731 ●	

Accessories

Weidmüller



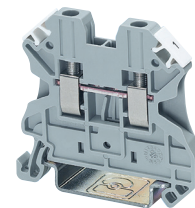
Accessories	Mfrs. List No.	Order Code
End cover – feed through, buff (for AKZ4)	029446 AP	177-114
End cover – feed through, blue (for AKZ4)	029448 AP	177-115
End cover – isolated (for SAKR)	021136 AP (SAKR)	105-432
End cover – fused (for ASK1)	038036 AP	177-117
Partition	034826 TW	177-118
Jumper kit, 6mm pitch – 2 way	033640 Q2	113-1732
Jumper kit, 6mm pitch – 3 way	033650 Q3	113-1733
Jumper kit, 6mm pitch – 10 way	036860 Q10	113-1735
End stop	038286 EW15	113-1736

219892

Order Code	Price Each
End Covers	
Feed through, buff	177-114
Feed through, blue	177-115
Isolating	105-432
Fused	177-117
Partition	177-118
Jumper Kits	
2 way	113-1732 ●
3 way	113-1733 ●
10 way	113-1735 ●
End Stop	
	113-1736 ●

Din Rail Terminals - Phoenix Contact

Universal - Feedthrough UT



UT 2,5

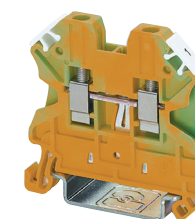
- Suitable for symmetric mounting rail

Technical Data:
Length: 46,9 mm
Height: 47,5 mm
Flammability Rating UL 94: V0
Approvals: UL, CSA/CUL

375094

Type	Order Code	Price Each
UT 2,5	833-2975 ●	
UT 4	833-2983 ●	
UT 6	833-2991 ●	

Universal - Earth Terminals



UT 2,5-PE

- Suitable for symmetric mounting rail

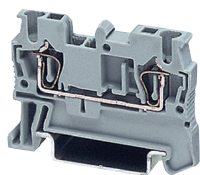
Technical Data:
Length: 46,9 mm
Height: 47,5 mm
Flammability Rating: UL 94: V0
Approvals: UL, CSA/CUL

375095

Type	Order Code	Price Each
UT 2,5-PE	833-3033 ●	
UT 4-PE	833-3041 ●	

Din Rail Terminals - Phoenix Contact - continued

Feed Through ST



● Protector clip for mounting rail NS 35

Technical Data:
Flammability Rating UL 94: V0
Approvals: **UL, CSA/CUL**

ST 1,5

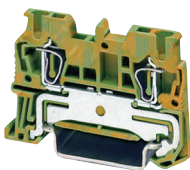
800/31
800/31

375101

Price Each

Type	Order Code
ST 2,5	833-3084 ●
ST 2,5 BU	833-3122 ●

Earth Terminal ST



● Conductor clip for mounting rail NS 35

Technical Data:
Flammability UL 94: V0
Approvals: **UL, CSA/CUL**

ST 1,5-PE

375100

Price Each

Type	Order Code
ST 2,5-PE	833-3165 ●

Accessories for UT / ST / QTC



Snap-on End Cover for UT
Cover for ST 1,5 und ST 2,5

Partition plate for UT
Test Adapter for UT, ST, QTC

375107

Price Each

Type	Order Code
CLIPFIX 35-5	833-3297 ●
D-UT 2,5/10	833-3300 ●
D-ST 2,5	833-3335 ●
ATP-UT	833-3319 ●
PAI-4	833-3327 ●

Jumper UT / ST / QTC



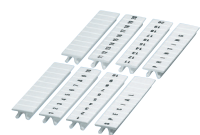
2 for UT 2,5; ST 2,5; QTC 1,5
5 for UT 2,5; ST 2,5; QTC 1,5
2 for UT 4; ST 4; QTC 2,5
5 for UT 4; ST 4; QTC 2,5
2 for UT 6; ST 6
5 for UT 6; ST 6

375106

Price Each

Type	Order Code
FBS 2-5	833-3432 ●
FBS 5-5	833-3440 ●
FBS 2-6	833-3459 ●
FBS 5-6	833-3467 ●
FBS 2-8	833-3475 ●
FBS 5-8	833-3483 ●

Marker Strips UT / ST / QTC



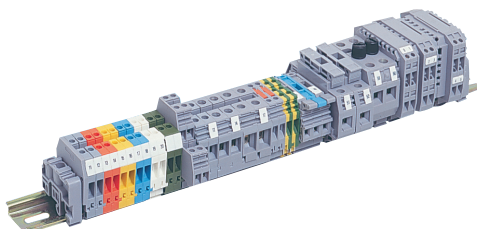
for ST 2,5 QTC 1,5
for ST 2,5 QTC 1,5
for UT 2,5 QTC 1,5
for UT 2,5 QTC 1,5
for UT 4
for UT 4
for UT 6
for UT 6

● Printed Version = 1 to 10

375104

Type	Order Code	Price Each
ZBF 5 Blank	833-3521 ●	
ZBF 5 Printed	833-3564 ●	
ZB 5 Blank	833-3599 ●	
ZB 5 Printed	833-3629 ●	
ZB 6 Blank	833-3602 ●	
ZB 6 Printed	833-3637 ●	
ZB 8 Blank	833-3610 ●	
ZB 8 Printed	833-3645 ●	

Din Rail Terminals - Entelec



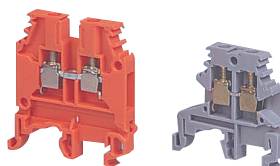
The 5000 series DIN rail mounted terminals and accessories are designed for use with either the standard **DIN 46277/1** asymmetric, **DIN 46277/3** symmetric or **CENELEC DIN EN50022** rails.

All moulded parts are of flame resistant polyamide, with an operating range of -50°C to +130°C.

Approvals: (1) CSA, (2) UL Recognised, (3) S.E.V., (4) SEMKO, (5) DEMKO, (6) NEMKO, (7) NORSE VERITAS, (8) CEEB, (9) SETI, (10) KEMA, (11) G.L., (12) GOST.

219888

Standard Terminals



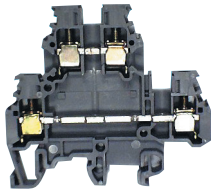
Standard terminal blocks are available in varying cable sizes capacities and colours. Voltage rating 800V ac
Economy terminal blocks are similar to Order Code 147-483 but with no test facility and jumper bars cannot be fitted. Voltage rating 750V ac

Cable Size (mm ²) Stranded	Nominal				Approvals	Mfrs. List No.	Order Code
	Solid	Current	Pitch	Colour			
Standard							
2.5	4	26A	5	Grey	1, 2	115.486.03	530-426
2.5	4	26A	5	Blue	1, 2	125.486.05	530-438
4	4	35A	6	Grey	1-11	115.116.07	147-483
4	4	35A	6	Yellow	-	105.116.16	149-293
4	4	35A	6	Green	-	105.001.27	149-294
4	4	35A	6	Orange	1-9, 11	105.002.20	149-295
4	4	35A	6	Blue	1-1	125.116.01	149-296
4	4	35A	6	Red	1, 2	105.032.15	530-440
4	4	35A	6	Black	1, 2	105.031.14	530-451
6	6	41A	8	Blue	1	125.118.13	427-7831
6	10	46A	8	Grey	1-12	115.118.11	147-484
10	16	63A	10	Grey	1-7, 10, 11	115.120.17	147-485
16	25	85A	12	Grey	1, 2, 3, 4, 6, 7, 9-11	115.129.14	149-298
35	35	125A	16	Grey	1-11	115.124.07	427-7880
70	70	175A	22	Grey	1-11	115.216.13	427-7909
Economy							
4	4	35A	6	Grey	1	115.265.24	149-297

248005

Cable Size	Colour	Order Code	Price Each
2.5	Grey	530-426	
2.5	Blue	530-438	
4	Grey	147-483	
4	Yellow	149-293	
4	Green	149-294	
4	Orange	149-295	
4	Blue	149-296	
4	Red	530-440	
4	Black	530-451	
6	Blue	427-7831	
6	Grey	147-484	
10	Grey	147-485	
16	Grey	149-298	
35	Grey	427-7880	
70	Grey	427-7909	
Economy			
4	Grey	149-297	

Double Deck Terminals



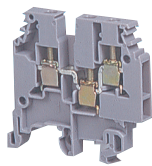
Double deck space saving design, provides 2 circuits within a single terminal width, grey or blue 2.5mm to 4mm

Cable Size (mm ²)	Stranded	Solid	Nominal Current	Pitch	Colour	Approvals	Mftrs. List No.	Order Code
2.5	4	4	24A	5	Blue	1, 2	12549015	427-7934
2.5	4	4	24A	5	Grey	1, 2	115.490.13	530-517
4	4	4	35A	6	Grey	2, 9, 11, 12	115.271.22	147-493

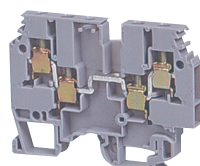
248031

Cable Size (mm ²)	Stranded	Colour	Order Code	Price Each
2.5	4	Blue	427-7934	
2.5	4	Grey	530-517	
4	4	Grey	147-493	

1 In 2 Out and 2 In 2 Out



1 In 2 Out
H=53, W=51.5



2 In 2 Out
H=53, W=63.5

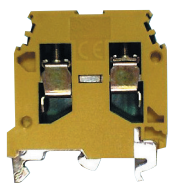
- Accepts wire sizes up to 4mm² for commoning requirements.
- Pre assembled jumper bar available (147-499) SEE PAGE 1330

Cable Size (mm ²)	Stranded	Solid	Nominal Current	Voltage Rating	Pitch	Approvals	Mftrs. List No.	Order Code	
1 In 2 Out Terminal									
4	4	4	35A	750V	6	1, 2	115.468.20	530-463	
2 In 2 Out Terminal									
4	4	4	35A	750V	6	1, 2	115.479.23	530-475	
End Cover For 1 In 2 Out								116.576.15	530-487
End Cover For 2 In 2 Out								116.629.22	530-499

219873

Order Code	Price Each
1 in 2 out Terminal	530-463
2 in 2 out Terminal	530-475
End Cover	530-487
End Cover	530-499

Earth Terminals



Standard Clean or Ground to rail terminals, green / yellow 2.5mm to 16mm

Cable Size (mm ²)	Stranded	Solid	Nominal Current	Pitch	Approvals	Mftrs. List No.	Order Code
Clean Terminals							
2.5	4	4	24A	5	1, 2, 4, 9	165.677.03	427-7958
4	4	4	32A	6	1-6, 8-10	16527500	427-7960
6	10	10	41A	8	1-6, 8-10	16545121	427-7971
10	16	16	57A	8	1, 2, 3, 9, VDE	16545222	427-7983
Ground to Rail Terminals							
2.5	4	4	24A	5	1, 2, 3, 9, VDE	16548827	427-8021
4	4	4	32A	6	2-6, 9, 10, 12	165.113.16	147-486
6	10	10	41A	8	1-6, 9, 10, 12	165.114.17	147-487
10	16	16	57A	10	1, 2, 3, 9, VDE	16511510	427-8057
16	25	25	85A	12	1, 2, 3, 9, VDE	16513023	427-8069

248044

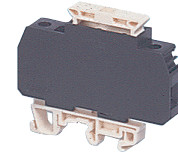
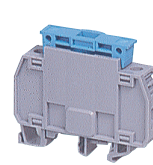
Cable Size (mm ²)	Stranded	Order Code	Price Each
Clean Terminals			
2.5	4	427-7958	
4	4	427-7960	
6	10	427-7971	
10	16	427-7983	

Cable Size (mm ²)	Ground to Rail Terminals	Price Each
2.5	427-8021	
4	147-486	
6	147-487	
10	427-8057	
16	427-8069	

Fused and Neutral Link

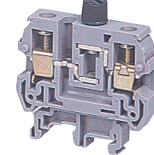
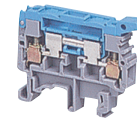


178-731/178-732
H=64, W=68



530-530
H=88.5, W=78

147-792
H=52, W=54



147-490
H=61, W=58

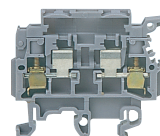
Fused terminals having pull up or screw cap type fuse carriers. The neutral links have either pull up or lever action type bar carriers. Voltage rating 750V (147-490, 500V).

Cable Size (mm ²)	Stranded/Solid	Fuse Type	Nominal Current	Pitch	Approvals	Mftrs. List No.	Order Code
Fused, Pull Up							
6/10	10/16	1 1/4in x 1/4in	16A	16	1, 2	115.377.24	178-732
		1 x 1/4, 11/4 x 1/4in	—	14.5	1, 2	199.013.10	530-530
Fused, Screw Cap							
10/16		20 x 5mm	10A	12	1, 2	111.033.03	147-490
Neutral Link, Lever							
4/4		—	6.3A	8	—	115.659.07	147-492
Neutral Link, Pull Up							
6/10		—	16A	16	—	115.379.06	178-731

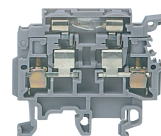
210148

Cable Size (mm ²)	Order Code	Price Each
Fused, Pull Up	6	178-732
Fused, Pull Up	10	530-530
Fused, Screw Cap	10	147-490
Neutral Link, Lever	4	147-492
Neutral Link, Pull Up	6	178-731

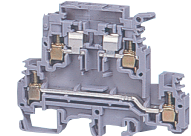
Fused Lever Action



593-758
H=70.5, W=58



593-760
H=70.5, W=58



530-542
H=71.5, W=86

Lever action fuse terminals accepting a standard 5 x 20mm fuse with standard, neon indication or double deck options. Voltage rating 500V (110/240V 149-302)

Cable Size (mm ²)	Stranded/Solid	Nominal Current	Pitch	Approvals	Mftrs. List No.	Order Code
Standard						
4/4		6.3A	8	1, 2	115.657.25	593-758
Neon Indicated						
4/4		6.3A	8	2, 11	115.661.21	593-760
Double Deck						
4/4		6.3A	8	—	115.604.21	530-542

210149

Order Code	Price Each
Standard	593-758
Neon Indicated	593-760
Double Deck	530-542

End Covers



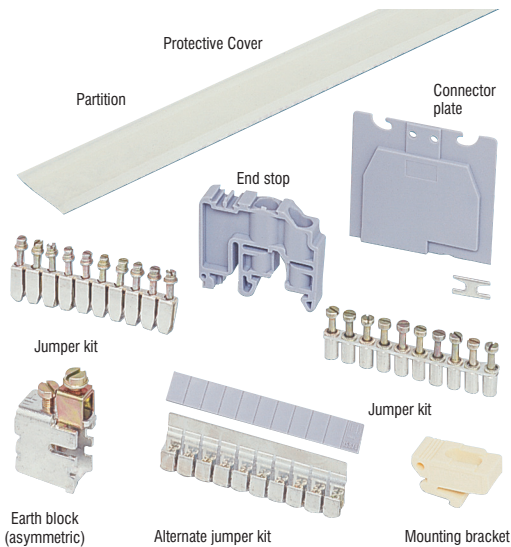
Din Rail Terminals - Entelec - continued

End Covers - continued

Terminal Type	Mftrs. List No.	Order Code	Price Each
Feed-Through			
2.5-10mm ² Standard, Earth	118.368.16	147-494	
4/6mm ² , Isolating 4mm ²	118.618.01	149-300	
16mm ² Standard			
Double-Deck			
2.5mm ² , 4mm ²	118.499.23	147-498	
Fused			
4mm ² Standard/Neon, 4mm ²			
Neutral Link	116-951.15	593-771	
10mm ²	117.628.22	147-496	

210391

Accessories



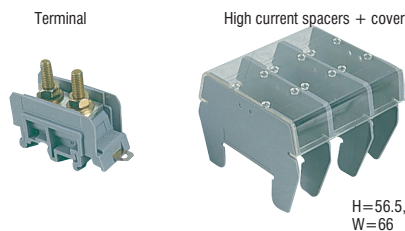
entrelec

210390

	Mftrs. List No.	Order Code	Price Each
Partition and Cover			
2.5-10mm ² standard	118-707-03	149-305	
Protective cover, length 0.5M, fits 149-305	187-312-14	149-451	
Jumper Kits, 10 Way			
6mm pitch	168.973.07	147-499	
6mm pitch (for 147-493 Double-Deck)	173.520.22	239-446	
Connector plate (for 239-446)	173.627.21	239-458	
6mm pitch alternate + cover	116.541.12	178-733	
End Stops			
Terminal	0206 351.16	118-4488	
Metal (earth block)	233.000.01	147-506	
Markers, 6mm Pitch			
Card of 100 blank	233.000.01	147-506	
10 strips marked 1 to 10	233.002.27	147-507	
10 strips marked 11 to 20	233.003.20	147-508	
10 strips marked 21 to 30	233.004.21	147-509	
10 strips marked 31 to 40	233.005.22	147-510	
Markers, 5mm Pitch			
Card of 100 blank	231.000.07	178-730	
Card marked 1 to 100	231.030.24	178-729	
Mounting Bracket			
M3/M5 metal insert	163.811.10	145-357	

Power Terminals

entrelec



H=56.5, W=66

- A range of power terminals covering 25 to 150mm connection sizes
- 2 stud version

Cable Size (mm ²)	Stranded	Solid	Nominal Current	Pitch	Approvals	Mftrs. List No.	Order Code
25	35	115A	26	1, 2, 9	115.140.23	145-355	
50	50	150A	31	1, 2, 9	11514312	427-8197	
70	70	150A	35	1, 2, 9	11514615	427-8203	
150	120	269A	42	1, 2, 9	11514920	427-8215	

248104

Cable Size (mm)	Current (A)	Pitch	Mftrs. List No.	Order Code	Price Each
Power Terminals					
25	115	26	115.140.23	145-355	
50	150	31	11514312	427-8197	
70	150	35	11514615	427-8203	
150	269	42	11514920	427-8215	

Clear Covers

Block No.	mm ²	Terminal pitch	Mftrs. List No.	Order Code
3 Blocks	25	26	163.403.20	145-369
3 Blocks	50	31	16340906	505-1629

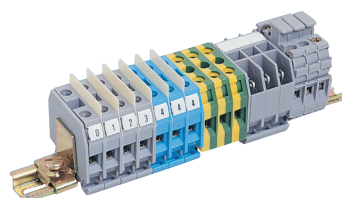
Spacers

Partition	mm ²	Pitch	Mftrs. List No.	Order Code
Partition	25	26	113.689.24	145-370
Partition	50	31	11369021	505-1599
Partition	70	35	11369116	505-1642
Partition	150	42	11369217	505-1691

Full Covers

Cover	mm ²	Pitch	Mftrs. List No.	Order Code
Cover	25	26	11488207	505-1551
Cover	150	42	11651500	505-1680

entrelec



A range of miniature terminals designed for mounting on to miniature symmetric DIN Rail to **DIN46277 Part 2** in accordance with **EN50045**. The terminals are moulded in tough flame resistant nylon 6-6. Working temperature range -55°C to 130°C.

FOR SUITABLE DIN RAIL SEE ORDER CODE 177-126 OR 178-191

219893

Screw Terminals

entrelec



Cable Size (mm ²)	Stranded	Solid	VDE Contact Ratings	Height in Rail	Width	Pitch	Colour	Mftrs. List No.	Order Code
Feed Through									
4	4	4	35A 500V ac	31	28	6	Grey	110.491.17	150-221
4	4	4	35A 500V ac	31	28	6	Blue	120.491.11	150-222
Earth									
4	4	4	—	31	28	6	Green / Yellow	160.496.26	150-223

210399

Type	Order Code	Price Each
Feed through - Grey	150-221	
Feed through - Blue	150-222	
Earth	150-223	

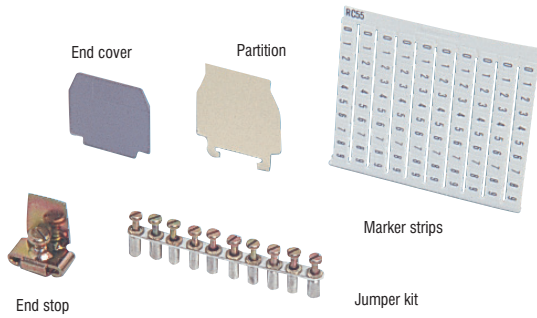
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Accessories



Accessories	Terminal Order Codes	Mftrs. List No.	Order Code
End Cover, feed through - screw, 6.3 tab	150-221/2/7/8	117.600.03	150-229
End Cover, feed through - 2.8 tab	150-225/6	114.560.27	150-231
Partition	—	173.016.10	150-232
End Stop	—	164.716.21	150-233
Jumper Kit	—	173.226.27	150-234
Markers, blank (10 strips of 10)	—	230-000-12	150-235
Markers, strips marked 0-9 (10 strips of 10)	—	230-001-07	150-236

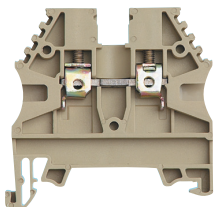
210401

Price Each

	Order Code	Price Each
End Covers		
Feed through, screw - 6.3 tab	150-229	
Feed through, screw - 2.8 tab	150-231	
Partition	150-232	
End Stop	150-233	
Jumper Kit, 10 way	150-234	
Markers		
Blank (10 strips of 10)	150-235	
Marked 0-9 (10 strips of 10)	150-236	

Din Rail Terminals - IMO

Feed Through



- Standard range feed through
- Suitable for symmetric mounting rails
- Manufactured to IEC 947-7-1
- Suitable for solid, stranded or flexible wires
- Captive screw in Polyamide 6.6 housing
- Protected wire inlet
- Terminals have same profile
- Common accessories used throughout
- 7 colours available for circuit identification
- UL Recognised

Approvals: VDE, CE, & CSA.

Cable Size (mm ²)	Nominal Current (A)	Width	Colour	Type
Stranded				
2.5	4		Beige	ER2.5BEIGE
2.5	4		Blue	ER2.5BLUE
4	6	6	Beige	ER4BEIGE
4	6	6	Blue	ER4BLUE
4	4	6	Red	ER4RED
4	6	6	Yellow	ER4YELLOW
6	10	6	Beige	ER6BEIGE
10	16	6	Beige	ER10BEIGE

338469

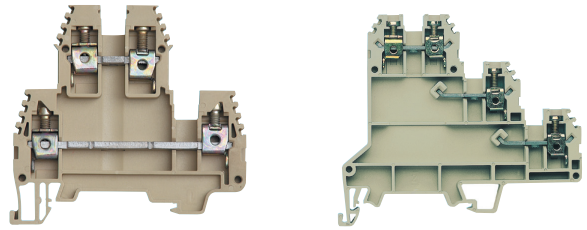
Price Each

Type	Colour	Order Code
ER2.5BEIGE	Beige	101-5375
ER2.5BLUE	Blue	101-5376
ER4BEIGE	Beige	101-5377
ER4BLUE	Blue	101-5378
ER4RED	Red	101-5379
ER4YELLOW	Yellow	101-5380
ER6BEIGE	Beige	101-5384
ER10BEIGE	Beige	101-5385
End Plates	Colour	Order Code
EP2.5-10BEIGE	Beige	101-5386

Over 500 000 products available online



Multi Deck Terminals



- Multi level terminals allowing best use space
- Each level can be cross connected
- Manufactured to IEC 947-7-1
- Sensor terminals colour coded: red +ve, blue -ve (505-2142 internally wireable)
- Captive screw in Polyamide 6.6 housing
- UL Recognised

Approvals: VDE & CE

Double deck terminals

Cable Size (mm ²)	Nominal Current (A)	Pitch/Width	Type	Order Code
Stranded				
4	6	32	ERD4BEIGE	101-5395
End Cover			EP4BEIGE	101-5396

Triple deck sensor terminals

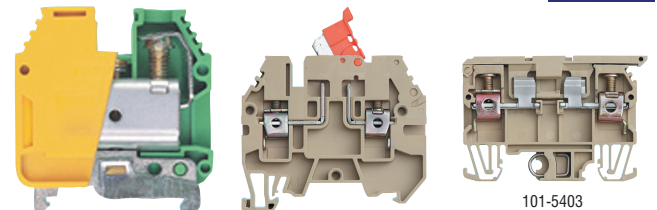
Cable Size (mm ²)	Nominal Current (A)	Pitch/Width	Type	Order Code
2.5	4	24	ERT3SBEIGE	101-5397
End Cover			EPT3SBEIGE	101-5398

338491

Price Each

Type	Colour	Order Code
Terminal	ERD4BEIGE	101-5395
End Cover	EP4BEIGE	101-5396
Terminal	ERT3SBEIGE	101-5397
End Cover	EPT3SBEIGE	101-5398

Earth, Isolating and Fused



- Earth terminals with mechanical and electrical connection
- Isolating terminals for circuit test and isolation
- Lever action fuse terminals to accept 5 x 20mm
- UL Recognised

Earth terminals

Cable Size (mm ²)	Nominal Current (A)	Width	Colour	Type
Stranded				
4	6	n/a	Yellow / Green	ERPE2.5/4
10	16	n/a	Yellow / Green	ERPE6/10

Isolating terminals

Cable Size (mm ²)	Nominal Current (A)	Width	Colour	Type
4	6	16	Beige	ERTD4

Lever fused terminals for use with 5 x 20mm fuses

Cable Size (mm ²)	Nominal Current (A)	Width	Colour	Type
6	10	6.3	Beige	ERF2

338492

Price Each

Type	Colour	Order Code
Earth Terminals		
ERPE2.5/4	Yellow / Green	101-5399
ERPE6/10	Yellow / Green	101-5401
Isolating Terminals		
ERTD4	Beige	101-5402
End Cover		
EPF3	Beige	786-3640
Lever Fused Terminals		
ERF2	Beige	101-5403
End Cover		
EPF2	Beige	786-3632

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Din Rail Terminals - IMO - continued

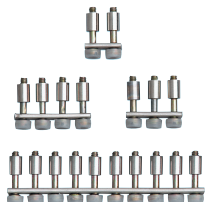
End Stops and Accessories



End stop



End cap



Jumper Kit



Markers

338493

Type	Colour	Order Code	Price Each
End Stop			
ES1	Beige	101-5404 ●	
End Plates			
EP2.5-10BEIGE	Beige	101-5386 ●	
Jumper Kits 10Way			
CC2.5/10	Silver	101-5405 ●	
CC4/10	Silver	101-5406 ●	
For Multi Level Terminal			
CC2.5/10T	Silver	101-5409 ●	
Order Multiple=1		Price Per Pack	
Blank Markers			
10 Cards of 50 Markers (500 per pack)			
MT5 5mm pitch small marker		101-5411 ●	
Numbered Markers 1-50			
10 cards of 50 markers (500 per pack)			
MT5 1-50 5mm small marker		101-5415 ●	

Connectors

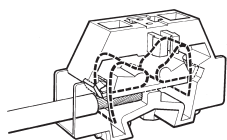
12

Connectors - DIN Rail Terminals

Din Rail Terminals - Wago, Cage Clamp

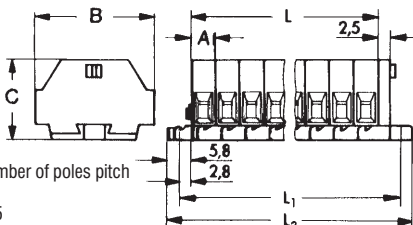
Series 260/261/262

Modular Feedthrough Terminal Blocks



- Modular terminal blocks with Cage Clamp for all types of conductor: solid, stranded or flexible, also with tinned single strands
- Easy connection of conductors using screwdriver
- All terminals can be commoned individually
- Fixing on mounting plate through the mounting flange
- For fixing on DIN rail a mounting adapter is available

Series 260 Wire Size 0.08mm² - 1.5mm²
 Series 261 Wire Size 0.08mm² - 2.5mm²
 Series 262 Wire Size 0.08mm² - 4mm²



213692

Single Terminal Block



- Single modular terminal block
 - With mounting flange
- Wire Size: 0.08mm² - 1.5mm² Current Rating: 18A
 Rated Voltage: 400V/6kV/3,18A Insulation Strip Length: 8-9mm
- | Width | 5mm | 8mm | Farbe |
|-------------|---------|---------|--------|
| 2-conductor | 260-301 | 260-331 | Colour |
| | 260-304 | 260-334 | Grey |
| | 260-306 | 260-336 | Blue |
| | | | Orange |



Mftrs. Price Each

List No.	Order Code	
260-301	128-3452 ●	
260-304	128-3496 ●	
260-306	128-3497 ●	
260-331	128-3498 ●	
260-336	128-3500 ●	

Wire Size: 0.08mm² - 2.5mm² Current Rating: 18A
 Rated Voltage: 500V/6kV/3 Insulation Strip Length: 8-9mm

Width	6mm	10mm	Colour
	2-conductor	4-conductor	Grey
	261-301	261-331	Orange
	261-306	261-337	Green/Yellow

Suitable end plate 851-012

Mftrs. Price Each

List No.	Order Code	
261-301	128-3502 ●	
261-306	128-3503 ●	
261-331	128-3505 ●	
261-337	128-3511 ●	



Wire Size: 0.08mm² - 4mm² Current Rating: 24A
 Rated Voltage: 630V/8kV/3 Insulation Strip Length: 9-10mm

Width	7mm	12mm	Colour
	2-conductor	4-conductor	Grey
	262-301	262-331	

Suitable end plate 851-103

213693

Mftrs. Price Each

List No.	Order Code	
262-301	128-3513 ●	
262-331	128-3514 ●	



End Plate



Mftrs. List No. Terminal Block Width
 260-361 5 and 8 mm
 261-361 6 and 10mm
 262-361 7 and 12mm

213694

Mftrs. Price Each

List No.	Order Code	
260-361	850-913 ●	
261-361	851-012	
262-361	851-103	

Jumper Bar

2 Pole, Comb Type



Mftrs. List No. Rated Current Terminal Block Width
 260-402 10A 5 and 8 mm
 261-402 16A 6 and 10mm
 262-402 16A 7 and 12mm

213695

Mftrs. Price Each

List No.	Order Code	
260-402	128-3501 ●	
261-402	128-3512 ●	

Accessories (incl DIN Rail adaptor)



- Insulated operation tool for connecting the comb type jumper bar
- Mounting adaptor with screw for terminal blocks with fixing flange for DIN 35 rail
- Mounting adaptor for DIN 35 rail can be used as end stop

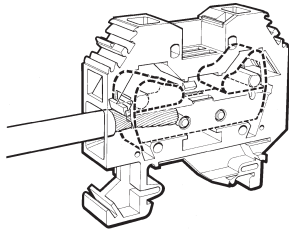
213743

Mftrs. Price Each

List No.	Order Code	
Operation Tool		
209-132	804-988	
Mounting Adaptor		
With Screw		
209-123.	850-834	
Mounting Adaptor		
/End stop		
209-137.	465-057	

DIN Rail Mount Terminals - Cage Clamp

Series 279-284 (side entry)



- Modular terminal blocks with Cage Clamp for all types of conductor: solid, stranded or flexible also with tinned single strands
- Easy connection of conductors using screwdriver
- All terminals can be commoned individually
- Side conductor entry
- According to **DIN 57611/VDE 0611**
- Marking with WSB Quick Marking System

213696

End Plate



- Suitable for 2-conductor through terminal blocks of the series **279-284**
- Colour: Grey

Mftrs. list no.	Terminal Block Width	Width
280-301280-301	4 and 5mm	2.52.5mm
281-301281-301	6mm	42.63.0mm
282-301282-301	8mm	44.0mm
283-301283-301	12mm	44.0mm

213700

Mftrs. List No.	Order Code	Price Each
280-301	564-138	
281-301	805-245	
282-301	805-361	
283-301	805-488	

2-Conductor Feed Through Terminals



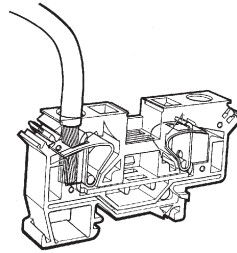
- 2-conductor through terminals
- Rated voltage 800V/8kV/3

Mftrs. list no.	Colour	Width (mm)	Rated Current (A)	Wire Size (mm ²)	Suitable End Plate (Order code)
279-101	Grey	4	18	0.08 - 1.5	564-138
279-104	Blue	4	18	0.08 - 1.5	564-138
280-101	Grey	5	24	0.08 - 2.5	564-138
280-104	Blue	5	24	0.08 - 2.5	564-138
281-101	Grey	6	32	0.08 - 4.0	805-245
281-104	Blue	6	32	0.08 - 4.0	805-245
282-101	Grey	8	41	0.20 - 6.0	805-361
283-101	Grey	12	76	0.20 - 16.0	805-488

213698

Mftrs. List No.	Order Code	Price Each
279-101	128-3461	
279-104	128-3462	
280-101	128-3458	
280-104	128-3463	
281-101	128-3471	
282-101	128-3474	

Series 279-285 (Top/front entry)

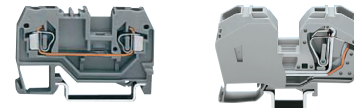


- Modular terminal blocks with Cage Clamp for all types of conductor: solid, stranded or flexible also with tinned single strands
- Easy connection of conductors using a screwdriver
- Front entry
- According to **DIN57611/VDE 0611**
- All terminals can be commoned individually
- Marking with WSB Quick Marking System
- Rated Voltage 800V/8kV/3

213701

Feed Through, 2 Conductor

Series 279-285



Mftrs. List No.	Colour	Width mm	Rated Current A	Wire Size mm ²
279-901	Grey	4	18	0.08-1.5
280-901	Grey	5	24	0.08-2.5
280-904	Blue	5	24	0.08-2.5
281-901	Grey	6	32	0.08-4
281-904	Blue	6	32	0.08-4
282-901	Grey	8	41	0.2-6
282-904	Blue	8	41	0.2-6
284-901	Grey	10	57	0.2-10

213737

Mftrs. List No.	Order Code	Price Each
279-901	128-3428	
280-901	128-3430	
280-904	128-3432	
281-901	128-3433	
281-904	128-3434	
282-901	128-3435	
282-904	128-3436	
284-901	128-3437	

2-Conductor Earth Terminals



- 2-conductor ground (earth) terminal blocks
- Colour: Green/Yellow

Mftrs. list no.	Width (mm)	Wire Size (mm ²)	Suitable End Plate Order code
280-107	5	0.08 - 2.5	564-138
282-107	8	0.20 - 6.0	805-361

213699

Mftrs. List No.	Order Code	Price Each
280-107	128-3459	
281-107	128-3473	

2-Conductor Fuse Terminals



- Fused terminal blocks
 - For cartridge fuses 5x20mm
- Rated Voltage: 500V/6kW/3
 Wire Size: 0.2mm² - 6mm²
 Current Rating: Max 10A (dictated by fuse)
 Width: 13mm
 Insulation strip length: 12 - 13mm
 Colour: Grey

Mftrs. List No.	Type	Price Each
282-122	Without neon indicator	
282-124	With neon indicator 230VAC/DC	

Mftrs. List No.	Order Code	Price Each
282-122	128-3460	

213697

Earth Terminal

2 conductor



- Ground (earth) conductor terminal block
- Colour: yellow-green

Mftrs. List No.	Width	Wire Size
280-907	5mm	0.08- 2.5mm ²
281-907	6mm	0.08- 4mm ²
284-907	10mm	0.2- 10mm ²

213741

Mftrs. List No.	Order Code	Price Each
280-907	128-3423	
281-907	128-3424	
284-907	128-3426	

Din Rail Terminals - Wago, Cage Clamp - continued

Endplates

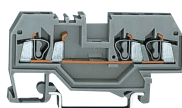
2 conductor



Mfrs. List No.	Colour	Thickness	Terminal Type	Order Code	Price Each
279-325	Grey	2mm	1.5mm ²	320-0437	
280-308	Grey	2.5mm	2.5mm ²	320-0450	
281-328	Grey	2.5mm	4mm ²	320-0474	
282-325	Grey	2.5mm	6mm ²	320-0498	
284-325	Grey	2.5mm	10mm ²	320-0528	
283-325	Grey	4mm	16mm ²	320-0541	

234218

3-Conductor Feed Through Terminals



- 3-conductor feed through terminals
- Front Entry
- Rated Voltage 800V/8kV/3

Mfrs. List No.	Colour	Width mm	Rated Current A	Wire Size mm ²
279-681	Grey	4	18	0.08-1.5
280-681	Grey	5	24	0.08-2.5
280-684	Blue	5	24	0.08-2.5
281-681	Grey	6	32	0.08-4

213744

Mfrs. List No.	Order Code	Price Each
279-681	128-3442	
280-681	128-3444	
280-684	128-3465	
281-681	128-3453	

3-Conductor Earth Terminals



Front-entry



Mfrs. List No.	Width	Wire Size
280-687	5mm	0.08- 2.5mm ²

Colour: green/yellow

213745

Mfrs. List No.	Order Code	Price Each
280-687	128-3466	

End Plates for 3-Conductor Terminals



- Suitable for the 3-conductor through terminal blocks of the series 279-281

Mfrs. List No.	For terminal Width mm	Width mm
279-308	4	2
280-324	5	2.5
281-324	6	2.5

213748

Mfrs. List No.	Order Code	Price Each
Grey		
279-308	401-5836	
280-324	537-457	
281-324	537-494	
Orange		
280-326	401-5848	

3-Conductor Feed-Through Terminals



Angle Entry



- 3-conductor feed through terminal blocks
- Rated voltage 800V/8kV/3

Mfrs. List No.	Colour	Width	Rated Current	Wire size
280-641	Grey	5mm	26A	0.08-2.5mm ²
280-651	Blue	5mm	26A	0.08-2.5mm ²

213749

Mfrs. List No.	Order Code	Price Each
280-641	128-3468	
280-651	128-3421	

3-Conductor Feed-Through Earth Terminals



Angle Entry



- 3-conductor ground (earth) terminal block
- Colour: green/yellow

Mfrs. List No.	Width (mm)	Wire size (mm ²)	Suitable End Plate
280-637	5-2.5	0.08-2.5	805-130

213702

Mfrs. List No.	Order Code	Price Each
280-637	128-3469	

End Plate



- For 3-conductor angle-entry terminal

Mfrs. List No.	Colour	Width (mm)
280-312	Grey	5

213750

Mfrs. List No.	Order Code	Price Each
280-312	805-130	

4 Conductor Feed Through Terminals



Front Entry 2 in, 2 out



- Suitable for solid, stranded and flexible conductors
- Cage Clamp guarantees gas tight connection
- Can be used instead of two terminals and a jumper, saving DIN rail length
- Rated Voltage 800V/8kV/3

Conductor Size	Current	Dimensions
1.5mm ²	18A	W = 4, L = 73, h = 27
2.5mm ²	20A	W = 5, L = 75, h = 28
4mm ²	26A	W = 6, L = 86, h = 29

229038

Mfrs. List No.	Conductor Size	Colour	Order Code	Price Each
279-831	1.5mm ²	Grey	128-3396	
280-833	2.5mm ²	Grey	128-3397	
281-652	4mm ²	Grey	128-3398	
279-834	1.5mm ²	Blue	128-3399	
280-834	2.5mm ²	Blue	128-3400	

4 Conductor Earth Terminals



Front Entry 2 in, 2 out



- Suitable for solid, stranded and flexible conductors
- Earth Foot makes automatic connection to DIN rail
- Cage Clamp guarantees gas tight connection
- Can be used instead of two terminals and a jumper, saving DIN rail length

Conductor Size	Colour	Dimensions
1.5mm ²	Green / Yellow	W = 4, L = 73, h = 27
2.5mm ²	Green / Yellow	W = 5, L = 75, h = 28

229044

Mfrs. List No.	Conductor Size	Colour	Order Code	Price Each
279-837	1.5mm ²	Green / Yellow	128-3401	
280-837	2.5mm ²	Green / Yellow	128-3402	

4 Conductor Feed Through Accessories



endplate & separator

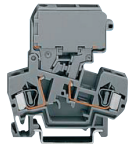
- Ensure terminals are touchproof
- Give a visual indication of separation of terminal groups

Endplate			Separator		
Mfrs. List No.	Colour	Thickness	Mfrs. List No.	Colour	Thickness
279-344	Grey	2mm	281-334	Grey	2.5mm
280-314	Grey	2.5mm	280-335	Orange	2.5mm

229041

Mfrs. List No.	Terminal	Order Code	Price Each
279-344	mm ²	319-0055	
280-314	mm ²	319-0067	
281-334	mm ²	319-0079	
280-335	mm ²	319-0092	

Fuse Disconnect Terminals



- Only 60mm wide across the DIN rail
- Range includes metric and imperial fuse sizes
- Cage Clamp which guarantees gas tight connection of conductors up to 4mm²
- Each fuseholder has storage for a spare fuse
- Rated Voltage 800V/8kV/3

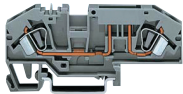
Fuse Size	Conductor Size	Current	Dimensions W L H	Colour
20 x 5mm	4mm ²	10A Slow acting, 6.3A Fast acting	8 60 60	Grey

Mfrs. List No.	Fuse Size	Order Code	Price Each
281-611	20 x 5mm	128-3408	
281-311	Endplate	319-0225	

Mini Blade Type (Car) Fuse Terminals



Angle Entry



- Use the popular blade type fuses as used in many vehicles
- Angle entry of conductor saves space
- Each cage clamp has a test point
- Designed for conductor up to 6mm²
- Rated voltage 400V/6kV/3

Mfrs. List No.	Current (A)	Conductor Size	H	W	D
282-696	30	6mm ²	8	85	38.5
282-334	-	-	-	2mm thick	-

Mfrs. List No.	Fuse Terminal	Order Code	Price Each
282-696	Fuse Terminal	128-3410	
282-334	End Plate	319-0249	

Adjacent Jumper



Mfrs. List No. (grey)	Mfrs. List No. (green)	Rated Current (A)	Terminal Block (mm)
279-402	—	15	4mm
280-402	—	24	5mm
281-402	—	32	6mm
282-402	—	41	8mm
284-402	—	57	10mm

- Insulated adjacent jumper
- Suitable for through terminal blocks
- Push jumper down firmly until fully inserted
- 285-435 suitable for front entry 35mm² terminal blocks

Mfrs. List No.	Order Code	Price Each
279-402	128-3481	
280-402	128-3454	
281-402	128-3456	
282-402	128-3457	
284-402	128-3482	
280-422	128-3470	

WSB Terminal Markers



Mfrs. List No.	Marking
209-501	none
209-502	1 - 10
209-503	11 - 20
209-504	21 - 30
209-505	31 - 40
209-566	1 - 50
209-507	51 - 100
209-508	101 - 150
209-545	A - B - P - N - PE - PEN - L1 - L2 - L3 - ⚡

- Marker card suitable for series 279, 280 to 285
- Horizontal printing
- 100 markers per card

Mfrs. List No.	Order Code	Price Each
280 to 285 Series		
209-501	537-550	
209-502	843-763	
209-503	843-775	
209-504	843-787	

Mfrs. List No.	Order Code	Price Each
209-505	843-799	
209-566	537-548	
209-507	843-817	
209-508	843-829	
209-545	843-854	

Miniature Through Terminal Blocks DIN35



- 2-conductor miniature through terminal blocks
- Front entry
- Suitable for DIN 35 rail
- Cage Clamp connection
- End and Intermediate plate

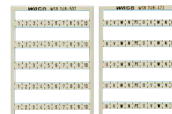
Mfrs. List No.	Colour	Width mm	Rated Current A	Wire Size mm ²
264-711	Grey	6	24	0.08-2.5

Mfrs. List No.	Colour	Width mm	Rated Current A	Wire Size mm ²
264-731	Grey	10	24	0.08-2.5

Mfrs. List No.	Colour	Width mm	Price Each
264-368	Grey	4	213739

Mfrs. List No.	Order Code	Price Each
Terminal Blocks		
264-711	128-3445	
264-731	128-3446	
End Plate		
264-368	401-6105	

Miniature WSB quick marking system



- Horizontal marking
- Consecutive letters/symbols each strip
- 10 strips with 10 markers for each card
- Suitable for series 264

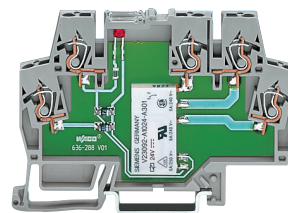
Mfrs. List No.	Marking	Mfrs. List No.	Marking
248-502	Numbers 1-10	248-504	Numbers 21-30
248-503	Numbers 11-20	248-501	Blank

Mfrs. List No.	Order Code	Price Each
248-502	842-680	
248-503	842-606	
248-504	842-618	
248-501	842-620	

Relay Terminal with Coupler Function



Switching Relay Terminal block with 1 Changeover Contact



- DIN Rail Mount Relay only 6mm wide yet includes all the functions of much larger modules
- Saves up to 70% space on the DIN Rail. Cage Clamp guarantees gas tight connection
- Commoning is easy with jumper slots on both input and output sides

Coil Voltage:	DC 24V	Operating Power:	245mW
Max Switching Voltage:	DC 30V/AC 250V	Mechanical Life:	2 x 10 ⁷ switching operations
Max Continuous Current (terminals in a row):	4A	Ambient Operating Temp.:	-25°C/+60°C
		Dimensions:	w=6, l=91, h=56

Mfrs. List No.	Order Code	Price Each
859-304	24VDC Relay	128-3412

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Connectors

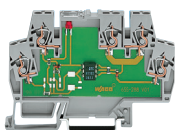
12

Connectors – DIN Rail Terminals

Din Rail Terminals - Wago, Cage Clamp - continued

Relay Terminal with Coupler Function

Optocoupler Terminal Block



- DIN Rail Optocoupler only 6mm wide yet includes all the functions of much larger modules
- Saves space on the DIN rail
- Cage Clamp guarantees gas tight connection
- Commoning is easy with jumper slots on both input and output sides

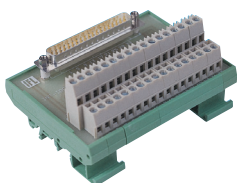
Input Voltage:	24V DC	Max. Continuous Current:	100mA (20°C), 20mA (70°C)
Input Voltage Range:	18-30VDC	Switch on/off time:	80 microseconds/
Input Current Range:	2-5 mA DC		100 microseconds
Current at Nominal Voltage:	4mA DC	Max Frequency:	1.5kHz
Output Voltage:	60V DC	Ambient Operating Temp.:	-25°C/+60°C
Output Voltage Range:	20-60V DC	Dimensions:	w=9, l=91, h=56mm

229117

Mfrs.		Price Each
List No.	Order Code	
859-794	20-60V Output	128-3413 ●

Din Rail Terminals - Interfaces

Sub 'D' Interface Modules



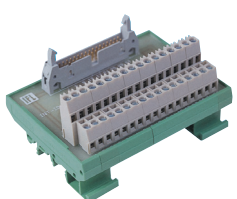
- Interface modules for Sub-D connectors
- Allow signal lines terminated with D-sub-miniature connectors to be output to screw terminals
- For conductors up to 2.5mm² cross section
- DIN rail mounting (all DIN EN rails)
- Options of Male (plug) or Female (socket)
- 9, 15, 25, 37 or 50 way
- In order to permit the safe continuity of earth, the metal shroud is connected to a terminal

Nominal Current	2.5A
Nominal Voltage	125VAC

233659

	Price Each
No of Ways	Order Code
Male (Plug)	
9	370-2900
15	370-2923
25	343-1812
37	343-1836
50	370-2959
Female (Socket)	
9	370-2911
15	370-2935
25	343-1824
37	343-1848
50	370-2960

IDC Interface Modules



- AC or DC coil options
- Common coil voltage
- Inputs and outputs by screw terminals
- DIN rail mounting (all DIN EN rails)

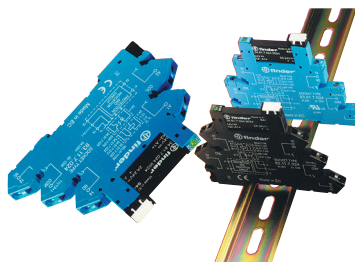
Nominal Current	1A
Nominal Voltage	65VAC/75VDC

233657

	Price Each
No of Ways	Order Code
10	343-1850
14	343-1861
16	343-1873
20	343-1885
26	343-1897
34	343-1903
40	343-1915
50	343-1927
64	343-1939

38 Series Relay Interface Modules

Electromechanical and SSR



- 35mm DIN rail (EN 50022) mount
- DC and AC/DC versions available
- Supplied with integral coil indication and protection circuit
- Instant removal of relay using plastic retaining clip
- 6kV/8mm isolation between coil and contacts
- Screw terminal and Screwless terminal types available
- Relays approved to **CSA, VDE,**

SEV, SETI, BEAB, SEMKO, DEMKO, and IMQ, UL Recognised.

Contact arrangement	SPCO 6A/DPDT 8A	SSR Versions	2A
Current rating Max/peak	6/10A SPCO / 8A/15A DPCO		2/20A
Voltage Rating/switching max	250/400		1.5 - 24V
Load rating AC1/AC15	SPCO 1500/300V ac / DPCO 2000/400VA		Blocking Voltage = 33V
Load switching min.	500mW		-20°C to 55°C
Temperature Range	-40°C to, 55°C(ac/dc) 70°C(dc)		IP 20
Category protection	IP 20		

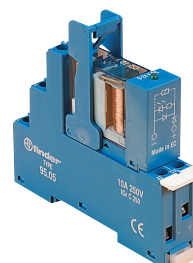
Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.
116-9345	38.51.7.006.0050	116-9355	38.51.0.125.0060	132-9721	38.81.7.006.9024
116-9346	38.51.7.012.0050	116-9356	38.51.0.240.0060	132-9723	38.81.7.024.8240
116-9347	38.51.7.024.0050	132-9725	38.52.7.024.0050	116-9349	38.61.7.012.0050
116-9352	38.51.0.012.0060	132-9726	38.52.0.024.0060	116-9351	38.61.7.024.0050
116-9353	38.51.0.024.0060	132-9727	38.52.0.125.0060	426-7850	093.64
116-9354	38.51.0.048.0060	116-9357	38.81.7.024.9024	116-9358	093.20

250009

Volts	Order Code
SPCO, 6A - Screw Terminals 38.51/81 Series	
6V dc	116-9345 ●
12V dc	116-9346 ●
24V dc	116-9347 ●
12V ac/dc	116-9352 ●
24V ac/dc	116-9353 ●
48V ac/dc	116-9354 ●
125V ac/dc	116-9355 ●
220V ac/dc	116-9356 ●
DPDT, 8A - Screw Terminals 38.52 Series	
24V	132-9725 ●
24V ac/dc	132-9726 ●
110V ac/dc	132-9727 ●
SSR, 2A Screw Terminals 38.81 Series	
24V dc I/P - 24V dc O/P	116-9357 ●
6V DC I/P - 24V DC O/P	132-9721 ●
24V DC I/P - 240V AC O/P	132-9723 ●
SPCO, 6A - Screwless Terminals 38.61/91 Series	
12V dc	116-9349 ●
24V dc	116-9351 ●
Accessories	
ID Labels	426-7850
Jumper Link, 20 way	116-9358 ●

8A/10A/16A SPCO & DPCO

48 Series Relay Interface Module



- 35mm DIN rail (EN 50022) mount
- DC version complete with LED and protection diode
- AC version complete with LED and varistor module
- Sensitive coil
- 4kV/8mm isolation between coil and contacts
- Relays approved to **CSA, VDE, SEV, SETI, BEAB, SEMKO, DEMKO, IMQ,** and UL Recognised

Contact arrangement	SPCO 10A	SPCO 16A	DPCO 8A	DPCO 10A
Current rating Max/peak	10/20A	16/30A	8/15A	10/20A
Voltage Rating/switching max	250/400	250/400	250/250	250/400
Load rating AC1/AC15	2500/500 VA	4000/750 VA	2000/400 VA	2500/500 VA
Load switching min.	500mW	500mW	500mW	500mW
Temperature Range	-40°C to 70°C			
Category protection	IP 20			

Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.
116-9363	48.31.8.230.0060SPA	176-5081	48.61.8.024.0060SPA	116-9323	48.52.7.024.0050SPA
176-5080	48.31.8.110.0060SPA	176-5082	48.61.8.110.0060SPA	116-9364	48.62.7.012.0050SPA
116-9359	48.31.7.012.0050SPA	116-9325	48.61.8.230.0060SPA	116-9365	48.62.7.024.0050SPA
116-9360	48.31.7.024.0050SPA	116-9327	48.61.7.024.0050SPA	116-9322	48.52.7.012.0050SPA
116-9320	48.51.7.024.0050SPA	116-9321	48.52.8.230.0060SPA		

248947

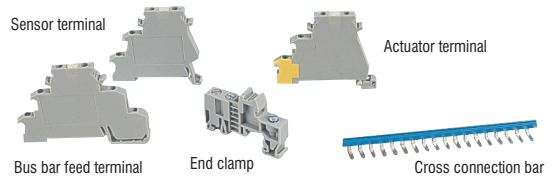
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COIL			Price Each
Volts	Ω	Order Code	
SPCO, 10A - 48.31 Series - 3.5mm Pin Pitch			
110V ac	6.9K	NEW 176-5080	
230V ac	28K	116-9363	
12V dc	300	116-9359	
24V dc	1.2K	116-9360	
SPCO, 10A - 48.51 Series - 5mm Pin Pitch			
24V dc	1.2K	116-9320	
SPCO, 16A - 48.61 Series			
24V ac	320	NEW 176-5081	
110V ac	6.9K	NEW 176-5082	
230V ac	31.5K	116-9325	
12V dc	300	116-9326	
24V dc	1.2K	116-9327	
DPCO, 8A - 48.52 Series			
230V ac	31.5K	116-9321	
12V	300	116-9322	
24V dc	1.2K	116-9323	
DPCO, 10A - 48.62 Series			
12V dc	300	116-9364	
24V dc	1.2K	116-9365	



Sensor and Actuator Terminals



A range of Grey polyamide 6.6, 3-level terminal blocks for connecting three-wire sensors such as inductive and capacitive proximity switches or actuators such as solenoid valves and motors.

On the sensor terminal, positive and negative connections can be grouped with cross connection bars such that only the signal line and one pair of conductors for power supply need to be wired from the sensor. The actuator terminal has a positive or live feed through the top level, a negative or neutral connection on the middle level (which can be cross connected) and the bottom level provides an earth connection to the DIN rail.

The cross connection bars have pins which are pitched at the same spacing as adjacent terminals, however, the bars can be cut and pins broken off to bypass one or a range of terminals as required.

A busbar feed terminal is available for connection of the supply wires to the cross connection bars.

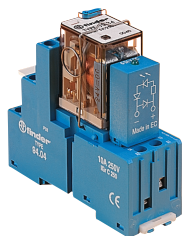
As the sensor and actuator terminals are of identical shape they can be mounted together in any order.

Cable Size (mm ²)	Nominal Current (A)	Height in DIN Rail	Width	Pitch	Colour	Mfrs. List No.	Order Code
2.5	26	54.5	55	6.2	Grey	2715966 DIK1.5	179-041
2.5	26	54.5	55	6.2	Grey	2717016 DOK1.5	179-042
2.5	26	54.5	72.5	6.2	Grey	2715979 DIKD1.5	179-043
—	—	—	—	—	Grey	E/UK	179-044
—	26	—	—	—	Blue	2715940 EB80DIKBLUE	179-085
—	26	—	—	—	Red	2715953 EB80DIKRED	179-086

Price Each

	Order Code	
Sensor Terminal	179-041	
Actuator Terminal	179-042	
Busbar feed terminal	179-043	
Bridge	179-085	
Bridge	179-086	
End Clamp	179-044	

58 Series Relay Interface Module 7A 4PCO



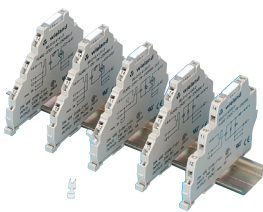
- 35mm DIN rail (EN 50022) mount
- DC version complete with LED and protection diode module
- AC version complete with LED and varistor module
- Isolation to VDE0100
- 2kV isolation between coil and contacts, 1.55kV contact to contact
- Relays approved to **CSA, DEMKO, NEMKO, SEMKO, SEV, BEAB, GOST, IMQ, UTE** and **VDE**

Contact arrangement	4PCO 7A	Load switching min.	300mW
Current rating Max/peak	7/15A	Temperature operating	-40°C to 70°C
Voltage Rating/switching max	250/250	Category protection	IP 20
Load rating AC1/AC15	1750/350 VA		
Order Code	Mfrs. List	Order Code	Mfrs. List
116-9314	58.34.8.024.0060SMA	116-9316	58.34.9.012.0050SMA
116-9315	58.34.8.230.0060SMA	116-9317	58.34.9.024.0050SMA
176-5089	58.34.8.110.0060SMA		

248989

COIL			Price Each
Volts	Ω	Order Code	
4PCO, 7A - 58.34 Series			
24V ac	190	116-9314	
110V ac	4K	NEW 176-5089	
230V ac	17K	116-9315	
12V dc	140	116-9316	
24V dc	600	116-9317	

Terminal Block Relays "Flare"



SPCO contacts rated at 6A

- 6.2mm wide (standard 4mm² terminal housing)
- DIN rail mounting (TS35)
- LED indication of relay status
- 24VAC/DC versions have disconnect facility
- Integrated diodes for coil suppression and polarity protection
- Integrated diodes for coil suppression and polarity protection
- Plug in jumper available to link common potentials (no need for wire links)

210312

Voltage	Terminal	Order Code	Price Each
24 Vdc	Screw	121-2085	
24 Vdc	Spring Clamp	121-2086	
24 Vac/dc	Spring Clamp	121-2087	
230V	Spring Clamp	121-2088	

Din Rail Enclosures

CI-K Enclosures IP65



- Push through membrane cable entry
- Standard protection of **IP65**
- With mounting plate or rail
- Enclosure covers RAL 7035 grey
- -25°C to +70°C
- 5 different base sizes available

Mfrs. List No.	Dimensions (mm)			Order Code	Price Each
	H	W	D		
CI-K1-95-TS	80	120	95	320-3086	
CI-K2-100-TS	100	160	100	320-3098	
CI-K3-125-TS	120	200	125	320-3130	
CI-K4-160-TS	160	240	160	320-3177	

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Connectors

12

Connectors – DIN Rail Terminals

Din Rail Enclosures - continued

DIN Rail Enclosure

Optional PCB



- Universal mounting (TS35 or TS32)
- Available in 4 sizes
- Complete with screw terminals
- Moulded from grey polyamide 6.6

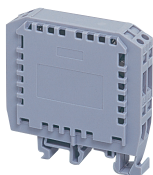
Rated at 10A, 250V
Max Cable Size 4mm²

229053

Price Each

Type	H	W	D	Terminal	Order Code
1	63	20	58	4	318-7834
2	90.5	16.5	58	4	318-7846
3	90.5	22.5	58	6	318-7858
4	90.5	28.5	58	8	318-7860
PCB for type 1					318-7871
PCB for type 2, 3 & 4					318-7883

Component Boxes



A body of molded polyamide (holding the terminals) Two polyamide end plates of different thickness, which snapped onto the body, protect the electronic components and determine the overall spacing

PCB 0.1" Pitch Hole Dia. 0.041"

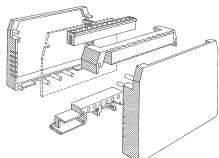
	H (in rail)	W	D	Mfrs. List No.	Order Code
Box with 2 3.5 mm ends	72.5	18	62	100.001.26	147-512
Box with 2 8.5 mm ends	72.5	28	62	100.003.20	147-513
Perforated PCB for above boxes	45.2	48.3	—	174.021.16	147-515

210393

Price Each

Description	Order Code
Box with 2 3.5mm ends	147-512
Box with 2 8.5mm ends	147-513
Perforated PCB for above boxes	147-515

Box with Screw Connection Plug and Socket



Height in DIN Rail=95.5 (DIN3),
98 (DIN) Width=79, Depth=25
When plug inserted add 10mm to height.

This green polyamide 6.6 PCB housing features a 12 way plug in Combicom socket. A mating plug with screw terminals is available for quick and easy disconnection. Each pin of the connector has a corresponding socket for a 3mm diameter LED (lead length 30mm). Modules have a universal mounting foot for either symmetric or asymmetric 32mm wide DIN rail.

Current rating	12A	Cable size stranded/solid	2.5mm ²
Maximum voltage	250V ac	Connector pitch	5.08mm

210112

Price Each

	Order Code
Housing	179-039

REACH - SVHCs

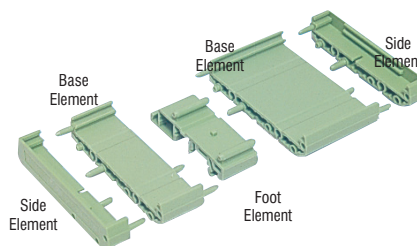


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72mm Series - UMK



The modules are quickly assembled from a small number of standard parts and enable circuit boards to be snapped on to all DIN EN mounting rails. Moulded from green 6.6 polyamide.



Overall height in DIN rail =29.5 (DIN 3), 34.5 (DIN 1) Overall width=77
Overall length=22.5 (2 side elements) + base elements.

These modules are to fit circuit boards 72mm wide and 1.5mm thick. The length of the module is made up from two side elements, plus base elements as necessary. The foot elements are fitted into the assembly as required, and provide connection to the DIN rail.

	PCB Width	Mfrs. List No.	Order Code
Side element, 11.25mm	10	2970442 UMK-SE11.25-1	177-165
Base element, 11.25mm	11.25	2971535 UMK-BE11.25	177-166
Base element, 22.5mm	22.5	2970028 UMK-BE22.5	177-167
Base element, 45.0mm	45	2970015 UMK-BE45	177-168
Foot element	—	2970031 UMK-FE	177-169

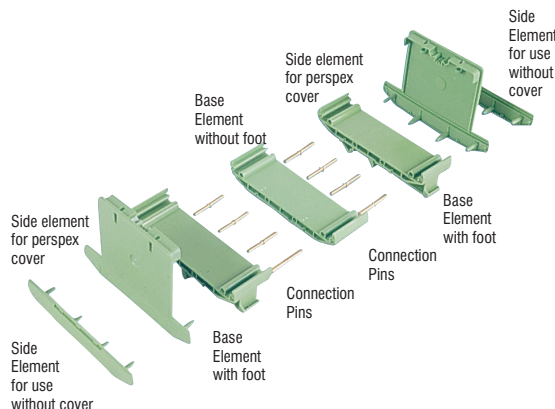
(e.g. Module using 1 45mm base element +2 side elements - length of PCB is 65mm).

210404

Price Each

	Order Code
Side element	177-165
Base element, 11.25mm	177-166
Base element, 22.5mm	177-167
Base element, 45.0mm	177-168
Foot element	177-169

108mm Series - UM



The modules are to fit circuit boards 108mm wide and 1.5mm thick. The length of the module is made up from two side elements, plus base elements as necessary. Four metal connection pins connect the individual base elements into a rigid unit. The base elements are available with or without integral foot element, the former to be used as required to provide connection to the DIN rail.

Overall height in DIN Rail
without cover=29.5 (DIN3), 34.5 (DIN
with cover=94.0 (DIN3), 96.5 (DIN)

Overall width=111
Overall length=5.0 (2 side elements)
+ base elements

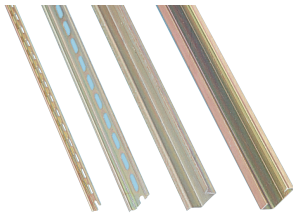
	PCB length	Mfrs. List No.	Order Code
Base element with foot, 35mm	—	2955564 UM-BEFE	177-171
Base element without foot, 35mm	—	2955577 UM-BE	177-172
Connection pin	—	2955580 UM-VS	177-173
Side element 2.5mm for no cover	—	2955593 UM-SE	177-170
Side element, 2.5mm for 73mm wide cover	—	2955603 UM-SE A73	179-013
73mm wide perspex cover 105mm long	107	2854885 UM-A/U CM	179-019

(e.g. Module using 2 base elements + 2 side elements - length of PCB is 72mm)

210405

	Order Code	Price Each
Base Components		
Base element with foot	177-171	
Base element without foot	177-172	
Order Multiple=5		
Connection pin	177-173	
Order Multiple=1		
Side Elements for:		
Use without cover	177-170	
73mm wide cover	179-013	
73mm Wide Cover		
105mm long	179-019	

Din Rails



TS15 TS35 TS35D TS32

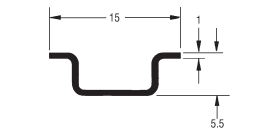
Rails conform to **DIN-NFC-CENELEC** standards.

The TS 15 rail has 12 x 4.2mm slots pitched at 20mm intervals and conforms to **EN50054 (DIN46277-2)**, **BS6273** manufactured in steel, zinc plate passivated. Short circuit capacity 47A.

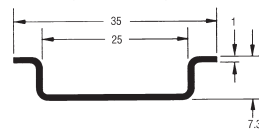
The TS35 rail has 18 M6 slots pitched at 25mm intervals and conforms to **EN50022 (DIN46277-3)**, **BS5584**. Short circuit capacity 87A.

The TS35D rail is unslotted and conforms to **DIN EN50022 (DIN46277-3)**, **BS5584**. Short circuit capacity 143A.

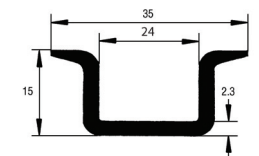
The TS32 rail is unslotted, and conforms to **EN50035 (DIN46277-1)**, **BS5825**. Short circuit capacity 143A.



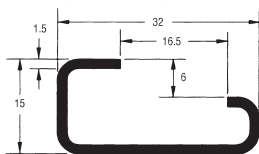
Symmetric 15 x 5.5 (MINI TOP HAT) TS15



Symmetric 35 x 7.5 (STANDARD TOP HAT) TS35



Symmetric 35 x 15 (DEEP TOP HAT) TS35D



Asymmetric 32 x 15 (G SECTION) TS32

229094

Price Each

0.5m Lengths	Order Code	Price Each
Mini Top Hat	177-126	
Standard Top Hat	103-727	
Deep Top Hat	176-990	

Price Per Pack

Pack of 5 x 2m Lengths	Order Code	Price Per Pack
Mini Top Hat	113-1739 ●	
Standard Top hat	113-1738 ●	
Deep Top Hat	113-1740 ●	
G Section	113-1737 ●	

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