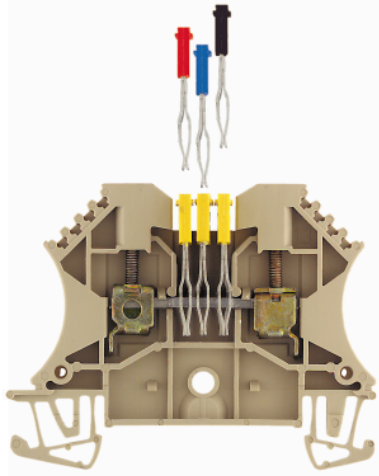
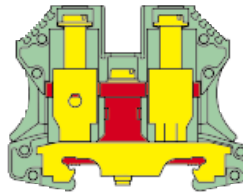


Terminals

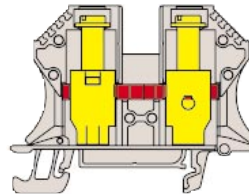
W-Series



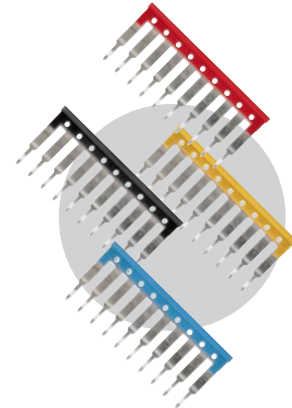
Pluggable cross-connections for
WDU 2.5 Page 2/4



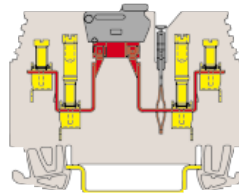
Installation terminal blocks
WPE 35 N Page 2/14



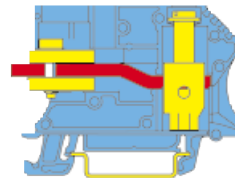
Installation terminal blocks
WDU 35 N Page 2/9



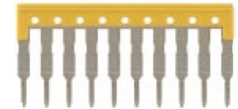
different colour versions
ZQV Cross-connections Page 2/5



Disconnect test terminal blocks
WTR 2.5/ZZ Page 2/23



Installation terminal blocks
WNT 35 N Page 2/17

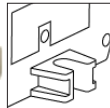


Cross-connections Page 2/4

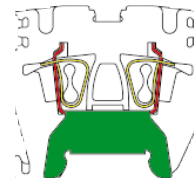
Z- Series Miniblocks in tension clamp technology



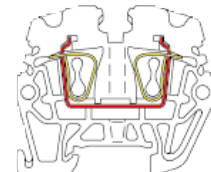
ZDUB 2.5-2 Direct mounting Page 2/57



ZDUB 2.5-2 TS15/TS35 Page 2/57



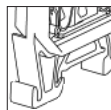
ZPEB 2.5-2/2AN TS15 Page 2/59



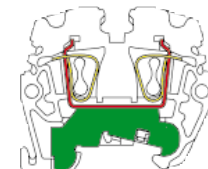
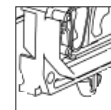
ZDUA 2.5-2 TS15 Page 2/59



ZDUB 2.5-2 TS15 Page 2/57



ZDUB 2.5-2 Rastclip Page 2/57

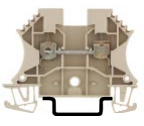



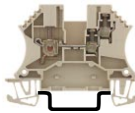



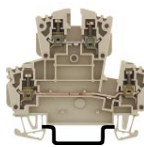




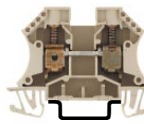

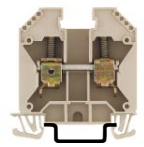
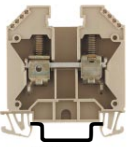
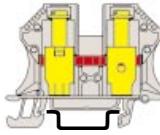

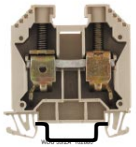



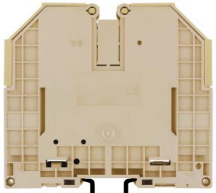



ZPEA 2.5-2 TS15 Page 2/59


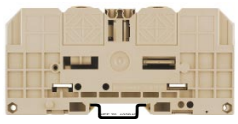
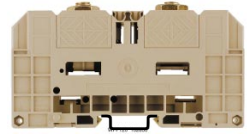

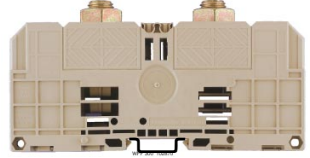
Terminals

W Series - Innovative terminals made of inflammable polyamide



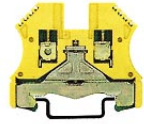








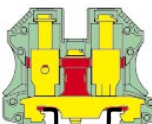



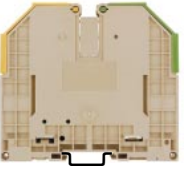
Feed-through terminal blocks in Wemid for TS 35

			
WDU 2.5		WDU 2.5/10	
Page 2/5		Page 2/5	
			
WDU 2.5N WDU2.5N/10/BEZ	WDU 1.5/ZZ	WDU 2.5/1.5/ZR	WDU 2.5 WDU 2.5/10/BEZ
Page 2/6	Page 2/6	Page 2/6	Page 2/6
			
WDK 2.5 WDK 2.5/10/BEZ		WDK 2.5 V WDK 2.5 DU-PE	
Page 2/7		Page 2/7	
			
WDK 2.5 800 V		WDK 2.5 E WDK 2.5 E GET.SCH.	
Page 2/7		Page 2/7	
			
WDU 4 WDU 4/10/BEZ	WMA 4/5 WMA 4/4	WDU 6 WDU 6/10/BEZ	WDU 10
Page 2/7	Page 2/8	Page 2/8	Page 2/8
			
WDU 16N		WDU 16	
Page 2/8		Page 2/9	
			
WDU 16ZA with lug	WDU 35N	WDU 35	WDU 35ZA with lug
Page 2/9	Page 2/9	Page 2/9	Page 2/9
			
WDU 70N			
Page 2/9			
			
WDU 70/95	WDU 70/95/... Block of three	WDU 120/150	WDU 120/150/... Block of three
Page 2/10	Page 2/11	Page 2/11	Page 2/11


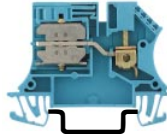
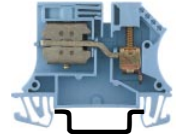
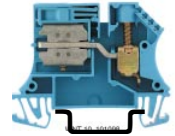
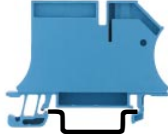
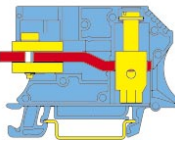

Tab connection terminals in Wemid for TS 35

				
WFF 35 M 6	WFF 70 M 8	WFF 120 M10	WFF 185 M 12 / WFF 185 M 16 M 12 / M 16	WFF 300 M 16
Page 2/12	Page 2/12	Page 2/13	Page 2/13	Page 2/13









Protective conductor terminal blocks in Wemid for TS 35

							
WPE 2.5N	WPE 1.5/ZZ	WPE 2.5	WPE 2.5/1.5/ZR	WDK 2.5 PE	WDK 2.5 DU-PE	WPE 4	WPE 6
Page 2/14	Page 2/14	Page 2/14	Page 2/14	Page 2/15	Page 2/15	Page 2/15	Page 2/15
							
WPE 10	WPE 16N	WPE 16	WPE 35N	WPE 35	WPE 70N	WPE 70/95	WPE 120
Page 2/14	Page 2/14	Page 2/14	Page 2/14	Page 2/15	Page 2/15	Page 2/15	Page 2/15






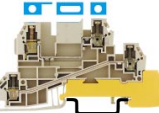

Isolating neutral terminal blocks in Wemid for TS 35

						
WNT 2.5	WNT 4	WNT 6	WNT 10	WNT 16N	WNT 35 N	WNT 70N
Page 2/16	Page 2/16	Page 2/16	Page 2/16	Page 2/17	Page 2/17	Page 2/17

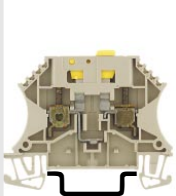
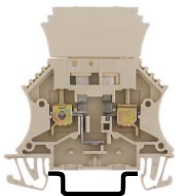
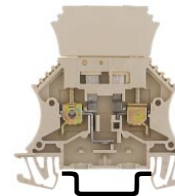
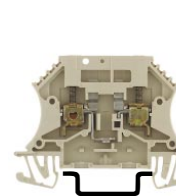
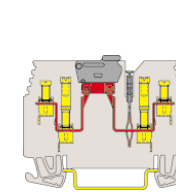
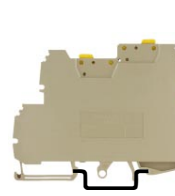
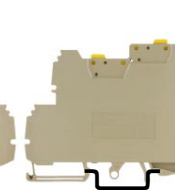

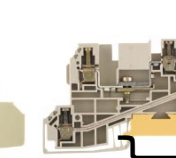
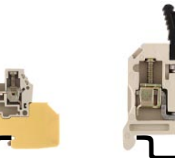

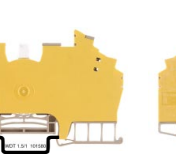
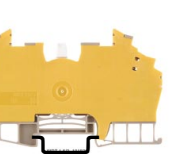
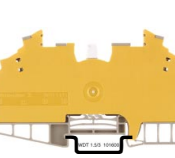
Three-way terminal blocks in Wemid for TS 35 with 10 x 3 N-Ssch

							
WDL 2.5 S/NT/L/PE	WDL 2.5 S/L/L	WDL 2.5 S-Blocks	WDL 2.5 S/N	WDL 2.5 S/L	WDL 2.5 S/N/L	WDL 2.5 S/N/L/PE	WDL 2.5 S/L/L/PE
Page 2/18	Page 2/18	Page 2/19	Page 2/19	Page 2/19	Page 2/19	Page 2/19	Page 2/19

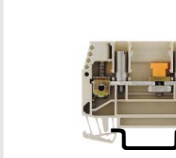

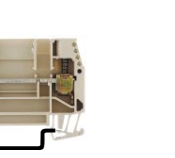
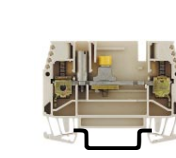

Three-way terminal blocks in Wemid for TS 35 with WQV 4 N-cross-connection system

						
WDL 2.5 NT/L/PE	WDL 2.5 L/L	WDL 2.5 N	WDL 2.5 L	WDL 2.5 N/L	WDL 2.5 N/L/PE	WDL 2.5 L/L/PE
Page 2/20	Page 2/20	Page 2/21	Page 2/21	Page 2/21	Page 2/21	Page 2/21

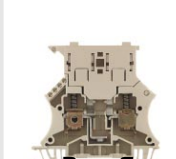
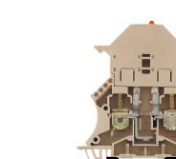


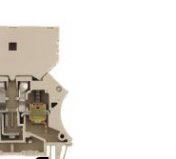
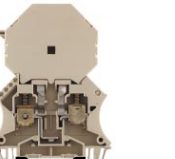
Disconnect test terminal blocks in Wemid

						
WTR 2.5 Take-out disconnect	WTR 2.5 D with diode plug	WTR 2.5 D with diode plug and socket type StB 2.3	WTR 2.5 without breaker	WTR 2.5/ZZ	WDTR 2.5	WDTR 2.5/WE
Page 2/22	Page 2/22	Page 2/22	Page 2/22	Page 2/23	Page 2/23	Page 2/23
						
WDL 2.5TR-DU-PE	WDL 2.5TR-DU	SAK 4/35	WDT 1.5/1 current measuring	WDT 1.5/2 insulation measuring	WDT 1.5/3 insulation measuring	WDT 1.5/3 insulation measuring
Page 2/23	Page 2/23	Page 2/23	Page 2/24	Page 2/24	Page 2/24	Page 2/24



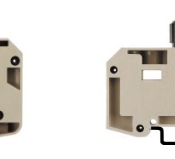
Disconnect test terminal in wemid for TS 35 and TS 32

				
WTL 6/1/STB Longitud. disconnect	WTD 6/1 Feed-through	WTQ 6/1 Cross disconnect	WTL 6/2 Longitud. disconnect	WTL 6/3/STB Safety socket
Page 2/30	Page 2/30	Page 2/31	Page 2/31	Page 2/31


Fuse terminals in Wemid for TS 35

					
WSI 6 for metric fuses	WSI 6 LD with LEDs for VAC/VDC	WSI 6/2 LD with 2 LEDs for VDC	WSI 6/2 for inch fuses	WSI 6/2 / LED for inch fuses VAC/VDC	WSI 6/2 / 2 LED's for inch fuses VDC
Page 2/32	Page 2/32	Page 2/32	Page 2/32	Page 2/33	Page 2/33

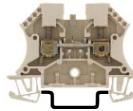
Fuse terminals in Wemid for TS 35

		
SAKS 4/35 für D 01-fuses E 14	SAKS 2/35 für D-fuses E 16	SAKS 5/35 für D 02-fuses E 18
Page 2/33	Page 2/33	Page 2/33

Thermocouple terminals

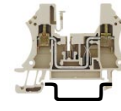

WDT 2.5/TC Types K,T,J,S+R,B,E
Page 2/34

Terminals with plug-in connection WSA



WDU 4 SA
400 V
Page 2/35

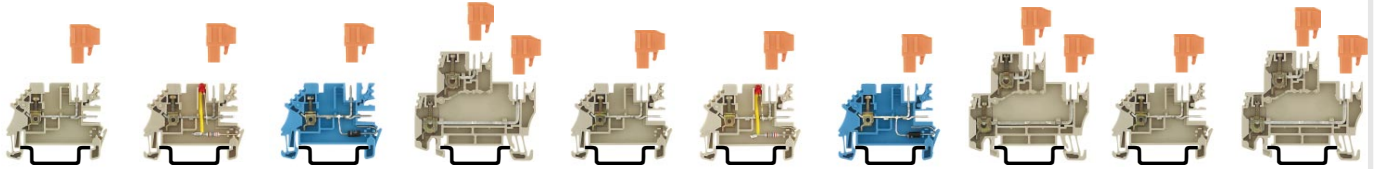
Terminal housing to take electronic components



WPO

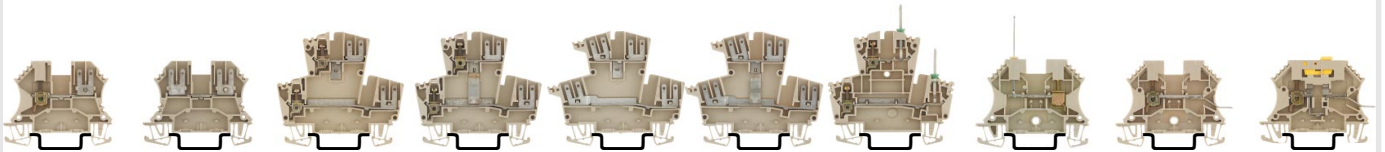
Page 2/35

Feed-through terminal blocks in Wemid for BLA/BLZ plug-in connectors



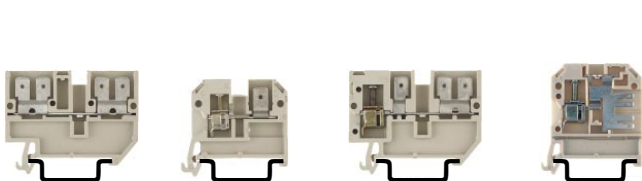
WDU 1.5/BLA	WDU 1.5/LD/BLA	WDU 1.5 R/BLA	WDK 2.5 BLA R 5.08	WDU 1.5 BLZ 5.08	WDU 1.5/BLZ/LD/5.08	WDU 1.5/BLZ/R 5.08	WDK 2.5/BLZ/R 5.08	WDU 2.5/BLZ R 7.62	WDK 2.5/BLZ R 7.62
	with LED red	blue	250 V		with LED red	blue	250 V	400 V	400 V
Page 2/36	Page 2/36	Page 2/36	Page 2/36	Page 2/37	Page 2/37	Page 2/37	Page 2/37	Page 2/37	Page 2/37

Feed-through terminals with solder, tab, Termipoint® and Wire-wrap® connection in Wemid for TS 35



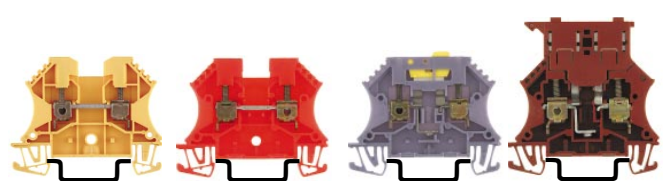
WDU 2.5 F	WDU 2.5 FF	WDK 2.5 F	WDK 2.5 FV	WDK 2.5 FF	WDK 2.5 FFV	WDK 2.5 T	WDU 2.5 T	WDU 2.5 L	WTR 2.5 L
						WDK 2.5 TT		WDU 2.5 LL	WTR 2.5 LL
Page 2/38	Page 2/38	Page 2/38	Page 2/38	Page 2/39	Page 2/39	Page 2/39	Page 2/39	Page 2/39	Page 2/39

Feed-through terminals with tab-connection



AST 1	AST 4	AST 5	SAK 4 S/35 SAK 4 SS/35
Page 2/40	Page 2/40	Page 2/40	Page 2/40

Terminal blocks coloured






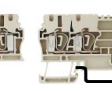













WDU 2.5	WDU 4	WTR 2.5	WSI 6
Page 2/41	Page 2/41	Page 2/41	Page 2/41

Terminals



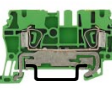


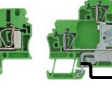




Z Series - Innovative terminals with tension clamp connection

Feed-through terminals in Wemid for TS 35

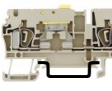

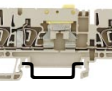

									
ZDU 2.5-2/3AN	ZDU 2.5-2/4AN	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5/2 x 2 AN	ZDU 2.5	ZDU 2.5	ZDU 4	ZDU 6
		ZDU 2.5/10	ZDU 2.5/3AN/10	ZDU 2.5/4AN/10	ZDU 2.5/2 x 2 AN/10	2 x 2 AN/D	2x2 AN/LD	ZDU 4/10	ZDU 6/10
Page 2/44	Page 2/44	Page 2/44	Page 2/44	Page 2/45	Page 2/45	Page 2/45	Page 2/45	Page 2/45	Page 2/45

						
ZDK 2.5/1.5	ZDK 2.5/1.5 V	ZDK 2.5/1.5 N-DU	ZDK 2.5/1.5 DU-PE	ZDK 2.5/1.5 N-PE	ZDK 2.5/1.5/LD/1	ZDK 2.5/1.5/D/1...6
					ZDK 2.5/1.5/LD/2	
Page 2/46	Page 2/46	Page 2/46	Page 2/46	Page 2/47	Page 2/47	Page 2/47



Protective earth terminals in Wemid for TS 35

									
ZPE 2.5-2/3AN	ZPE 2.5-2/4AN	ZPE 2.5	ZPE 2.5/3AN	ZPE 2.5/4AN	ZDK 2.5/1.5 PE	ZDK 2.5/1.5 DU-PE	ZDK 2.5/1.5 N-PE	ZPE 4	ZPE 6
Page 2/48	Page 2/48	Page 2/48	Page 2/48	Page 2/49	Page 2/49	Page 2/49	Page 2/49	Page 2/49	Page 2/49

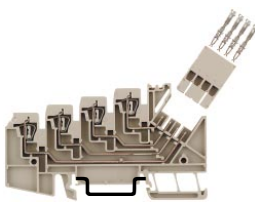

Disconnect test terminals in Wemid for TS 35

			
ZTR 2.5	ZTR 2.5/3 AN	ZTR 2.5/D	ZTR 2.5/3 AN/D
Page 2/50	Page 2/50	Page 2/50	Page 2/50



Fuse terminals in Wemid for TS 35

	
ZSI 2.5	ZSI 2.5/2
for metric fuses	for inch fuses
Page 2/51	Page 2/51

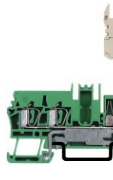

Terminals with plug-in connector

	
ZRV 1.5 mit STGH ZRV 1.5	ZRV 1.5PE mit STGH ZRV 1.5/PE
Page 2/53	Page 2/53



Feed-through terminal with connector socket

	
ZKBD 2.5/1.5	ZKSD 2.5/1.5
with ZSLD or SLZF	with ZBLD or BLZF
Page 2/54	Page 2/54

Protective earth terminal with connector socket

	
ZKBD 2.5/1.5 PE	ZKSD 2.5/1.5 PE
with ZSLD or SLZF	with ZBLD or BLZF
Page 2/55	Page 2/55

Feed-through terminal with connector socket

	
ZDKS	ZDKB
with BLZF	with SLZF
Page 2/56	Page 2/56

Miniblock terminals



ZDUB 2.5-2/2AN
Direct mounting
Page 2/58



ZDUB 2.5-2/4AN
Direct mounting
Page 2/58



ZDUB 2.5-2/2AN
Snap-in clips
Page 2/58



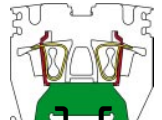
ZDUB 2.5-2/4AN
Snap-in clips
Page 2/58



ZDUB 2.5-2/2AN
TS 15
Page 2/59

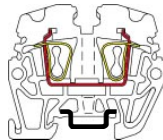


ZDUB 2.5-2/4AN
TS 15
Page 2/59

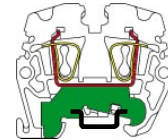


ZPEB 2.5-2/2AN
TS 15
Page 2/59

New miniature terminals in tension clamp technology with modular terminal block features



ZDUA 2.5-2
TS 15 / available Sep. 97
Page 2/59



ZPEA 2.5-2
TS 15 / available Sep. 97
Page 2/59

Accessories for the Z Series



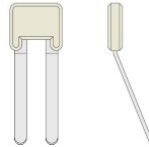
ZZA 2.5
Additional connection
Page 2/60



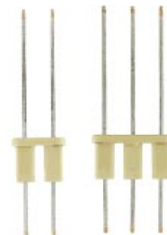
ZBW
Spring displacer
Page 2/60



ZST
Mounting block
Page 2/60



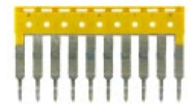
ZQB 2.5
Cross-connection bridge
Page 2/60



SFEH
Wrap pins
Page 2/61



ZDUS
Shielded cable terminal
Page 2/61



ZQV 2.5/50
Cross-connection
Page 2/61

Modular terminals: ZIK-ZAK - with integrated cross-connection for connecting initiators and actuators



ZIA 1,5/3 L
ZIA 1,5/4 L
Terminal base 3-way / 4-way
Page 2/64



ZIA 1,5/3 L-BE
ZIA 1,5/4 L-BE
Terminal base 3-way / 4-way
Page 2/65

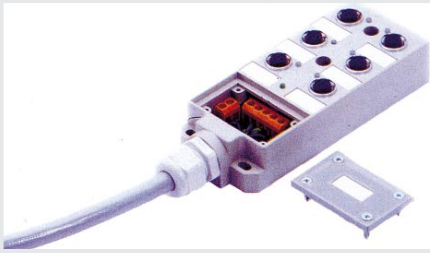


ZVL 1.5
Distribution strip
Page 2/67



ZPV 1.5
Page 2/67

SAI distributor family



SAI- (4...6...8) K / SAI- (4...6...8) S
Pluggable screw connection for bus line
Page 2/68



Miniature circular connectors
SAIS-5/7
Page 2/69

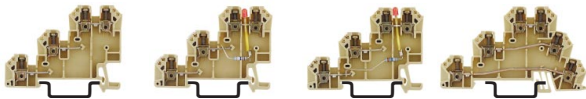


Miniature circular connectors
SAISW-5/7
Page 2/69

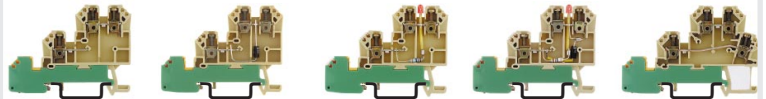
DL-, VL series

Innovative terminals with several connection levels

Feed-through terminals for initiators and actuators



DLI 2.5	DLI 2.5/LD with LED (NPN)	DLI 2.5/LD with LED (PNP)	DLD 2.5
Page 2/70	Page 2/70	Page 2/70	Page 2/70



DLA 2.5	DLA 2.5/D with Diode	DLA 2.5/LD with LED	DLA 2.5/LD/D with LED+Diode	DLD 2.5/PE
Page 2/71	Page 2/71	Page 2/71	Page 2/71	Page 2/71

Feed-through terminals for initiators and actuators



KDKS 1/PE	VLI 1.5	VLI 1.5/PE
Page 2/71	Page 2/72	Page 2/72

Feed-through terminals for motors



MAK 2.5
Page 2/72

SAK series

Standard feed-through terminals for TS 32

Feed-through terminals in PA 66 for TS 32



SAKD 2.5 N 5 mm width	SAK 2.5 6 mm width	SAKD 4	DK 4 Q	DK 4 QV	SAK 6 N	SAK 10
Page 2/74	Page 2/74	Page 2/74	Page 2/74	Page 2/75	Page 2/75	Page 2/75



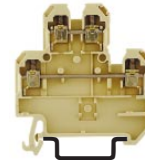
SAK 16	SAK 35 N	SAK 35	SAK 70	SAK 95
Page 2/75	Page 2/76	Page 2/76	Page 2/76	Page 2/76

Feed-through terminals for thermocouples



SAK 2.5 TC

Page 2/78



DK 4 TC

Page 2/78

Stud terminals in KrG for TS 32



SAKG 28 I

M 6

Page 2/79



SAKG 28 II

M 6

Page 2/79



SAKG 28 II G

M 6

Page 2/80



SAKG 28 III

M 6

Page 2/80



SAKG 32 I

M 8

Page 2/80



SAKG 32 II

M 8

Page 2/80



SAKG 32 II G

M 8

Page 2/81



SAKG 32 III

M 8

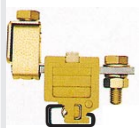
Page 2/81



SAKG 70 II G

M 8

Page 2/81



SAKG 40 I

M 10

Page 2/81



SAKG 40 II

M 10

Page 2/81



SAKG 40 II G

M 10

Page 2/81



SAKG 40 III

M 10

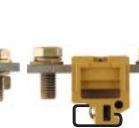
Page 2/82



SAKG 46 II

M 12

Page 2/82



SAKG 46 II G

M 12

Page 2/82



SAKG 54 II

M 16

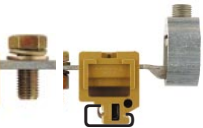
Page 2/82



SAKG 54 II G

M 16

Page 2/83



SAKG 46/I AL

M 12/M14

Page 2/83

Stud terminals in KrG for TS 32



SS 6

M 6

Page 2/84



SS 8 / SS 10

M 8 / M 10

Page 2/84



SS 12

M 12

Page 2/84



KST 5

M 5

Page 2/85



KST 6

M 6

Page 2/85



KST 8

M 8

Page 2/85



KST 10

M 10

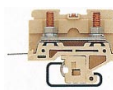
Page 2/85



KST 12

M 12

Page 2/85



ST 5 / STSL 5

with / without solder connection

Page 2/85

PE terminals in PA 66 for TS 32



EK 2.5 N

Page 2/86



EK 4

Page 2/86



EK 10

Page 2/86



EK 16

Page 2/86



EK 35

Page 2/87



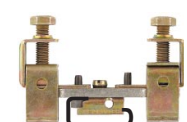
EK 2
10 mm²

Page 2/87



SAKE 35

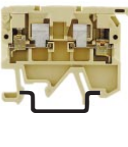

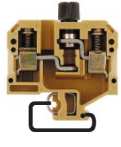
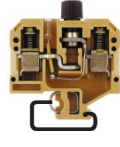
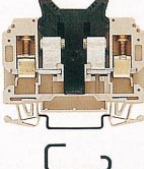
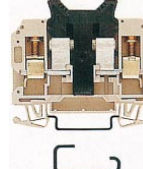
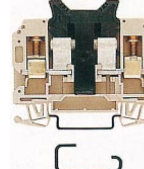





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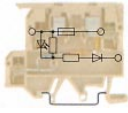
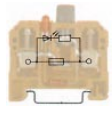
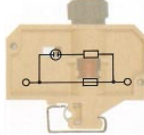
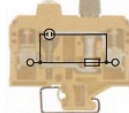
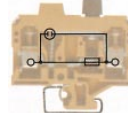
SAKE 70

Page 2/87


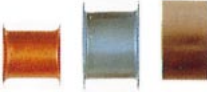
Fuse terminals for TS 32

						
ASK 1 5 x 20 Page 2/88	KDKS 1 5 x 20 + Durchg.-Ebene Page 2/88	SAKS 1 / SAKS 1/35 5 x 20 Page 2/88	SAKS 1/G 25 Neon lamp 5 x 25 Page 2/88	KSKM 1 5 x 20 SBL Page 2/89	KSKM 2 1 x 1/4" SBL Page 2/89	KSKM 3 1 1/4 x 1 1/4" SBL Page 2/89
						
SAKS 3 1 1/4x1/4", 5X30 Page 2/90	SAKS 4 • SAKS 4/35 Neozed D 01 Page 2/90	SAKS 5 • SAKS 5/35 Neozed D 02 Page 2/90	SAKS 2 Diazed E 16 Page 2/91	SAKS 4 USA, Frankr. 10,3x38,1 Page 2/91		



Fuse terminals with indicator

					
ASK 1 LD Page 2/91	KDKS 1 Page 2/91	SAKS 1 Page 2/92	SAKS 4 Page 2/92	SAKS 6 Page 2/92	SAKS 7 Page 2/92




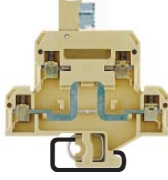

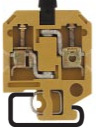
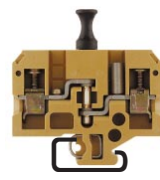
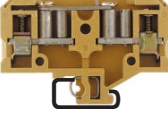

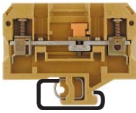
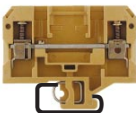

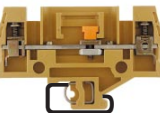


Fuse cartridges and gauge rings for Weidmüller fuse terminals

	
Fuse cartridges Page 2/93	gauge rings Page 2/93

Pressure connectors for TS 32

	
SV 2 Page 2/94	SV 3 Page 2/94

Disconnect terminals for TS 32

							
SAKR 4 mm ² Page 2/95	SAKR-D with diode plug DLS 2 Page 2/95	DKT 4 Page 2/95	DKT 4 V Page 2/95	ASK 1 Page 2/95	SAKC 4 / SAKC 4/35 4 mm ² Page 2/96	SAKC 10 / SAKC 10/35 10 mm ² Page 2/96	
							
SAKA 10 Page 2/96	SAKB 10 Page 2/96	SAKT 1/LT Lateral disconnection Page 2/97	SAKT 1/DU 1 Feed-through Page 2/97	SAKT 1/QT 1 Cross-disconnection Page 2/97	SAKT 2/LT Lateral disconnection Page 2/97	SAKT 4/LT Page 2/98	SAKT 4/DU Feed-through Page 2/98

Feed-through and disconnect terminals with solder-, tab-, Termipoint®- and Wire-wrap®-connection

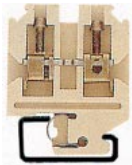
						
AST 1	AST 3	AST 4	AST 5	SAK 4 S	SAK 4 SS	SAKR F
Page 2/99	Page 2/99	Page 2/99	Page 2/99	Page 2/100	Page 2/100	Page 2/100
						
DK 4 S	DK 4 S	SAK 2.5 T	SAK 2.5 T	SAK 2.5 T		
Page 2/101	only 2,8 mm Page 2/101	1 x 1 Pin Page 2/102	0,8 x 1,6 Pin Page 2/102	0,8 x 2,4 Pin Page 2/102		
						
DK 4 T / DK 4 QT	DK 4 T / DK 4 QT	DK 4 T / DK 4 QT	SAKR T	SAK 2.5/M.LS	SAK 2.5 L	SAK 2.5 LL
1 x 1 Pin Page 2/103	0,8 x 1,6 Pin Page 2/103	0,8 x 2,4 Pin Page 2/103	1x1, 0,8x1,6, 0,8x2,4 Page 2/103	with shield connection Page 2/105	Page 2/105	Page 2/105
						
SAKR L	SAKR L	SAKR L	SAKR LL	SAKR LL	TAL	TAL
with Disconnecter Page 2/105	with 1 x StB. ø 2,3 mm Page 2/106	with 2 x StB. ø 2,3 mm Page 2/106	with Disconnecter Page 2/106	with 2 x StB. ø 2,3 mm Page 2/106	Disconn., 2 solder conn. Page 2/107	Disconn., 4 solder conn. Page 2/107

Rack mounted interface system

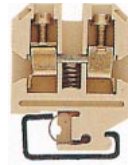


AVR 4/10
0,8x1,6 + 0,8x2,4
Page 2/104

Ceramic feed-through terminals for use in high temperature ranges up to max. 210°C



SAKK 4
for TS 32
Page 2/107



SAKK 10
for TS 32
Page 2/107











Feed-through terminals for temperature measuring circuits / AKZ-series for TS 15







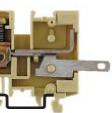
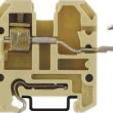
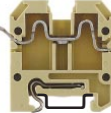





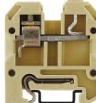

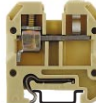





AKZ 4/TC
Page 2/114

AKZ series

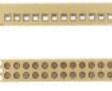

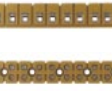
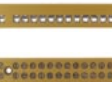





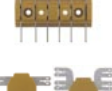

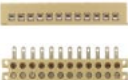

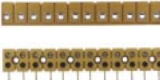
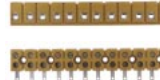
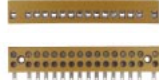
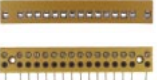
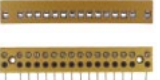
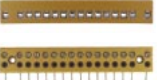
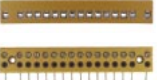
Feed-through terminals for space saving assembly

Feed-through-, PE-, Fuse- and Disconnect terminals for TS 15				
				
AKZ 1.5	AKZ 2.5	AKZ 4	AKZ 4 for test adapter	AK 4 • AK 4/10
Page 2/108	Page 2/108	Page 2/108	Page 2/108	Page 2/109
				
AKE 2.5	AKE 4	AKE 4 MS	ASK 1 5 x 20	SAKR 2 x StB ø 2,3 mm
Page 2/109	Page 2/109	Page 2/109	Page 2/109	Page 2/109

Feed-through terminals with solder-, tab-, Termipoint®- and Wire-wrap®-connection									
									
AKZ 4 SS 6,3 mm slotted	AKZ 4 SS 4 x 2,8 mm	AKZ 4 S Srew-2x2,8mm	AKZ 4 SF	AL 1	AKZ 1.5 L	AKZ 2,5 K	AKZ 4 L	AKZ 4 LL Pin 0,8 x 1,6	AKZ 1,5 T Pin 1 x 1
Page 2/110	Page 2/110	Page 2/110	Page 2/110	Page 2/111	Page 2/111	Page 2/111	Page 2/111	Page 2/111	Page 2/112
									
AKZ 1,5 T Pin 0,8 x 1,6	AKZ 2,5 K Pin 0,8 x 1,6	AKZ 2,5 K Pin 0,8 x 1,6	AKZ 2,5 K Pin 0,8 x 1,6	AKZ 4 T 1 x 1	AKZ 4 T 0,8 x 1,6	AKZ 4 T 0,8 x 2,4	AKZ 4 T 0,8 x 2,4	AKZ 4 ST 0,8 x 1,6	AKZ 4 ST 0,8 x 1,6
Page 2/112	Page 2/112	Page 2/113	Page 2/113	Page 2/113	Page 2/113	Page 2/113	Page 2/113	Page 2/113	Page 2/113

MK-, BK series

Multipole terminal blocks and Feed-through terminals for direct mounting

Multipole terminal blocks for direct mounting									
									
MK 2/12 2,5 mm ²	MK 10/14 2,5 mm ²	MK 3/12 2,5 mm ²	MK 4/16 2,5 mm ²	MK 5/2 2,5 mm ²	KS 2 ... 10 2,5 mm ²	BK 2 ... 12 4 mm ²	MK 6/2 ... 6/6 6 mm ²	MDM 10/1	MF 1/6 ... 1/12 also with single tab
Page 2/115	Page 2/115	Page 2/115	Page 2/115	Page 2/116	Page 2/116	Page 2/116	Page 2/116	Page 2/117	Page 2/117
									
SLS 2 4+2poles	MKL 2/12	MF 2/12	MKL 3/12 2-12poles vertical	MKL 3/12 2-12poles horizontal	MKL 4/16 horizontal	MKL 4/16 horizontal	MKL 4/16 horizontal	MKL 4/16 horizontal	MKL 4/16 vertical
Page 2/117	Page 2/118	Page 2/118	Page 2/118	Page 2/118	Page 2/118	Page 2/118	Page 2/118	Page 2/118	Page 2/118










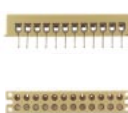
MK-, BK series

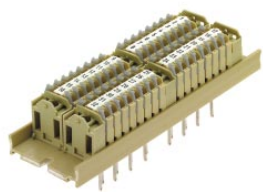


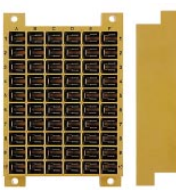

Multipole terminal blocks, Screw, solder, tab connection modular design

Feed-through and fuse terminals for Screw connection		
		
AKB 4	AKZ 2.5	ASK 1
Page 2/119	Page 2/119	5 x 20 Page 2/119

ADK series







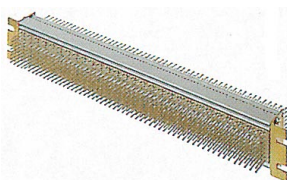
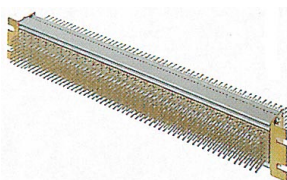
Feed-through terminals for sheet metal-cut-out mounting

Feed-through terminals with solder-, tab-, Termipoint®- and Wire-wrap®-connection									
									
AKA 2.5	ADK 1	ADK 1 F / 3 F	ADK 1 S	ADK 3 W	ADK 1 T	ADK 2.5 K	ADK 2.5 K	ADK 1 FT	MK 2/12
Page 2/120	Page 2/120	Page 2/120	Page 2/120	Page 2/121	Page 2/121	Page 2/121	with Solder tag Page 2/121	Page 2/121	Page 2/121

Rack mounted interface systems				
				
DSG 1.5 T/32	TOP 1.5 F/32	SP 10 FF / SP 10 LF	SP 60 FF / SP 60 LF	SP 90 FF / SP 90 LF
2 x Direct, 1 x 0,8 x 1,6 Page 2/122	Top-Screw - 0,8 x 2,8 Page 2/122	3 x 0,8x6,3 - 3 x 0,8x6,3 Page 2/122	3 x 0,8x6,3 - 3 x 0,8x6,3 Page 2/122	3 x 0,8x6,3 - 3 x 0,8x6,3 Page 2/123

RV series

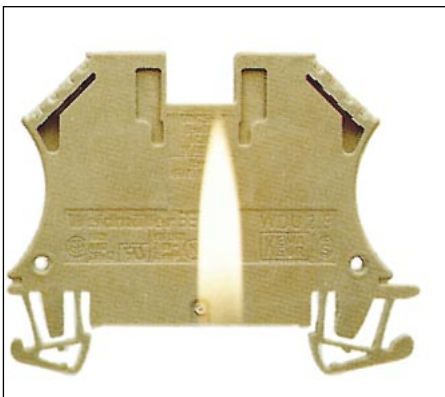
Interface system for high density wiring

Rack mounted interface systems							
							
RSV 8/8 long	RV 8/8 long	RV 8/8 short	RV 8/8 short	RV 8/9 long	RV 8/20 short	RV 8/56 short	RV 8/56 short
64x0,8x2,4 - 1x1 Page 2/124	64x0,8x2,4-0,8x2,4 Page 2/124	64x0,8x2,4 - 1x1 Page 2/124	64x0,8x2,4-0,8x2,4 Page 2/124	72x0,8x2,4 - 1x1 Page 2/124	160x0,8x2,4 - 1x1 Page 2/124	448x0,8x2,4 - 1x1 Page 2/124	448x0,8x2,4 - 0,8x2,4 Page 2/124

Advantages of Weidmüller terminal blocks

30 years of Weidmüller's know-how were put into the **Weidmüller W series**. The result is a new system, that defines a new standard ...

- compact design
- same dimensions in a range from 2,5 - 16 mm², features a.o. disconnect and fuse functions
- easy project planning



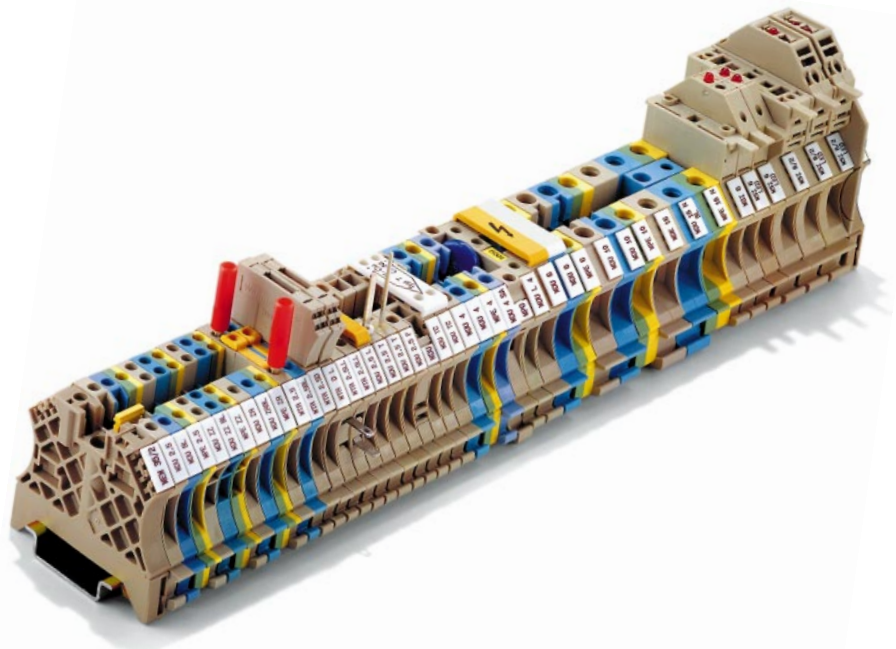
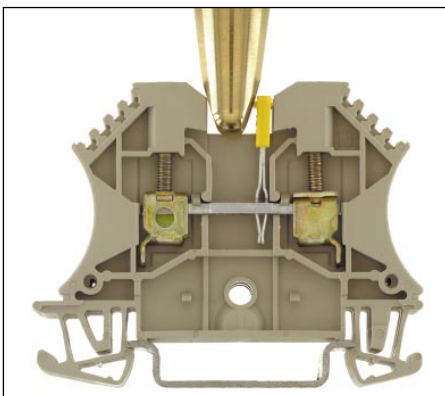
Common features of all variants are:

Wemid insulating material

- Non-tracking – CTI 600
- Temperature resistant – 120 °C
- Self-extinguishing – VO according to UL
- No harmful substances

New design of terminal blocks supports ease of installation and wiring.

- Recessed grips in the area of conductor entry funnels – ergonomic design feature!
- Standard overall dimensions reduce accessories.
- Restricted conductor guidance in the open clamping unit through conical entry funnel.



Absolute shock protection with conductors connected; for feed-through terminals also with cross connections. Safe from finger-touch according to VDE 0106, part 100.

Reliable conductor connection through proven design features.

- High contact force
- long-term stable contact point
- Mechanical and electrical functions safely separated by special design; vibration resistant
- Wide clamping range; also suitable for two conductors (W-series); rated cross-section also connectable with ferrule
- Corrosion-resistant copper current bar with tin-lead plated surface; low voltage drop; no risk of stress corrosion cracking
- Open clamping unit with polarizing protection
- Quick and easy conductor connection

Types of connection

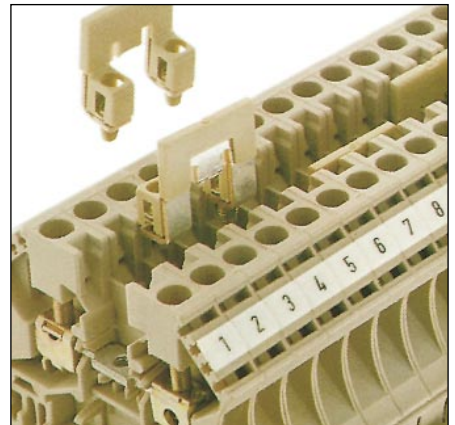
- Clamping yoke system
- Tension spring connection
- Push-on connection
- Wire-wrap connection®
- TERMI-POINT connection®
- Solder connection

Clear marking of incoming and outgoing conductors with **dekafix** and **WS 10/ WS 12**

Cross connection system

- Prefitted units 2, 3, 4 and 10-pole.
- Shock protected without accessories.
- Captive fixing screws; screwdriver guide provided by recessed arrangement (W-series).
- Snap-fitting in terminal insulator; easy overhead installation.
- Connecting links can be broken off; terminal skipping possible.

- Staggered arrangement in terminal insulator; parallel routing of two potentials possible.
- No end plates or partition plates for adjacent cross connections up to 380 V.
- The full rated current of the terminal can be conducted over all pole numbers.

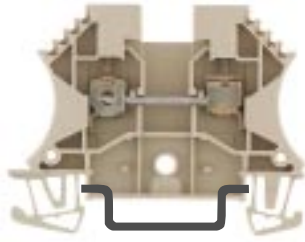


All approvals

- SEV Switzerland
- CSA Canada
- UL USA
- NEMKO Norway
- DEMKO Denmark
- SEMKO Sweden
- KEMA Netherlands
- SETI Finland approvals
- L.C.I.E. EX approvals
- Naval approvals

Wire-Wrap® = registered trademark of the company Gardner Denver

TERMI-POINT® = registered trademark of the company AMP

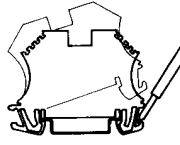
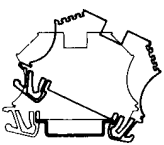


This series has **versions** for conductors up to 150 mm².

- Only two different end plates.
- The larger end plate can be used as a partition for the smaller terminals.
- Both end plates latch tightly onto the terminals.

Because of its clearly reduced external dimensions, the WDU 1.5 is particularly suitable for confined spaces. This small design does, however, make parallel cross-connection impossible and a separate end plate is needed.

Assembly and removal



latch on

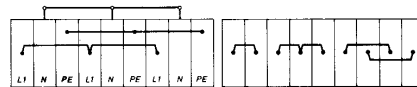
latch off

The terminals can be moved along the mounting rail with little effort. This is advantageous because it allows the position of a terminal strip to be easily matched to local conditions.

End brackets fitted on the left and right prevent undesired displacement and securely position the terminals. End brackets can also accept marking tags and thus be used for group marking.

The new **cross-connection** system offers particular advantages.

- Pre-assembled units with 2, 3, 4 and 10 poles.
- Shock-hazard protection according to VBG 4 or VDE 0106 Part 100/3.83 without additional components.
- Captive fixing screws. Screwdriver guidance through countersunk arrangement.
- Engageable in terminal moulding – simple overhead assembly.
- No end plates or partitions for neighbouring cross-connection up to 400V.
- The full terminal rated current can be fed across all numbers of poles.
- Snap-off connection tags - skipping of terminals is possible.
- Offset arrangement in terminal moulding – parallel use of 2 potentials possible



Combination
Feed-through terminals
for L1, N disconnect
and PE terminals

Simple **Parallel**
Arrangement of
2 potentials

This **cross-connection system** cannot only be employed with feed-through terminals, but also in combination with PE terminals and N-disconnect terminals. Extremely economical terminal strips can be assembled in this way.

Although each individual terminal block is shock-hazard protected **with and without** cross-connection, **covers** with high voltage flash DIN 30600 can be snap-fitted for all terminals up to 150 mm² rated cross-section; a **group tag carrier** can also be fitted as an alternative.

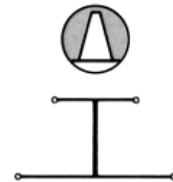
- Marking of live terminals.
- Absolute shock protection is guaranteed.
- Practical identification of functional groups in addition to terminal marking.
- Three systems available for terminal marking - up to 10 characters possible.

Weidmüller **double deck terminals** permit high wiring density despite their narrow width. The number of terminal points can be doubled by exchanging for 5 mm-wide standard terminals, without lengthening the mounting rail.

Weidmüller double deck terminals have the following wiring advantages:

- Cross-connections possible in one or both levels.
- Current bar connection between upper and lower level optional.
- Individual terminals replaceable without moving neighbouring terminals
- Clear identification of individual terminals
- For potential multiplication in confined spaces we recommend, for example, Weidmüller double deck terminals with current bar connection between the upper and lower levels.

These terminals can be recognised by the V-shaped groove in the terminal moulding.



An additional feature is the letter **V** in the type designation, such as

– WDK 2.5 **V**

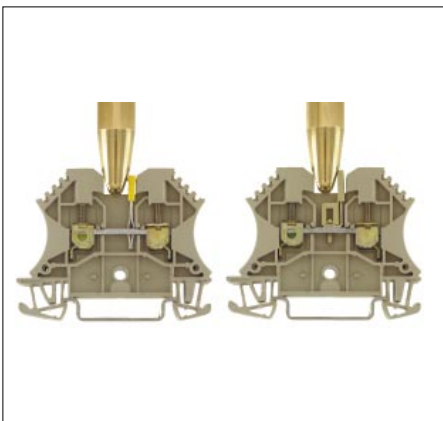
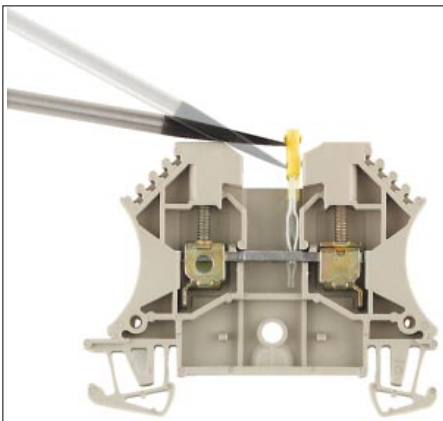
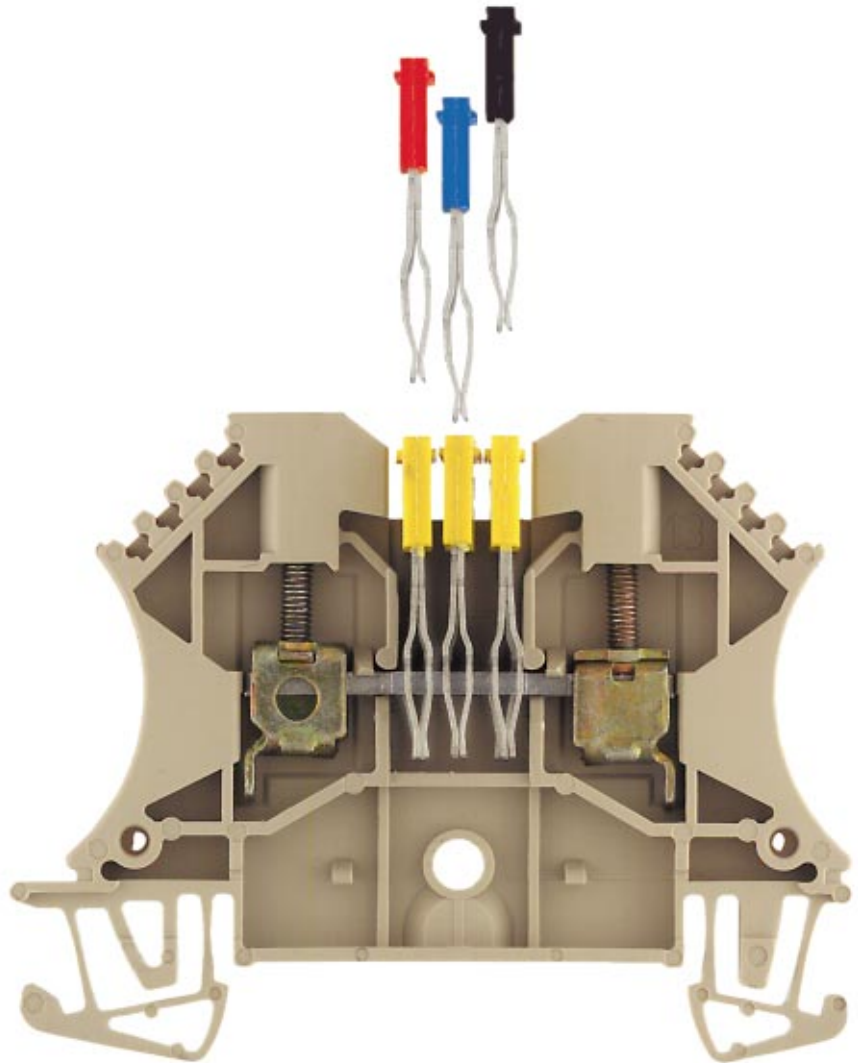
Cat.No. 102230

**Pluggable cross-connection
system for bestseller WDU 2.5**

Cat. No. 102000

40 %

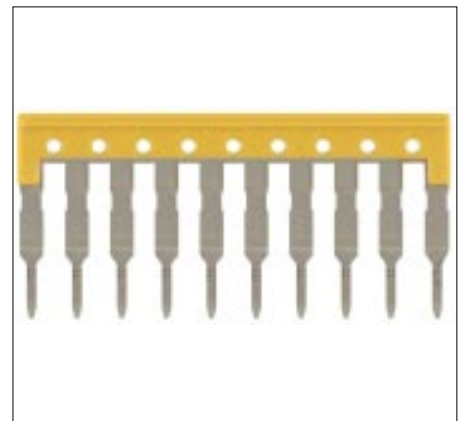
of all terminal blocks are cross-connected.
Considerable assembly time saving



Touch safe protection according
to VBG 4 and VDE 0106, Part 100 /3.83
without additional parts



No end plates or partitions for
neighbouring cross-connections
up to 400 V

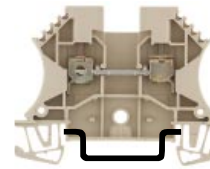


Contact elements can be removed
by hand, so that several terminals
can be skipped

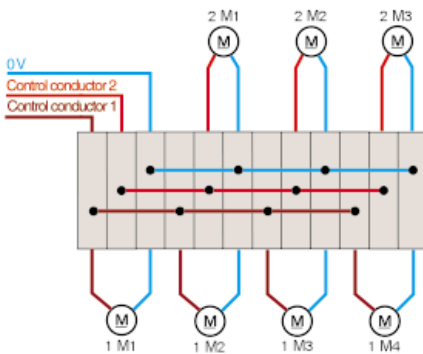
Feed-through Terminals

WDU 2.5

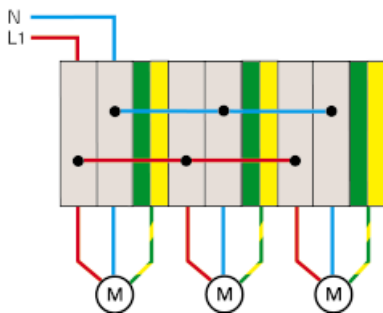
WDU 2.5/10



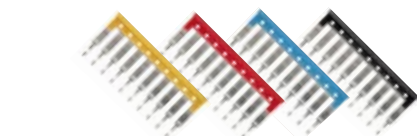
32 A/4 mm ²		32 A/4 mm ²	
5/60/47		50/60/47	
10 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6	
800 V/24 A/2,5 mm ²		800 V/24 A/2,5 mm ²	
8 kV/3		8 kV/3	
0,4...0,8		0,4...0,8	
1		1	
0,5...4		0,5...4	
1,5...4		1,5...4	
0,5...4		0,5...4	
0,5...2,5		0,5...2,5	
0,5...2,5		0,5...2,5	
0,13...4	A 3	0,13...4	A 3
32/24		32/24	
32/24		32/24	
600 V/25 A/22...12 AWG		600 V/25 A/22...12 AWG	
600 V/20 A/26...12 AWG		600 V/20 A/26...12 AWG	
Ordering data	Version	Ordering data	Version
	Wemid		Wemid
	Blue Wemid		Blue Wemid
	Orange PA		Orange PA
	102000 100		102000 100
	102008 100		102008 100
	102006 100		102006 100
	102070 10		102070 10
	102080 10		102080 10



Triple use up to 125 V with ZQV 2.5N



Parallel use up to 400 V with ZQV¹⁾ 2.5N or WQV 2.5



	Yellow	Red	Blue	Black	Qty.
ZQV 2.5N/2	169380	171790	171799	171808	60
ZQV 2.5N/3	169381	171791	171800	171809	60
ZQV 2.5N/4	169382	171792	171801	171810	60
ZQV 2.5N/5	169383	171793	171802	171811	20
ZQV 2.5N/6	169384	171794	171803	171812	20
ZQV 2.5N/7	169385	171795	171804	171813	20
ZQV 2.5N/8	169386	171796	171805	171814	20
ZQV 2.5N/9	169387	171797	171806	171815	20
ZQV 2.5N/10	169388	171798	171807	171816	20
ZQV 2.5N/50-endless	169389	171817	171818	171819	5

Colored Cross connection ZQV 2.5N

Max. Technical Data

Dimensions
Width/length/height (mm) With TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1

Rated voltage/rated current/rated cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U mm²

stranded H07V-R mm²

flexible H07V-K mm²

flexible H07V-K and AEH DIN 46 228/1 mm²

flexible H07V-K and AEH with plastic insul. collar mm²

Max. Clamping Range in mm² Gauge pin to 947-1

Contin. curr. rating of cross-connection WQV/ZQV 2poles A

Contin. curr. rating of cross-connection WQV/ZQV multipole A

UL / CSA rated data

Voltage / current / conductor size UL

Voltage / current / conductor size CSA

Ordering data

Version

Wemid

Blue Wemid

Orange PA

Terminal block printed 1-9 Wemid

Terminal block unprinted* Wemid

End plate/partition

WAP WAP (thickness 1.5 mm) Wemid

Blue Wemid

WTW Wemid

Blue Wemid

Cross-connection**

ZQV 2-pole

3-pole

4-pole

5-pole

6-pole

7-pole

8-pole

9-pole

10-pole

32-pole

endless 50pole

Screen lug LS 2.8

Notching tool WAW 1 for WQV

Test adapter

WTA

Test plug/socket

PS 2.3

StB 8.5

Cover

WAD with Symbol

WAD white (for self-labeling)

Group marking

T 5

WGB

Tag carrier for S 10 markers

Marking tags

DEK

DEK

WS

WS



Consecutive horizontal

Consecutive vertical

For further accessories see section 3, further marking material see section 8

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WAP 2.5-10	105000	50	WAP 2.5-10	105000	50
WAP 2.5-10	105008	50	WAP 2.5-10	105008	50
WTW 2.5-10	105010	20	WTW 2.5-10	105010	20
WTW 2.5-10	105018	20	WTW 2.5-10	105018	20
ZQV 2.5N Qty. WQV 2.5 Qty.			ZQV 2.5N Qty. WQV 2.5 Qty.		
169380	60	105366	50	169380	60
169381	60	105376	50	169381	60
169382	60	105386	50	169382	60
169383	20	105396	10	169383	20
169384	20	105406	10	169384	20
169385	20	105416	10	169385	20
169386	20	105426	10	169386	20
169387	20	105436	10	169387	20
169388	20	105446	20	169388	20
-	157760	10	-	157760	10
169389	5		169389	5	
WQB B/24	157906	20	WQB B/24	157906	20
LS 2.8	105640	50	LS 2.8	105640	50
WAW 1	900450	-	WAW 1	900450	-
WTA 2	163232	50	WTA 2	163232	50
WTA 2/ZA	163233	50	WTA 2/ZA	163233	50
WTA 2/10	163234	5	WTA 2/10	163234	5
ZE 1 (Strain relief)	163215	50	ZE 1 (Strain relief)	163215	50
PS 2.3 (ø 2,3)	018040	20	PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20	PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50	StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50	StB 8.5 (ø 2,0)	126980	50
WAD 5	105346	50	WAD 5	105346	50
WAD 5 white	105606	50	WAD 5 white	105606	50
WGB 5	105076	50	WGB 5	105076	50
T 5	034850	100	T 5	034850	100
SF 10	033240	1000	SF 10	033240	1000
SG 10	033250	1000	SG 10	033250	1000
DEK 5	047346	-	DEK 5	047346	-
DEK 5	047356	-	DEK 5	047356	-
WS 12/5	160986	-	WS 12/5	160986	-
WS 12/5	144746	-	WS 12/5	144746	-

¹⁾ When using the outer cross connection holes

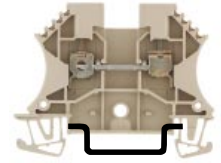
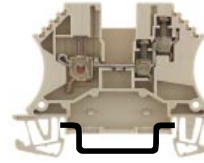
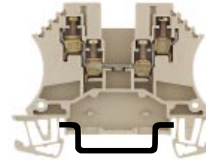
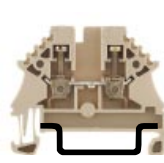
Feed-through terminal blocks

WDU 2.5N WDU 2.5N/10/BEZ

WDU 1.5/ZZ

WDU 2.5/1.5/ZR

WDU 2.5 WDU 2.5/10/BEZ



Max. Technical Data

Dimension	
Width/length/height (mm)	With TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage/pollution severity	

26 A/2,5 mm ²
5/44/37,5
10 mm/M 2,5/3,5 x 0,6
500 V/24 A/2,5 mm ²
6 kV/3

26 A/2,5 mm ²
5/60/47
7 mm/M 2,5/3,5 x 0,6
690 V/17,5 A/1,5 mm ²
8 kV/3

32 A/4 mm ²
5/60/47
10/7 mm/M 2,5/3,5 x 0,6
690 V/24/17,5 A/2,5/1,5 mm ² **
8 kV/3

32 A/4 mm ²
5/60/47
10 mm/M 2,5/3,5 x 0,6
800 V/24 A/2,5 mm ²
8 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	

0,4...0,7
1

0,4...0,7
1

0,4...0,7
1

0,4...0,8
1

Clampable conductor

solid H07V-U	mm ²	0,5...4
stranded H07V-R	mm ²	1,5...4
flexible H07V-K	mm ²	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...2,5
flexible H07V-K and AEH with plastic insul. collar	mm ²	0,5...2,5 ¹⁾
Max. Clamping Range in mm ²	Gauge pin to 947-1	Size
Continuous current rating	WQV/ZQV	2-5-pole A
of cross-connection	WQV/ZQV	6-10-pole A

0,5...4	0,5...2,5
1,5...4	1,5...2,5
0,5...4	0,5...1,5
0,5...2,5	0,5...1,5
0,5...2,5 ¹⁾	0,5...1,5 ¹⁾
0,13...4	0,08...2,5
24/-	32/24
24/-	32/24

0,5...4/2,5**	0,5...4/1,5**
1,5...4/2,5**	0,5...4/1,5**
0,5...4/1,5**	0,5...2,5/1,5**
0,5...2,5/1,5**	0,5...2,5/1,5** ¹⁾
0,13...4/0,08...2,5	A 3/A 1**
32/24	32/24
32/24	32/24

0,5...4	0,5...4
1,5...4	1,5...4
0,5...4	0,5...2,5
0,5...2,5	0,5...2,5 ¹⁾
0,13...4	0,13...4
24/-	32/24
24/-	32/24

0,5...4	0,5...4
1,5...4	1,5...4
0,5...4	0,5...2,5
0,5...2,5	0,5...2,5 ¹⁾
0,13...4	0,13...4
24/-	32/24
24/-	32/24

UL / CSA rated data

Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

300 V/20 A/22...12 AWG
300 V/20 A/26...12 AWG

300 V/10 A/22...14 AWG
300 V/10 A/26...14 AWG

300 V/20/15 A/22...12 AWG
300 V/20/15 A/26...12/14 AWG

600 V/25 A/22...12 AWG
600 V/20 A/26...12 AWG

Ordering data

Version	Cat. No.	Qty.
Wemid	102370	100
Blue Wemid	102378	100
Orange PA	102376	100
Terminal block printed 1-9 Wemid	102490	10
Terminal block unprinted* Wemid	102480	10

Type	Cat. No.	Qty.
WAP-WDU 2.5N	106000	50
WAP-WDU 2.5N	106008	50
WTW (1,5)	019186	20

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

End plate/partition

WAP (thickness 1.5 mm) Wemid	WAP-WDU 2.5N	106000	50
Blue Wemid	WAP-WDU 2.5N	106008	50
WTW	WTW (1,5)	019186	20
Blue Wemid			
Frame WDK 2.5			

WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

Cross-connection

WQV	WQB 8/24	Screen lug LS 2.8	2-pole	WQV 2,5/2	105366	50
			3-pole	WQV 2,5/3	105376	50
			4-pole	WQV 2,5/4	105386	50
			10-pole	WQV 2,5/10	105446	20
	ZQV 2.5N			WQB B/24	157906	20

WQV 2,5/2	105366	50
WQV 2,5/3	105376	50
WQV 2,5/4	105386	50
WQV 2,5/10	105446	20
WQB B/24	157906	20
LS 2.8	105640	50
WAW 1	900450	-

ZQV 2.5N Qty.	WQV 2.5 Qty.	169380	60	105366	50
		169381	60	105376	50
		169382	60	105386	50
		169388	20	105446	20
		157906	20		
		105640	50		
		900450	-		

ZQV 2.5N Qty.	WQV 2.5 Qty.	169380	60	105366	50
		169381	60	105376	50
		169382	60	105386	50
		169388	20	105446	20
		157906	20		
		105640	50		
		900450	-		

ZQV 2.5N Qty.	WQV 2.5 Qty.	169380	60	105366	50
		169381	60	105376	50
		169382	60	105386	50
		169388	20	105446	20
		157906	20		
		105640	50		
		900450	-		

Notching tool WAW 1 for WQV

WAW 1	900450	-
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WAW 1	900450	-
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WAW 1	900450	-
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WAW 1	900450	-
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WAW 1	900450	-
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Test adapter

WTA	TA 1	Strain relief
WTA 1	163229	50
WTA 1/ZA	163230	50
WTA 1/10	163231	5
ZE 1	163215	50

WTA 1	163229	50
WTA 1/ZA	163230	50
WTA 2/10	163234	5
ZE 1	163215	50

WTA 2	163232	50
WTA 2/ZA	163233	50
WTA 2/10	163234	5
ZE 1	163215	50

WTA 2	163232	50
WTA 2/ZA	163233	50
WTA 2/10	163234	5
ZE 1	163215	50

WTA 2	163232	50
WTA 2/ZA	163233	50
WTA 2/10	163234	5
ZE 1	163215	50

Test plug/socket

PS 2.3	StB 8.5	
PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50

PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50

PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50

PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50

PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50

Abdeckungen

WAD with symbol	WAD 4	107200	50
WAD white	WAD 4 white	107210	50

WAD 4	107200	50
WAD 4 white	107210	50

WAD 4	107200	50
WAD 4 white	107210	50

WAD 4	107200	50
WAD 4 white	107210	50

WAD 5	105346	50
WAD 5 white	105606	50

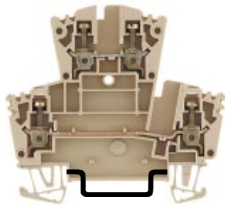
Group marking

T 5	WGB	T 5	034850	100
Tag carrier	SF 10	SF 10	033240	1000
für S 10 markers	SG 10	SG 10	033250	1000

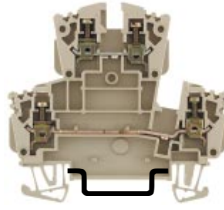
T 5	034850	100
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WDK 2.5
WDK 2.5/10/BEZ

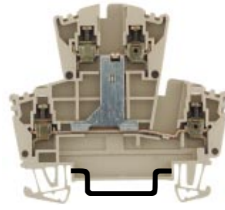
400 V



WDK 2.5
800 V



WDK 2.5 V



WDK 2.5 DU-PE

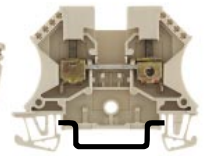


WDK 2.5 E
WDK 2.5 E GET.SCH.

Terminal blocks for electrical components



WDU 4
WDU 4/10/BEZ



Terminal blocks with electrical components see section 3

26 A/2,5 mm²

5/69/63
10 mm/M 2,5/3,5 x 0,6

400 V/24 A/2,5 mm²
6 kV/3

0,4...0,7
1

0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5¹⁾

0,13...4 A 3
32/-
32/-

300 V/20 A/22...12 AWG
300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	102150	100
	102158	100
	102156	100
	102560	10
	102570	10

Type	Cat. No.	Qty.
WAP	105910	20
WAP	105918	20
WTW	105880	20

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
LS 2.8	105640	50
WAW 1	900450	-

TA 1 **053586** 20

AD 3 **048540** -
HP 3 **048576** 20
WAD 4 **107200** 50

WT 4 **134106** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 8/5 **164074** -
WS 8/5 **158008** -

26 A/2,5 mm²

6/69/63
10 mm/M 2,5/3,5 x 0,6

800 V/24 A/2,5 mm²
8 kV/3

0,4...0,7
1

0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5

0,13...4 A 3
32/-
32/-

300 V/20 A/22...12 AWG
300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	102910	100

Type	Cat. No.	Qty.
WAP	105910	20
WAP	105918	20
WTW	105880	20

Q 2	036900	50
Q 3	036910	50
Q 4	036920	50
Q 10	036930	20
LS 2.8	105640	50

TA 1 **053586** 20

AD 3 **048540** -
HP 3 **048576** 20
WAD 4 **107200** 50

WT 4 **134106** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 8/5 **164074** -
WS 8/5 **158008** -

24 A/2,5 mm²

5/69/63
10 mm/M 2,5/3,5 x 0,6

400 V/24 A/2,5 mm²
6 kV/3

0,4...0,7
1

0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5¹⁾

0,13...4 A 3
32/-
32/-

300 V/20 A/22...12 AWG
300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	102230	100

Type	Cat. No.	Qty.
WAP	105910	20
WTW	105880	20

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
LS 2.8	105640	50
WAW 1	900450	-

TA 1 **053586** 20

AD 3 **048540** -
HP 3 **048576** 20
WAD 4 **107200** 50

WT 4 **134106** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 8/5 **164074** -
WS 8/5 **158008** -

24 A/2,5 mm²/-/-

5/69/63
10 mm/M 2,5/3,5 x 0,6

400 V/-/24 A/-/2,5 mm²
6 kV/3

0,4...0,7
1

0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5¹⁾

0,13...4 A 3
32/-
32/-

300 V/20 A/22...12 AWG
300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103640	100

(Beige Wemid with divided current bar below)

Type	Cat. No.	Qty.
WAP	105910	20
WTW	105880	20

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
WAW 1	900450	-

TA 1 **053586** 20

AD 3 **048540** -
HP 3 **048576** 20
WAD 4 **107200** 50

WT 4 **134106** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 8/5 **164074** -
WS 8/5 **158008** -

-/2,5 mm²

5/69/63
10 mm/M 2,5/3,5 x 0,6

-/-/2,5 mm²
-/-

0,4...0,7
1

0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5¹⁾

0,13...4 A 3
-
-

300 V/20 A/22...12 AWG
-

	Cat. No.	Qty.
	102320	100
	102310	100

(Beige Wemid with divided current bar below)

Type	Cat. No.	Qty.
WAP	105910	20
WAP	105918	20
WTW	105880	20

Frame (5 mm) **107400** 20

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
LS 2.8	105640	50
WAW 1	900450	-

TA 1 **053586** 20

AD 3 **048540** -
HP 3 **048576** 20
WAD 4 **107200** 50

WT 4 **134106** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 8/5 **164074** -
WS 8/5 **158008** -

46 A/6 mm²

6/60/47
10 mm/M 3/3,5 x 0,6

800 V/32 A/4 mm²
8 kV/3

0,5...1,0
2

0,5...6
1,5...6
0,5...6
0,5...4
0,5...4

0,13...6 A 4
46
46

600 V/35 A/22...10 AWG
600 V/35 A/26...10 AWG

	Cat. No.	Qty.
	102010	100
	102018	100
	102090	10
	102100	10

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20
LS 2.8	105640	50
WAW 1	900450	-

WTA 3 **163235** 50
WTA 3/ZA **163236** 50
WTA 3/10 **163237** 5
ZE 1 **163215** 50

PS 2.3 (ø 2,3) **018040** 20

StB 8.5 (ø 2,3) **028060** 50

WAD 5 **105346** 50
WAD 5 white **105606** 50

WGB 5 **105076** 50
T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

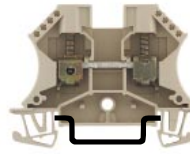
DEK 6 **046866** -
DEK 6 **047356** -
WS 12/6 **160990** -
WS 12/6 **144766** -

Feed-through terminal blocks

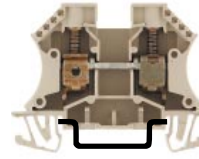
WMA 4/5 WMA 4/4



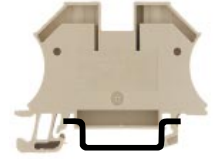
WDU 6 WDU 6/10/BEZ



WDU 10



WDU 16N



Max. Technical Data		46 A/6 mm ²	63 A/10 mm ²	85 A/16 mm ²	82 A/25 mm ²
Dimension					
Width/length/height (mm)	With TS 35 x 7.5	60/60/47	8/60/47	10/60/47	12/60/47
Insulation stripping length/clamping screw/screwdriver blade					
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1		10 mm/M 3/3,5 x 0,6	12 mm/M 3,5/4,0 x 0,8	12 mm/M 4/5,5 x 1,0	12 mm/M 4/5,5 x 1,0
Rated voltage/rated current/rated cross-section					
Rated impulse voltage/pollution severity		800 V/32 A/4 mm ² 8 kV/3	800 V/41 A/6 mm ² 8 kV/3	1000 V/57 A/10 mm ² 8 kV/3	400 V/76 A/16 mm ² 6 kV/3
Further technical data					
Tightening torque range		Nm 0,5...1,0	0,8...1,6	1,2...2,4	1,2...2,4
Torque setting with DMS2 electric screwdriver		2	3	4	4
Clampable conductor					
solid H07V-U		mm ² 0,5...6	0,5...10	1,5...16	1,5...16
stranded H07V-R		mm ² 1,5...6	1,5...10	1,5...16	1,5...25
flexible H07V-K		mm ² 0,5...6	0,5...10	1,5...16	1,5...16
flexible H07V-K and AEH DIN 46 228/1		mm ² 0,5...4	0,5...6	1,5...16	1,5...16
flexible H07V-K and AEH with plastic insul. collar		mm ² 0,5...4	0,5...6	1,5...16	1,5...16
Max. Clamping Range in mm ²		Gauge pin to 947-1 Size 0,13...6 A 4	0,5...10 A 5	1,31...16 B 6	1,5...25 B 7
Continuous current rating of cross-connection		WQV/ZQV 2-pole A 46	63	85	76
		WQV/ZQV 3-10-pole A 46	63	63	57 (3 + 4-pole)
UL / CSA rated data					
Voltage / current / conductor size		UL 600 V/35 A/22...10 AWG	600 V/45 A/20...8 AWG	600 V/60 A/16...6 AWG	-
Voltage / current / conductor size		CSA 600 V/35 A/26...10 AWG	600 V/45 A/20...8 AWG	600 V/65 A/16...6 AWG	-
Ordering data					
		Version	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
		Wemid			
		Blue Wemid	102020 50	102030 50	103610 50
		Terminal block printed 1-9 Wemid	102028 50	102038 50	103618 50
		Terminal block unprinted* Wemid	102140 10		
		Motor connection block (L1, L2, L3, PE) Wemid	102130 10		
		Motor connection block (L1, L2, L3, PE) Wemid	103400 20		
		Motor connection block (L1, L2, L3, PE) Wemid	103380 20		
End plate/partition					
		Type	Cat. No. Qty.	Type	Cat. No. Qty.
		WAP (thickness 1.5 mm) Wemid	WAP 2.5-10 105000 50	WAP 2.5-10 105000 50	WAP 2.5-10 105000 50
		Blue Wemid	WAP 2.5-10 105008 50	WAP 2.5-10 105008 50	WAP 2.5-10 105008 50
		WTW	WTW 2.5-10 105010 20	WTW 2.5-10 105010 20	WTW 2.5-10 105010 20
		Blue Wemid	WTW 2.5-10 105018 20	WTW 2.5-10 105018 20	WTW EX 105880 20
Cross-connection					
		WQV WQB 8/24	WQV 4/2 105196 50	WQV 6/2 105236 50	WQV 10/2 105256 50
			WQV 4/3 105456 50	WQV 6/3 105476 50	WQV 10/3 105496 50
			WQV 4/4 105466 50	WQV 6/4 105486 50	WQV 10/4 105506 50
			WQV 4/10 105206 20	WQV 6/10 105226 20	WQV 10/10 105246 20
		Screen lug LS 2.8	LS 2.8 105640 50	LS 2.8 105640 50	LS 2.8 105640 50
		Notching tool WAW 1 for WQV	WAW 1 900450 -	WAW 1 900450 -	WAW 1 900450 -
Test adapter					
		WTA	WTA 3 163235 50		
		WTA 3	WTA 3/ZA 163236 50	WTA 5/1 105126 25	WTA 5/1 105126 25
			WTA 3/10 163237 5		
		Strain relief	ZE 1 163215 50		
Test plug/socket					
		PS 2.3	PS 2.3 (ø 2,3) 018040 20	PS 2.3 (ø 2,3) 018040 20	PS 2.3 (ø 2,3) 018040 20
		StB 8.5	StB 8.5 (ø 2,3) 028060 50	PS 4 (ø 4) 029960 20	PS 4 (ø 4) 029960 20
				StB 8.5 (ø 2,3) 028060 50	StB 8.5 (ø 2,3) 028060 50
				StB 14 (ø 4) 016990 50	StB 14 (ø 4) 016990 50
Abdeckungen					
		WAD with symbol	WAD 5 105346 50	WAD 8 105356 50	WAD 8 105356 50
		WAD white	WAD 5 white 105606 50	WAD 8 white 105616 50	WAD 8 white 105616 50
		for self-labeling			WAD 12 N 107320 50
					WAD 12 N white 107329 50
Group marking					
		T 5	WGB 5 105076 50	WGB 8 105096 50	WGB 8 105096 50
Tag carrier					
		für S 10 markers	T 5 034850 100	T 5 034850 100	T 5 034850 100
			SF 10 033240 1000	SF 10 033240 1000	SF 10 033240 1000
			SG 10 033250 1000	SG 10 033250 1000	SG 10 033250 1000
Marking tags					
		Print	FW 6 046866 -	FW 8 127696 -	FW 5 047346 -
		Consecutive horizontal	FS 6 047356 -	FS 8 128966 -	FS 5 047356 -
		Consecutive vertical	WS 12/6 160990 -	WS 12/6,5 160992 -	WS 12/6,5 160992 -
		Blank	WS 12/6 144766 -	WS 12/6,5 156895 -	WS 12/6,5 156895 -
		Printed			
For further accessories see section 3, further marking material see section 8					

* With unprinted dekafix marking strips

WDU 16

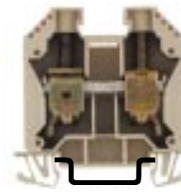
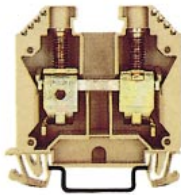
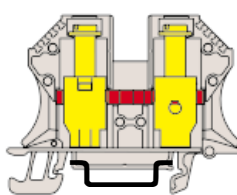
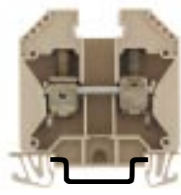
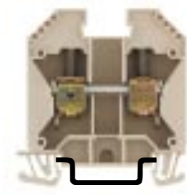
WDU 16/ZA*

WDU 35N

WDU 35

WDU 35/ZA*

WDU 70N



100 A/25 mm²

12/60/63
16 mm/M 5/5,5 x 1,0

1000 V/76 A/16 mm²
8 kV/3

2,0...4,0

1,5...16
1,5...25
1,5...25
1,5...16
1,5...16
1,5...25

85
63

600 V/70 A/14...6 AWG
600 V/65 A/14...6 AWG

Type	Cat. No.	Qty.
	102040	50
	102048	50

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 16/2	105326	50
WQV 16/3	105516	50
WQV 16/4	105526	50
WQV 16/10	105336	10
WQV 16/2 blue	105328	50

WAW 1 **900450** -

PS 4 (ø 4) **029960** 20

StB 16 (ø 4) **014020** 50

WAD 12 **105596** 50
WAD 12 white **105626** 50

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

100 A/25 mm²

12/60/63
16 mm/M 5/5,5 x 1,0

1000 V/76 A/16 mm²
8 kV/3

2,0...4,0

1,5...16
1,5...25
1,5...25
1,5...16
1,5...16
1,5...25

85
63

600 V/70 A/14...6 AWG
600 V/65 A/14...6 AWG

Type	Cat. No.	Qty.
	102890	50
	102898	50

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 16/2	105326	50
WQV 16/3	105516	50
WQV 16/4	105526	50
WQV 16/10	105336	10
WQV 16/2 blue	105328	50

WAW 1 **900450** -

PS 4 (ø 4) **029960** 20

StB 16 (ø 4) **014020** 50

WAD 12 **105596** 50
WAD 12 white **105626** 50

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

* with spigots

- / -

16/66/51
18 mm/M 6/5,5 x 1,0

400 V/125 A/35 mm²
6 kV/3

2,5...5,0

2,5...16
2,5...50
2,5...35
2,5...35
2,5...35
2,5...50

115
100

-
-

Type	Cat. No.	Qty.
	104040	25
	104048	25

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35N/2	107920	50
WQV 35N/3	107930	50
WQV 35N/4	107940	50

WAW 1 **900450** -

PS 4 (ø 4) **029960** 20

StB 16 (ø 4) **014020** 50

WAD 12 **105596** 50
WAD 12 white **105626** 50

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

168 A/50 mm²

16/60/63
18 mm/M 6/5,5 x 1,0

1000 V/125 A/35 mm²
8 kV/3

5,0 / 5,0...6,0**

2,5...16
2,5...50
2,5...35
2,5...35
2,5...35
2,5...50

138
112

600 V/115 A/12...2 AWG
600 V/120 A/12...2 AWG

Type	Cat. No.	Qty.
	102050	25
	102058	25
(hexagon socket)	102060**	25
(hexagon socket)	102068**	25

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35/2	105306	50
WQV 35/3	105536	50
WQV 35/4	105546	50
WQV 35/10	105316	10
WQV 35/2 blue	105308	50

WAW 1 **900450** -

PS 4 (ø 4) **029960** 20

StB 16 (ø 4) **014020** 50

WAD 12 **105596** 50
WAD 12 white **105626** 50

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

** Tightening torque range 5,0...6,0 for Cat. No. **102060**, **102068**, **102900** and **102908** only

168 A/50 mm²

16/60/63
18 mm/M 6/5,5 x 1,0

1000 V/125 A/35 mm²
8 kV/3

5,0 / 5,0...6,0**

2,5...16
2,5...50
2,5...35
2,5...35
2,5...35
2,5...50

138
112

600 V/115 A/12...2 AWG
600 V/120 A/12...2 AWG

Type	Cat. No.	Qty.
	102880	25
	102888	25
(hexagon socket)	102900**	25
(hexagon socket)	102908**	25

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35/2	105306	50
WQV 35/3	105536	50
WQV 35/4	105546	50
WQV 35/10	105316	10
WQV 35/2 blue	105308	50

WAW 1 **900450** -

PS 4 (ø 4) **029960** 20

StB 16 (ø 4) **014020** 50

WAD 12 **105596** 50
WAD 12 white **105626** 50

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

207 A/95 mm²

20,5/75/86
22 mm/M 8/S 6 DIN 6911

1000 V/192 A/70 mm²
8 kV/3

6,0...12

10...16
10...95
10...70
10...70
10...70
10...95

192
192 (3-pole)

600 V/175 A/6...2/0 AWG
600 V/205 A/8...2/0 AWG

Type	Cat. No.	Qty.
	951219	10
	951242	10

(WDU 70N only with hexagon socket)

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 70N/2	951224	5
WQV 70N/3	951225	5
WQV 70N/4	951219	5

Auxil./control conduc. term.

WZAD 70N **951228** 10

PS 4 (ø 4) **029960** 20

Insertable in screw head of connection system

WAD 20 **951226** 20
WAD 20 white **951227** 20

T 5 **034850** 100
SF 10 **033240** 1000
SG 10 **033250** 1000

DEK 5 **047346** -
DEK 5 **047356** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -



Large size conductors no longer have to be inserted into the clamping point with force; they can simply be placed in the terminal block.

For each terminal type, terminal block variants consisting of three, four and five-pole terminal blocks are available in addition to the individual terminals. All blocks are permanently screwed together for additional torsional rigidity.

Slots provided in the underside of the terminals enable direct fitting. Terminal blocks can be screwed directly to mounting plates with 25 mm pitch.

Further advantages are:

- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover, remove screw terminal unit



Place conductor in terminal, replace screw terminal unit



Close terminal cover, tighten screw with hex key

Max. Technical Data

Dimensions	
Width/length/height (mm)	With TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	

Clampable conductor	
solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
flexible H07V-K and AEH with plastic insul. collar	mm ²

Strips	mm	3 x 9 x 0,8	6 x 9 x 0,8
Strips	mm	4 x 16 x 0,8	6 x 16 x 0,8
Max. Clamping Range in mm ²	Gauge pin to 947-1	Size	B 12
Continuous current rating of cross-connection		2-pole	A
Continuous current rating of cross-connection		multipole	A

UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

Ordering data		Version	
Hexagon socket 6 mm	Wemid		
Hexagon socket 6 mm	Blue Wemid		
Hexagon socket 6 mm	Green Wemid		
Hexagon socket 6 mm	Terminal block* 3-pole Wemid		
Hexagon socket 6 mm	Terminal block* 4-pole Wemid		
Hexagon socket 6 mm	Terminal block* 5-pole Wemid		
Mains terminal block 3x beige, 1x blue, 1x green Wemid			

Cross-connection	
Auxiliary / control conductor terminal WFL	pressure clamp*** WFL

Cover	

Test plug	

Fixing screw	

Hexagon key	

Screwdriver for direct assembly 1 x 5.5 x 125	

Marking tags		Print	
DEK		Consecutive horizontal	DEK 5
DEK		Consecutive vertical	DEK 5
WS		Blank	WS 12/6,5
WS DEK		Printed	WS 12/6,5

For further accessories see section 3, further marking material see section 8			
* Terminal block for direct assembly only			
** Using 95 and 120 mm ² with 10 Nm tightening torque			

250 A/95 mm ²
27/132/108
30 mm/M 8/S 6

1000 V/232 A/95 mm ²
8 kV/3

6...12
-

16
16...120**
16...95**
35...95**
35...50

3 x 9 x 0,8	6 x 9 x 0,8
4 x 16 x 0,8	6 x 16 x 0,8
16...120	B 12
232	
(3) 232	

600 V/175 A/6...2/0 AWG
600 V/205 A/6...2/0 AWG

Type	Cat. No.	Qty.
WQV 70/2	102460	10
WQV 70/3	102468	10
	102465	10

Type	Cat. No.	Qty.
WZAD 70	106600	10
WFL 70/95	161633	10

Type	Cat. No.	Qty.
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4	029960	20

fits into screw head of the connection system		
Type	Cat. No.	Qty.
M 6x16	106370	20

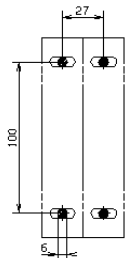
Type	Cat. No.	Qty.
Hex. key	040790	-
6 mm to DIN 6911		

Type	Cat. No.	Qty.
SD	902450	-

Type	Cat. No.	Qty.
DEK 5	047346	-
DEK 5	047356	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

*** The WFL pressure clamp is needed when the flat strip cannot be inserted centrally.		
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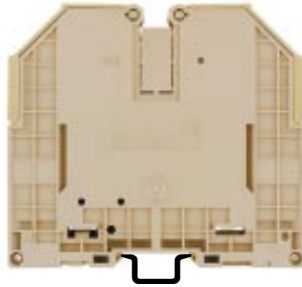
WDU 70/95/...



Drilling plan for direct mounting
250 A/95 mm²

81/132/108 (triple block)*		
30 mm/M 8/S 6		
1000 V/232 A/95 mm ²		
8 kV/3		
6...12		
-		
16		
16...120**		
16...95**		
35...95**		
35...50		
3 x 9 x 0,8	6 x 9 x 0,8	
4 x 16 x 0,8	6 x 16 x 0,8	
16...120		B 12
232		
(3) 232		
600 V/175 A/6...2/0 AWG		
600 V/205 A/6...2/0 AWG		
	Best-Nr.	Qty.
	102670*	4
	102680*	3
	102690*	2
	103230*	2
Type	Cat. No.	Qty.
WQV 70/2	106350	5
WQV 70/3	106360	5
WZAD 70		
	106600	10
WFL 70/95		
	161633	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4		
	029960	20
Insertable in screw head connection system		
M 6x16		
	106370	20
Hexagon key		
6 mm to DIN 6911	040790	-
SD		
	902450	-
DEK 5		
	047346	-
DEK 5		
	047356	-
WS 12/6,5		
	160992	-
WS 12/6,5		
	156895	-

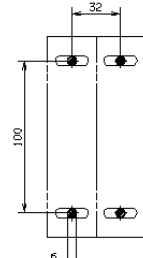
WDU 120/150



335 A/150 mm²

32/132/118		
35 mm/M 10/S 6		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
-		
-		
35...150		
35...150		
-		
-		
3 x 9 x 0,8	6 x 9 x 0,8	
4 x 16 x 0,8	6 x 16 x 0,8	
35...150		B 13
292		
(3) 292		
600 V/225 A/2...MCM 250 AWG		
600 V/285 A/2...MCM 250 AWG		
	Cat. No.	Qty.
	102450	10
	102458	10
	102455	10
Type	Cat. No.	Qty.
WQV 120/2	106330	5
WQV 120/3	106340	5
WZAD 120		
	106610	10
WFL 120/150		
	161634	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4		
	029960	20
Insertable in screw head connection system		
M 6x16		
	106370	20
Hexagon key		
6 mm to DIN 6911	040790	-
SD		
	902450	-
DEK 5		
	047346	-
DEK 5		
	047356	-
WS 12/6,5		
	160992	-
WS 12/6,5		
	156895	-

WDU 120/150/...



Drilling plan for direct mounting
335 A/150 mm²

96/132/118 (triple block)*		
35 mm/M 10/S 6		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
-		
-		
35...150		
35...150		
-		
-		
3 x 9 x 0,8	6 x 9 x 0,8	
4 x 16 x 0,8	6 x 16 x 0,8	
35...150		B 13
292		
(3) 292		
600 V/225 A/2...MCM 250 AWG		
600 V/285 A/2...MCM 250 AWG		
	Cat. No.	Qty.
	102640*	3
	102650*	2
	102660*	2
	103240*	2
Type	Cat. No.	Qty.
WQV 120/2	106330	5
WQV 120/3	106340	5
WZAD 120		
	106610	10
WFL 120/150		
	161634	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4		
	029960	20
Insertable in screw head connection system		
M 6x16		
	106370	20
Hexagon key		
6 mm to DIN 6911	040790	-
SD		
	902450	-
DEK 5		
	047346	-
DEK 5		
	047356	-
WS 12/6,5		
	160992	-
WS 12/6,5		
	156895	-

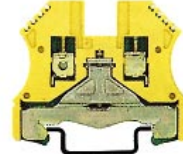
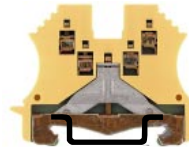
Protective conductor terminal blocks

WPE 2.5N

WPE 1.5/ZZ

WPE 2.5

WPE 2.5/1.5/ZR



Dimensions	
Width/length/height (mm)	With TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6
VDE rated data, 0611, Part 3/11.89 Rated voltage / current	
for PEN / cross-section	- V/- A/2,5 mm ²
Rated voltage/impulse voltage/pollution severity adjacent terminal	500 V/6 kV/3
Further technical data	
Tightening torque range	Nm 0,4...0,7
Torque setting with DMS2 electric screwdriver	1/1
Clampable conductor	
solid H07V-U	mm ² 0,5...4
stranded H07V-R	mm ² 1,5...4
flexible H07V-K	mm ² 0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ² 0,5...4
flexible H07V-K and AEH with plastic insul. collar	mm ² 0,5...2,5 ⁵⁾
AWG conductor	No. 26...12
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size 0,13...4 A 3
Ordering data	
	Green/yellow Wemid

Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	-
DEK 5	047356	-
WS 12/5	160986	-
WS 12/5	144746	-

Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	-
DEK 5	047356	-
WS 12/5	160986	-
WS 12/5	144746	-

Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	-
DEK 5	047356	-
WS 12/5	160986	-
WS 12/5	144746	-

Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	-
DEK 5	047356	-
WS 12/5	160986	-
WS 12/5	144746	-

Support block¹⁾

Marking tags	
DEK	Consecutive horizontal
DEK	Consecutive vertical
WS	Blank
WS	Printed

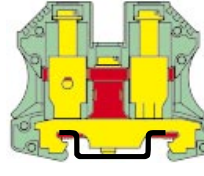


WPE 10

WPE 16N

WPE 16

WPE 35N



Dimensions	
Width/length/height (mm)	With TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5,5 x 1,0
VDE rated data, 0611, Part 3/11.89 Rated voltage / current	
for PEN / cross-section	- V/57 A/10 mm ²
Rated voltage/impulse voltage/pollution severity adjacent terminal	800 V/8 kV/3
Further technical data	
Tightening torque range	Nm 1,2...2,4/0,5...1,0*
Torque setting with DMS2 electric screwdriver	3/2
Clampable conductor	
solid H07V-U	mm ² 1,5...16
stranded H07V-R	mm ² 1,5...16
flexible H07V-K	mm ² 1,5...16
flexible H07V-K and AEH DIN 46 228/1	mm ² 1,5...16
flexible H07V-K and AEH with plastic insul. collar	mm ² 1,5...16
AWG conductor	No. 16...8
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size 1,31...16 B 6
Ordering data	
	Green/yellow Wemid with hexagon socket

Type	Cat. No.	Qty.
SH 2	049492	10
External	106030	10
DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

Type	Cat. No.	Qty.
SH 2	049492	10
Internal	101910⁵⁾	50
DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

Type	Cat. No.	Qty.
SH 2	049492	10
External	106020	10
DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

Type	Cat. No.	Qty.
SH 2	049492	10
External	171774	25
DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

Support block¹⁾

Marking tags	
DEK	Consecutive horizontal
DEK	Consecutive vertical
WS	Blank
WS	Printed



For further accessories see section 3, further marking material see section 8

1) For insulated arrangement of mounting rails in totally insulated systems
 2) Insertable link in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)
 3) Yellow side open, see fitting note, page 6/11
 4) For PEN link in conjunction with WQV 16 N, connect neutral conductor between PE and phase.
 5) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310
 6) Using 35 mm² with 5 Nm tightening torque

WDK 2.5 PE

WDK 2.5 DU-PE**

WPE 4

WPE 6



5/69/63
10 mm/M 2,5/3,5 x 0,6
- V/- A/2,5 mm ²
400 V/6 kV/3
0,4...0,7
1/1
0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5 ⁵⁾
22...12
0,13...4
A 3
Cat. No. Qty.
103630 100
Type Cat. No. Qty.
SH 2 049492 10
DEK 5 047346 -
DEK 5 047356 -
WS 8/5 164074 -
WS 8/5 158008 -

5/69/63
10 mm/M 2,5/3,5 x 0,6
- V/- A/2,5 mm ²
400 V/6 kV/3
0,4...0,7
1/1
0,5...4
1,5...4
0,5...2,5
0,5...2,5
0,5...2,5 ⁵⁾
22...12
0,13...4
A 3
Cat. No. Qty.
103640 100
Type Cat. No. Qty.
SH 2 049492 10
DEK 5 047346 -
DEK 5 047356 -
WS 8/5 164074 -
WS 8/5 158008 -

6/60/47
10 mm/M 3/3,5 x 0,6
- V/- A/4 mm ²
800 V/8 kV/3
0,5...1,0/0,5...1,0*
1/1
0,5...6
1,5...6
0,5...6
0,5...4
0,5...4
26...10
0,13...4
A 4
Cat. No. Qty.
101010 100
Type Cat. No. Qty.
SH 2 049492 10
DEK 6 046866 -
DEK 6 046876 -
WS 12/6 160990 -
WS 12/6 144766 -

8/60/47
12 mm/M 3,5/4,0 x 0,8
- V/- A/6 mm ²
800 V/8 kV/3
0,8...1,6/0,5...1,0*
3/2
0,5...6
1,5...6
0,5...10
0,5...6
0,5...6
26...8
0,5...10
A 5
Cat. No. Qty.
101020 100
Type Cat. No. Qty.
SH 2 049492 10
DEK 8 127696 -
DEK 8 128966 -
WS 12/6,5 160992 -
WS 12/6,5 156895 -

WPE 35

WPE 70N

WPE 70/95

WPE 120



16/60/63
18 mm/M 6/5,5 x 1,0
- V/125 A/35 mm ²
800 V/8 kV/3
2,5...5,0/1,2...2,4*
-/4
2,5...16
2,5...35 ⁶⁾
2,5...35 ⁶⁾
2,5...35 ⁶⁾
2,5...35 ⁶⁾
12...2
2,5...35
B 9
Cat. No. Qty.
101050 25
101260 25
Type Cat. No. Qty.
SH 2 049492 10
External
WQB-PEN 35 106010 10
DEK 8 127696 -
DEK 8 128966 -
WS 12/6,5 160992 -
WS 12/6,5 156895 -

20,5/75/86
22 mm/M 8/S 6 DIN 6911
- V/192 A/70 mm ²
1000 V/8 kV/3
6,0...12/2,0...4,0*
10...16
10...95
10...70
10...70
10...70
8...2/0
10...95
B 11
Cat.No. Qty.
in Cu only 951220 10
Type Cat. No. Qty.
SH 2 049492 10
Internal
WQV 70N-PEN 952584 5
DEK 8 127696 -
DEK 8 128966 -
WS 12/6,5 160992 -
WS 12/6,5 156895 -

27/132/108
30 mm/M 8/S 6 DIN 6911
- V/232 A/95 mm ²
1000 V/8 kV/3
6,0...12/3,0...6,0*
16
16...120***
16...95***
35...95***
35...50
6...2/0
16...120
B 12
Cat.No. Qty.
in Cu only 103730 10
Type Cat. No. Qty.
SH 2 049492 10
Internal
WQV 70/95-PEN 107230 5
DEK 5 047346 -
DEK 5 047356 -
WS 12/6,5 160992 -
WS 12/6,5 156895 -

32/132/118
35 mm/M 10/S 6 DIN 6911
- V/269 A/120 mm ²
1000 V/8 kV/3
10...20/3,0...6,0*
-
35...150
35...150
-
-
2...MCM 250
35...150
B 13
Cat.No. Qty.
in Cu only 101970 10
Type Cat. No. Qty.
SH 2 049492 10
Internal
WQV 120-PEN 107240 5
DEK 5 047346 -
DEK 5 047356 -
WS 12/6,5 160992 -
WS 12/6,5 156895 -

* applies to centre screw

** see also page 2/7

*** using 95 mm² and 120 mm² with 10 Nm tightening torque

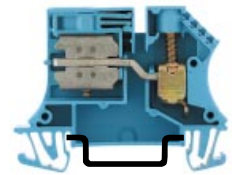
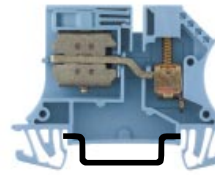
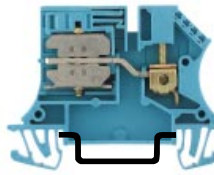
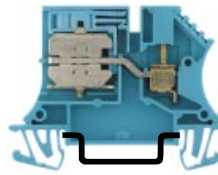
Isolating neutral terminal blocks

WNT 2.5

WNT 4

WNT 6

WNT 10



Max. Technical Data

Dimensions

Width/length/height (mm) With TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data, 0611 Part 5 / 5.84

Rated voltage/rated current/rated cross-section

Rated voltage/impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS2 electric screwdriver

Clampable conductor

solid H07V-U mm²

stranded H07V-R mm²

flexible H07V-K mm²

flexible H07V-K and AEH DIN 46 228/1 mm²

flexible H07V-K and AEH with plastic insul. collar mm²

Max. Clamping Range in mm² Gauge pin to 947-1 Size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL

Voltage / current / conductor size CSA

Ordering data Version

For 10x3 busbars Blue Wemid

For 10x3 busbars as equipotential bonding disconnector

beige Wemid (VDE 0107)

32 A/4 mm²

5/60/47

10 mm/M 2,5/3,5 x 0,6

400 V/24 A/2,5 mm²

400 V/6 kV/3

0,4...0,8

1

0,5...4

1,5...4

0,5...4

0,5...2,5

0,5...2,5¹⁾

0,13...4 A 3

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Cat. No. Qty.

101068 100

101060 100

Type Cat. No. Qty.

WAP 2.5-10 **105008** 50

WAP 2.5-10 **105000** 50

41 A/6 mm²

6/60/47

10 mm/M 3/3,5 x 0,6

400 V/32 A/4 mm²

400 V/6 kV/3

0,5...1,0

2

0,5...6

1,5...6

0,5...6

0,5...4

0,5...4

0,13...6 A 4

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Cat. No. Qty.

101078 100

101070 100

Type Cat. No. Qty.

WAP 2.5-10 **105008** 50

WAP 2.5-10 **105000** 50

57 A/10 mm²

8/60/47

12 mm/M 3,5/4,0 x 0,8

400 V/41 A/6 mm²

400 V/6 kV/3

0,8...1,6

3

0,5...10

1,5...10

0,5...10

0,5...6

0,5...6

0,5...10 A 5

600 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG

Cat. No. Qty.

101088 50

101080 50

Type Cat. No. Qty.

WAP 2.5-10 **105008** 50

WAP 2.5-10 **105000** 50

76A/16 mm²

10/60/47

12 mm/M 4/5,5 x 1,0

400 V/57 A/10 mm²

400 V/6 kV/3

1,2...2,4

4

1,5...16

1,5...16

1,5...16

1,5...16

1,5...16

1,31...16 B 6

600 V/60 A/16...8 AWG

600 V/65 A/16...6 AWG

Cat. No. Qty.

101098 50

101090 50

Type Cat. No. Qty.

WAP 2.5-10 **105008** 50

WAP 2.5-10 **105000** 50

End plate

Thickness 1.5 mm Blue Wemid

Beige Wemid



Support plate

für SSch 10 x 3 Blue Wemid

beige Wemid



Thickness 1.5 mm

Distance WHP-WHP max. 200 mm

Busbar 10 x 3

Topface busbar till topface TS 35 = 25.5 mm



Cu 140 A

Ms 100 A

SSch 10 x 3 Cu **034890** 1 m

SSch 10 x 3 Ms **025980** 1 m

SSch 10 x 3 Cu **034890** 1 m

SSch 10 x 3 Ms **025980** 1 m

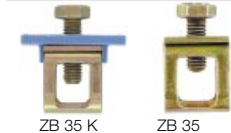
SSch 10 x 3 Cu **034890** 1 m

SSch 10 x 3 Ms **025980** 1 m

SSch 10 x 3 Cu **034890** 1 m

SSch 10 x 3 Ms **025980** 1 m

Clamping yoke



Applied input for SSch 10 x 3

16...50 mm² stranded

16...35 mm² flexible

Gauge pin to B9

ZB 35 K **050268** 20

ZB 35 **026650** 20

ZB 35 K **050268** 20

ZB 35 **026650** 20

ZB 35 K **050268** 20

ZB 35 **026650** 20

ZB 35 K **050268** 20

ZB 35 **026650** 20

Test plug



PS 2.3 **018040** 20

PS 2.3 **018040** 20

PS 2.3 **018040** 20

PS 2.3 **018040** 20

End bracket

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

Using external link

Clampable cond. section one degree lower

Marking tags

Print



Consecutive horizontal

Consecutive vertical

Blank

Printed

DEK 5 **047346** -

DEK 5 **047356** -

WS 12/5 **160986** -

WS 12/5 **144746** -

DEK 6 **046866** -

DEK 6 **046876** -

WS 12/6 **160990** -

WS 12/6 **144766** -

DEK 8 **127696** -

DEK 8 **128966** -

WS 12/6,5 **160992** -

WS 12/6,5 **156895** -

DEK 8 **127696** -

DEK 8 **128966** -

WS 12/6,5 **160992** -

WS 12/6,5 **156895** -

For further accessories see section 3, further marking material see section 8

1) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

Three-way terminal blocks for N-busbar 10 x 3

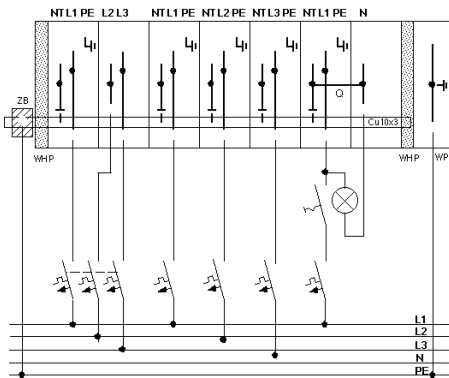
Installation specifications for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. The WDL three-way terminal block meets these requirements. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner. Two independent terminal strips with disconnect elements and a cross-connection system of the N conductor are available:

WDL 2.5/S...

N cross-connection with the proven 10 x 3 mm busbar system up to 140 A. The busbar is fed by a separate clamping yoke (ZB 4-ZB 16) or an N disconnect terminal of the WNT series.

WDL 2.5/S/L/L

Three-phase circuits can be implemented by combining three-way terminals (L 1, N, PE) and WDL 2.5/(S/)L/L two-way terminals (L 2, L 3).



Terminals/accessories

Max. Technical Data	
Dimensions	
Width/length/height (mm)	With TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/rated current/rated cross-section	
Rated voltage/impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
flexible H07V-K and AEH with plastic insul. collar	mm ²
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size
Continuous current rating of cross-connection Q multipole	A

UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA
Ordering data	
Version	
for TS 35 / Wemid	

End plate



Support plate



Small partition for Q

Cross-connection (L/N/NT)



Busbar 10 x 3

Topface busbar till topface TS 35 = 25,5 mm	Cu 140 A	SSch 10 x 3 Cu 034890	1 m
	Ms 100 A	SSch 10 x 3 Ms 025980	1 m

Clamping yoke



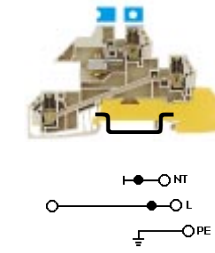
Neutral (N) disconnect terminals

as supply terminals	
End bracket	
Marking tags	
DEK	Consecutive horizontal
DEK	Consecutive vertical

WNT 10	101098	50
WNT 16 N	101900	50
WNT 70 N	951221	10
End bracket		
WEW 35 / 2	106120	50
Marking tags		
DEK 6	046866	500
DEK 6	046876	500

For further accessories see section 3, further marking material see section 8

WDL 2.5/S/NT/L/PE



32 A/4 mm ²
6/84,5/48,7
8 mm/M 2,5/3,5 x 0,6
VDE 0611 Part 4
250V/400V/24 A/2,5 mm ²
250V/400 V/4 kV/3

VDE 0611 Part 4	
250V/400V/24 A/2,5 mm ²	
250V/400 V/4 kV/3	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
flexible H07V-K and AEH with plastic insul. collar	mm ²
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size
Continuous current rating of cross-connection Q multipole	A

UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA
Ordering data	
Version	
for TS 35 / Wemid	

Type Cat. No. Qty.

WAP WDL 2.5/S	106770	20
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Type Cat. No. Qty.

WHP WDL 2.5/S	106798	20
---------------	---------------	----

TSch 1 Cat. No. Qty.

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

TSch 1 Cat. No. Qty.

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu Cat. No. Qty.

SSch 10 x 3 Cu	034890	1 m
SSch 10 x 3 Ms	025980	1 m

ZB 35 K Cat. No. Qty.

ZB 35 K	050268	50
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WNT 10 Cat. No. Qty.

WNT 10	101098	50
WNT 16 N	101900	50
WNT 70 N	951221	10

WEW 35 / 2 Cat. No. Qty.

WEW 35 / 2	106120	50
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DEK 6 Cat. No. Qty.

DEK 6	046866	500
DEK 6	046876	500

WDL 2.5/S-Blöcke
for one three-phase circuit
for three AC circuits



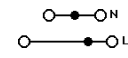
WDL 2.5/S/N



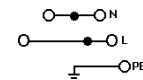
WDL 2.5/S/L



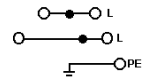
**WDL 2.5/S/
N/L**









**WDL 2.5/S/
N/L/PE**



**WDL 2.5/S/
L/L/PE**



32 A/4 mm ²		32 A/4 mm ²		32 A/4 mm ²		32 A/4 mm ²		32 A/4 mm ²		32 A/4 mm ²	
12/18/84,5/48,7		6/84,5/48,7		6/84,5/48,7		6/84,5/48,7		6/84,5/48,7		6/84,5/48,7	
8 mm/M 2,5/3,5 x 0,6		8 mm/M 2,5/3,5 x 0,6		8 mm/M 2,5/3,5 x 0,6		8 mm/M 2,5/3,5 x 0,6		8 mm/M 2,5/3,5 x 0,6		8 mm/M 2,5/3,5 x 0,6	
250V/400V/24 A/2,5 mm ²		IEC 947-1 400 V/24 A/2,5 mm ²		IEC 947-1 400 V/24 A/2,5 mm ²		IEC 947-1 400 V/24 A/2,5 mm ²		250V/400V/24 A/2,5 mm ²		250V/400V/24 A/2,5 mm ²	
250V/400V/4 kV/3		400 V/6 kV/3		400 V/6 kV/3		400 V/6 kV/3		250V/400 V/4 kV/3		250V/400 V/4 kV/3	
0,4...0,7		0,4...0,7		0,4...0,7		0,4...0,7		0,4...0,7		0,4...0,7	
1		1		1		1		1		1	
0,5...4		0,5...4		0,5...4		0,5...4		0,5...4		0,5...4	
1,5...4		1,5...4		1,5...4		1,5...4		1,5...4		1,5...4	
0,5...4		0,5...4		0,5...4		0,5...4		0,5...4		0,5...4	
0,25...4		0,25...4		0,25...4		0,25...4		0,25...4		0,25...4	
0,25...4		0,25...4		0,25...4		0,25...4		0,25...4		0,25...4	
0,13...4		0,13...4		0,13...4		0,13...4		0,13...4		0,13...4	
A 3		A 3		A 3		A 3		A 3		A 3	
24		24		24		24		24		24	
300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG	
300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG	
 Cat. No. Qty. 103410 25		 Cat. No. Qty. 103090 50		 Cat. No. Qty. 103130 50		 Cat. No. Qty. 103080 50		 Cat. No. Qty. 103070 50		 Cat. No. Qty. 103110 50	
Block of each 103060 + 103120		(NT-Connection coded blue)				(NT-Connection coded blue)		(NT-Connection coded blue)		(NT-Connection coded blue)	
Block of three 103060											
Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
WAP WDL 2.5/S	106770 20	WAP WDL 2.5/S	106770 20	WAP WDL 2.5/S	106770 20	WAP WDL 2.5/S	106770 20	WAP WDL 2.5/S	106770 20	WAP WDL 2.5/S	106770 20
WHP WDL 2.5/S	106798 20										
TSch 1	031916 100	TSch 1	031916 100	TSch 1	031916 100	TSch 1	031916 100	TSch 1	031916 100	TSch 1	031916 100
Q 2	107150 50	Q 2	107150 50	Q 2	107150 50	Q 2	107150 50	Q 2	107150 50	Q 2	107150 50
Q 3	107160 50	Q 3	107160 50	Q 3	107160 50	Q 3	107160 50	Q 3	107160 50	Q 3	107160 50
Q 4	107170 50	Q 4	107170 50	Q 4	107170 50	Q 4	107170 50	Q 4	107170 50	Q 4	107170 50
Q 10	107180 20	Q 10	107180 20	Q 10	107180 20	Q 10	107180 20	Q 10	107180 20	Q 10	107180 20
Q 20	107420 20	Q 20	107420 20	Q 20	107420 20	Q 20	107420 20	Q 20	107420 20	Q 20	107420 20
SSch 10 x 3 Cu	034890 1 m										
SSch 10 x 3 Ms	025980 1 m										
ZB 35 K	050268 50										
WNT 10	101098 50										
WNT 16 N	101900 50										
WNT 70 N	951221 10										
WEW 35 / 2	106120 50	WEW 35 / 2	106120 50	WEW 35 / 2	106120 50	WEW 35 / 2	106120 50	WEW 35 / 2	106120 50	WEW 35 / 2	106120 50
DEK 6	046866 500	DEK 6	046866 500	DEK 6	046866 500	DEK 6	046866 500	DEK 6	046866 500	DEK 6	046866 500
DEK 6	046876 500	DEK 6	046876 500	DEK 6	046876 500	DEK 6	046876 500	DEK 6	046876 500	DEK 6	046876 500

Three-way terminal blocks with N-cross-connection WQV

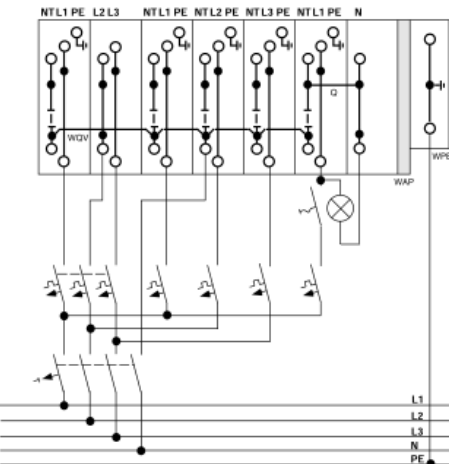
Installation specifications for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. The WDL three-way terminal block meets these requirements. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner. Two independent terminal strips with disconnect elements and a cross-connection system of the N conductor are available:

WDL 2.5...

N cross-connection via the WQV 4 cross-connection system from the W series. The supply power is fed directly via a clamping yoke in the terminal.

WDL 2.5/L/L

Three-phase circuits can be implemented by combining three-way terminals (L 1, N, PE) and WDL 2.5/L/L two-way terminals (L 2, L 3).



Terminals/accessories

Max. Technical Data	
Dimensions	
Width/length/height (mm)	With TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/rated current/rated cross-section	
Rated voltage/impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
flexible H07V-K and AEH with plastic insul. collar	mm ²
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size
Continuous current rating of cross-connection Q multipole	A
Continuous current rating of cross-connection WQV 4 multipole	A
UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA
Ordering data	Version
	for TS 35 / Wemid

End plate



Small partition for Q...



Cross-connection (L, NT, N)



Cross-connection* Input (L, NT, N)



Notching tool for WQV



End bracket



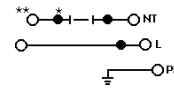
Marking tags

DEK	Consecutive horizontal
DEK	Consecutive vertical
WS	Blank
WS DEK	Printed

For further accessories see section 3, further marking material see section 8

* Cross-connection WQV 4
** Connection 4/6 mm² / A4

WDL 2.5/NT/L/PE



29 A/4 mm²

6/90/48,7

8 mm/M 2,5/3**/3,5 x 0,6

VDE 0611 Part 4

250V/400V/24 A/2,5/4** mm²

250V/400 V/4 kV/3

0,4...0,7

1

0,5...4/6**

1,5...4/6**

0,5...4/6**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,13...4

24

29 (Center supply 40A)

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

102980 50

(NT-Connection coded blue)

Type Cat. No. Qty.

WAP WDL 2.5 106780 20

TSch 1 031916 100

Q 2 107150 50

Q 3 107160 50

Q 4 107170 50

Q 10 107180 20

Q 20 107420 20

WQV 4/2 105196 50

WQV 4/3 105456 50

WQV 4/4 105466 50

WQV 4/10 105206 20

WAW 1 900450 1

WEW 35 / 2 106120 50

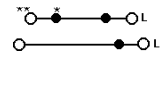
DEK 6 046866 500

DEK 6 046876 500

WS 8/5 164074 -

WS 8/5 158008 -

WDL 2.5/L/L



31 A/4 mm²

6/90/48,7

8 mm/M 2,5/3**/3,5 x 0,6

IEC 947-7-1

400 V/24 A/2,5/4** mm²

400 V/6 kV/3

0,4...0,7

1

0,5...4/6**

1,5...4/6**

0,5...4/6**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,13...4

24

31

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

Cat. No. Qty.

103030 50

Type Cat. No. Qty.

WAP WDL 2.5 106780 20

TSch 1 031916 100

Q 2 107150 50

Q 3 107160 50

Q 4 107170 50

Q 10 107180 20

Q 20 107420 20

WQV 4/2 105196 50

WQV 4/3 105456 50

WQV 4/4 105466 50

WQV 4/10 105206 20

WAW 1 900450 1

WEW 35 / 2 106120 50

DEK 6 046866 500

DEK 6 046876 500

WS 8/5 164074 -

WS 8/5 158008 -

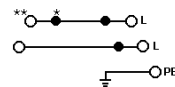
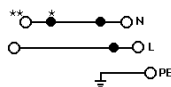
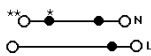
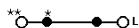
WDL 2.5/N

WDL 2.5/L

WDL 2.5/N/L

WDL 2.5/N/L/PE

WDL 2.5/L/L/PE



32 A/4 mm²

32 A/4 mm²

31 A/4 mm²

31 A/4 mm²

31 A/4 mm²

6/90/48,7

6/90/48,7

6/90/48,7

6/90/48,7

6/90/48,7

8 mm/M 2,5/3**/3,5 x 0,6

8 mm/M 2,5/3**/3,5 x 0,6

8 mm/M 2,5/3**/3,5 x 0,6

8 mm/M 2,5/3**/3,5 x 0,6

8 mm/M 2,5/3**/3,5 x 0,6

IEC 947-7-1

IEC 947-7-1

IEC 947-7-1

IEC 947-7-1

IEC 947-7-1

400 V/24 A/2,5/4** mm²
400 V/6 kV/3

400 V/24 A/2,5/4** mm²
400 V/6 kV/3

400 V/24 A/2,5/4** mm²
400 V/6 kV/3

250V/400V/24 A/2,5/4** mm²
250V/400 V/4 kV/3

250V/400V/24 A/2,5/4** mm²
250V/400 V/4 kV/3

0,4...0,7

0,4...0,7

0,4...0,7

0,4...0,7

0,4...0,7

1

1

1

1

1

0,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/6**

1,5...4/6**

1,5...4/6**

1,5...4/6**

1,5...4/6**

1,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/6**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

0,5...4/4**

A 3/A 4**

A 3/A 4**

A 3/A 4**

A 3/A 4**

A 3/A 4**

24

24

24

24

24

32

32

31

31 (Center supply 40A)

31

300 V/15 A/22...12 AWG

300 V/15 A/22...12 AWG

300 V/15 A/22...12 AWG

300 V/15 A/22...12 AWG

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG


300 V/10 A/26...12 AWG


300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.
103010 50

 Cat. No. Qty.
103040 50

 Cat. No. Qty.
103000 50

 Cat. No. Qty.
102990 50

 Cat. No. Qty.
103020 50

(NT-Connection coded blue)

(NT-Connection coded blue)

(NT-Connection coded blue)

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

WAP WDL 2.5 **106780** 20

WAP WDL 2.5 **106780** 20

WAP WDL 2.5 **106780** 20

WAP WDL 2.5 **106780** 20

WAP WDL 2.5 **106780** 20

TSch 1 **031916** 100

TSch 1 **031916** 100

TSch 1 **031916** 100

TSch 1 **031916** 100

TSch 1 **031916** 100

Q 2 **107150** 50

Q 2 **107150** 50

Q 2 **107150** 50

Q 2 **107150** 50

Q 2 **107150** 50

Q 3 **107160** 50

Q 3 **107160** 50

Q 3 **107160** 50

Q 3 **107160** 50

Q 3 **107160** 50

Q 4 **107170** 50

Q 4 **107170** 50

Q 4 **107170** 50

Q 4 **107170** 50

Q 4 **107170** 50

Q 10 **107180** 20

Q 10 **107180** 20

Q 10 **107180** 20

Q 10 **107180** 20

Q 10 **107180** 20

Q 20 **107420** 20

Q 20 **107420** 20

Q 20 **107420** 20

Q 20 **107420** 20

Q 20 **107420** 20

WQV 4/2 **105196** 50

WQV 4/2 **105196** 50

WQV 4/2 **105196** 50

WQV 4/2 **105196** 50

WQV 4/2 **105196** 50

WQV 4/3 **105456** 50

WQV 4/3 **105456** 50

WQV 4/3 **105456** 50

WQV 4/3 **105456** 50

WQV 4/3 **105456** 50

WQV 4/4 **105466** 50

WQV 4/4 **105466** 50

WQV 4/4 **105466** 50

WQV 4/4 **105466** 50

WQV 4/4 **105466** 50

WQV 4/10 **105206** 20

WQV 4/10 **105206** 20

WQV 4/10 **105206** 20

WQV 4/10 **105206** 20

WQV 4/10 **105206** 20

WAW 1 **900450** 1

WAW 1 **900450** 1

WAW 1 **900450** 1

WAW 1 **900450** 1

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

WEW 35 / 2 **106120** 50

DEK 6 **046866** 500

DEK 6 **046866** 500

DEK 6 **046866** 500

DEK 6 **046866** 500

DEK 6 **046866** 500

DEK 6 **046876** 500

DEK 6 **046876** 500

DEK 6 **046876** 500

DEK 6 **046876** 500

DEK 6 **046876** 500

WS 8/5 **164074** -

WS 8/5 **164074** -

WS 8/5 **164074** -

WS 8/5 **164074** -

WS 8/5 **164074** -

WS 8/5 **158008** -

WS 8/5 **158008** -

WS 8/5 **158008** -

WS 8/5 **158008** -

WS 8/5 **158008** -

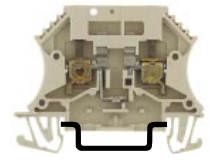
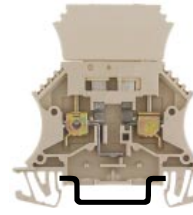
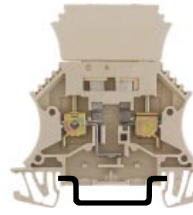
Disconnect test terminal blocks

WTR 2.5

WTR 2.5 D with diode plug

WTR 2.5 D with StB with diode plug and 2.3 socket

WTR 2.5 without disconnecter



Max. Technical Data

Dimensions	
Width/length/height (mm)	mit TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage VDE 0110/1.89 / pollution severity	

Further technical data

Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	

Clampable conductor

solid H07V-U	mm ²	0,5...4
stranded H07V-R	mm ²	1,5...4
flexible H07V-K	mm ²	0,5...2,5
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...2,5
flexible H07V-K and AEH with plastic insul. collar	mm ²	0,5...2,5 ¹⁾
Max. Clamping Range in mm ²	Gauge pin to 947-1	Size
Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	

UL / CSA rated data

Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

Ordering data

Version

Wemid	no StB	101110	100
Wemid	2 StB 2.3**	101120	100
Blue Wemid	no StB	101118	100
Blue Wemid	2 StB 2.3**	101128	100
Wemid	2 StB 2.0**	101300	100
Orange PA		101116	100

16 A/1,5 mm ²	
5/60/49	
10 mm/M 2,5/3**/3,5 x 0,6	
800 V/16* A/2,5 mm ²	
8 kV/3	
0,4...0,8/0,5...1,0**	
1/2**	
0,5...4	
1,5...4	
0,5...2,5	
0,5...2,5	
0,5...2,5 ¹⁾	
0,13...4	A 3
26	
300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	

16 A/1,5 mm ²	
5/60/49 + 18 für WSD	
10 mm/M 2,5/3,5 x 0,6	
500 V/16* A/2,5 mm ²	
6 kV/3	
0,4...0,8	
1	
0,5...4	
1,5...4	
0,5...2,5	
0,5...2,5	
0,5...2,5 ¹⁾	
0,13...4	A 3
26	
300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	

16 A/1,5 mm ²	
5/60/49 + 18 für WSD	
10 mm/M 3/3,5 x 0,6	
500 V/16* A/2,5 mm ²	
6 kV/3	
0,5...1,0	
2	
0,5...4	
1,5...4	
0,5...2,5	
0,5...2,5	
0,5...2,5 ¹⁾	
0,13...4	A 3
26	
300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	

16 A/1,5 mm ²	
5/60/49	
10 mm/M 2,5/3**/3,5 x 0,6	
800 V/16* A/2,5 mm ²	
8 kV/3	
0,4...0,8/0,5...1,0**	
1/2**	
0,5...4	
1,5...4	
0,5...2,5	
0,5...2,5	
0,5...2,5 ¹⁾	
0,13...4	A 3
26	
300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	

End plate / partition

WAP (Thickness 1,5 mm)	Wemid	WAP 2.5-10	105000	50
Wemid	Blue Wemid	WAP 2.5-10 BL	105008	50
WTW	Wemid	WTW 2.5-10	105010	20

Cross-connection

QL 2-10	QL 2	021580	100
	QL 3	021590	100
	QL 4	021600	50
VQB	QL 10	033800	20
PS	BS-M 2,5x4,5	106270	100
	PS 2.3 (ø 2,3)	018040	20
	PS 2.0 (ø 2,0)	029380	20
Cross-connection plug (2-pole, ø 2,3)	WDS 2	106990	20

Notching tool

To notch the punch-out in the terminal moulding for cross-connections

Screwdriver

SDIK	SDIK für StB	902493	
------	--------------	---------------	--

Diode plug (spare)

+	WSD 2.5	105846	25
+	WSD 2.5	105856	25
With wire link	WSD 2.5	105866	25
Without special components	WSD 2.5	105876	25

Marking tags

DEK	Consecutive horizontal	DEK 5	047346	-
DEK	Consecutive vertical	DEK 5	047356	-
WS	Blank	WS 12/5	160986	-
WS DEK	Printed	WS 12/5	144746	-

For further accessories see section 3, further marking material see section 8

¹⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

* Rated current is limited to 1 A when using the diode plug with soldered diode
** M3 thread for versions with socket (StB)

WTR 2.5/ZZ

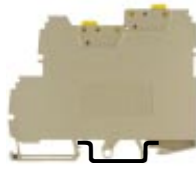
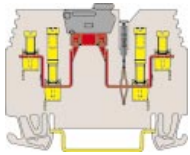
WDTR 2.5

WDTR 2.5/WE

WDL 2.5TR-DU-PE

WDL 2.5TR-DU

SAKC 4/35



WTR 2.5/ZZ		WDTR 2.5		WDTR 2.5/WE		WDL 2.5TR-DU-PE		WDL 2.5TR-DU		SAKC 4/35	
14 A/1,5 mm ²		10 A/1,5 mm ²		10 A/1,5 mm ²		29 A/4 mm ²		31 A/4 mm ²			
5/60/49		6,2/94/69		6,2/81/69		6/90/48,7		6/90/48,7		6,5/49,5/42,5/59,5	
7 mm/M 3/3,5 x 0,6		8 mm/M 3/3,5 x 0,6		8 mm/M 3/3,5 x 0,6		8 mm/M 2,5/3**/3,5 x 0,6		8 mm/M 2,5/3**/3,5 x 0,6		12 mm/M 3/3,5 x 0,6	
400 V/14* A/2,5 mm ²		400 V/13* A/2,5 mm ²		400 V/10* A/2,5 mm ²		250V/400V/24 A/2,5/4** mm ²		400 V/24 A/2,5/4** mm ²		400 V/25 A/4 mm ²	
6 kV/3		4 kV/3		4 kV/3		250V/400 V/4 kV/3		400 V/6 kV/3		6 kV/3	
0,5...0,6		0,5...0,6		0,5...0,6		0,4...0,7		0,4...0,7		0,5...1,0/0,5 StB	
2		2		2		1		1		2/1	
0,5...4		0,5...4		0,5...4		0,5...4		0,5...4		0,5...6	
1,5...4		1,5...4		1,5...4		1,5...4		1,5...4		1,5...4	
0,5...2,5		0,5...2,5		0,5...2,5		0,5...4		0,5...4		0,5...4	
0,5...2,5		0,5...2,5		0,5...2,5		0,5...4		0,5...4		0,5...4	
0,5...2,5 ¹⁾		0,5...2,5		0,5...2,5		0,5...4		0,5...4		0,5...4	
0,13...4	A 3	0,13...4	A 3	0,13...4	A 3	0,13...4	A 3	0,13...4	A 3		A 4
24		24		24		20		20		10	
300 V/10 A/22...12 AWG***		300 V/10 A/22...12 AWG***		300 V/10 A/22...12 AWG***		300 V/15 A/22...12 AWG		300 V/15 A/22...12 AWG		300 V/-/22...12 AWG	
300 V/10 A/26...12 AWG***		300 V/10 A/26...12 AWG***		300 V/10 A/26...12 AWG***		300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG		300 V/25 A/22...10 AWG	
Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.	
2 StB 2,3**	103990 100	952807	25	952809	25	102981	50	102982	50	KrG	035756 50
2 StB 2,3**	103998 100	952808	25	952810	25					KrG 2StB 2,3	035766 50
Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
WAP WTR2.5/ZZ	107460 20					WAP WDL 2.5	106780 20	WAP WDL 2.5	106780 20	AP	017760 20
WAP WTR2.5/ZZ	107468 20									TW(1.5)	013016 20
										TW(1.0)	029710 20
ZQV 2.5/2	160886 60	QVB 1.5/50 BL	163328 5	QVB 1.5/50 BL	163328 5	Q 2	107150 50	Q 2	107150 50	QB 2	048270 100
ZQV 2.5/3	160887 60	QVB 1.5/50 RT	163329 5	QVB 1.5/50 RT	163329 5	Q 3	107160 50	Q 3	107160 50	QB 3	048280 50
ZQV 2.5/4	160888 60	QVB 1.5/50 SW	163512 5	QVB 1.5/50 SW	163512 5	Q 4	107170 50	Q 4	107170 50	QB 4	048290 50
ZQV 2.5/5	160889 20					Q 10	107180 20	Q 10	107180 20	Q 25 Blank	013400 20
ZQV 2.5/6	160890 20					Q 20	107420 20	Q 20	107420 20		
ZQV 2.5/7	160891 20					WQV 4/2	105196 50	WQV 4/2	105196 50		
ZQV 2.5/8	160892 20					WQV 4/3	105456 50	WQV 4/3	105456 50		
ZQV 2.5/9	160893 20					WQV 4/4	105466 50	WQV 4/4	105466 50		
ZQV 2.5/10	160894 20					WQV 4/10	105206 20	WQV 4/10	105206 20	PS 2.3 (ø 2,3)	018040 20
PS 2.3 (ø 2,3)	018040 20	PS 2.3 (ø 2,3)	018040 20	PS 2.3 (ø 2,3)	018040 20	WAW 1	900450 1	WAW 1	900450 1		
SDIK für StB	902493	SDIK für StB	902493	SDIK für StB	902493						
WSD 2.5	105846 25	WSD 2.5	105846 25	WSD 2.5	105846 25						
WSD 2.5	105856 25	WSD 2.5	105856 25	WSD 2.5	105856 25						
WSD 2.5	105866 25	WSD 2.5	105866 25	WSD 2.5	105866 25						
WSD 2.5	105876 25	WSD 2.5	105876 25	WSD 2.5	105876 25						
DEK 5	047346 -	DEK 6.5	046816 -	DEK 6.5	046816 -	DEK 6	046866 500	DEK 6	046866 500	DEK 6,5	046816 -
DEK 5	047356 -	DEK 6.5	046826 -	DEK 6.5	046826 -	DEK 6	046876 500	DEK 6	046876 500	DEK 6,5	046826 -
WS 8/5	164074 -	WS 12/6	160990 -	WS 12/6	160990 -	WS 8/5	164074 -	WS 8/5	164074 -		
WS 8/5	158008 -	WS 12/6	144766 -	WS 12/6	144766 -	WS 8/5	158008 -	WS 8/5	158008 -		

*** applied for

Disconnect test terminal blocks

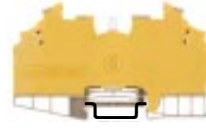
WDT 1.5/1
with space saving TOP-con-
nection

WDT 1.5/2
with space saving TOP-con-
nection

WDT 1.5/3
with space saving TOP-con-
nection



for further technical
Informationen see Page 2/25



for further technical
Informationen see Page 2/25



for further technical
Informationen see Page 2/25

Max. Technical Data

Dimensions					
Width/length/height (mm)	mit TS 35 x 7,5		6,5/112/67	6,5/112/67	6,5/112/67
Insulation stripping length/clamping screw/screwdriver blade			10 mm/M 2,5/3,5 x 0,6	10 mm/M 2,5/3,5 x 0,6	10 mm/M 2,5/3,5 x 0,6
Rated data					
Rated voltage/rated current/rated cross-section			250 V/10 A/1,5 mm ²	250 V/10 A/1,5 mm ²	250 V/10 A/1,5 mm ²
Rated impulse voltage VDE 0110/1.89 / pollution severity			4 kV/3	4 kV/3	4 kV/3
Further technical data					
Tightening torque range	Nm		0,4...0,8	0,4...0,8	0,4...0,8
Torque setting with DMS2 electric screwdriver			1	1	1
Clampable conductor					
solid H07V-U	mm ²		0,5...2,5	0,5...2,5	0,5...2,5
stranded H07V-R	mm ²		1,5...2,5	1,5...2,5	1,5...2,5
flexible H07V-K	mm ²		0,5...1,5	0,5...1,5	0,5...1,5
flexible H07V-K and AEH DIN 46 228/1	mm ²		0,5...1,5	0,5...1,5	0,5...1,5
flexible H07V-K and AEH with plastic insul. collar	mm ²		0,5...1,5	0,5...1,5	0,5...1,5
Max. Clamping Range in mm ²	Gauge pin to 947-1	Size	0,13...2,5	A 2	0,13...2,5
Continuous current rating of cross-connection 2-pole		A			
Continuous current rating of cross-connection multipole		A			
UL / CSA rated data					
Voltage / current / conductor size	UL		150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG
Voltage / current / conductor size	CSA		150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG
Ordering data		Version	Cat. No.	Qty.	Cat. No.
		Wemid			
		Wemid			
		Blue Wemid			
		Blue Wemid			
		Wemid			
		Dark beige/yellow Wemid	101580	25	101590
		Beige/yellow PA	101586	25	101556
		Blue/hellblau PA			101600
		Orange PA			101576
					101616

Test plug		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	PS	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20

Marking tags		Print	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
DEK		Consecutive horizontal	DEK 6.5	046816	-	DEK 6.5	046816	-
DEK		Consecutive vertical	DEK 6.5	046826	-	DEK 6.5	046826	-
WS		Blank	WS 8/5	164074	-	WS 8/5	164074	-
WS		Printed	WS 8/5	158008	-	WS 8/5	158008	-

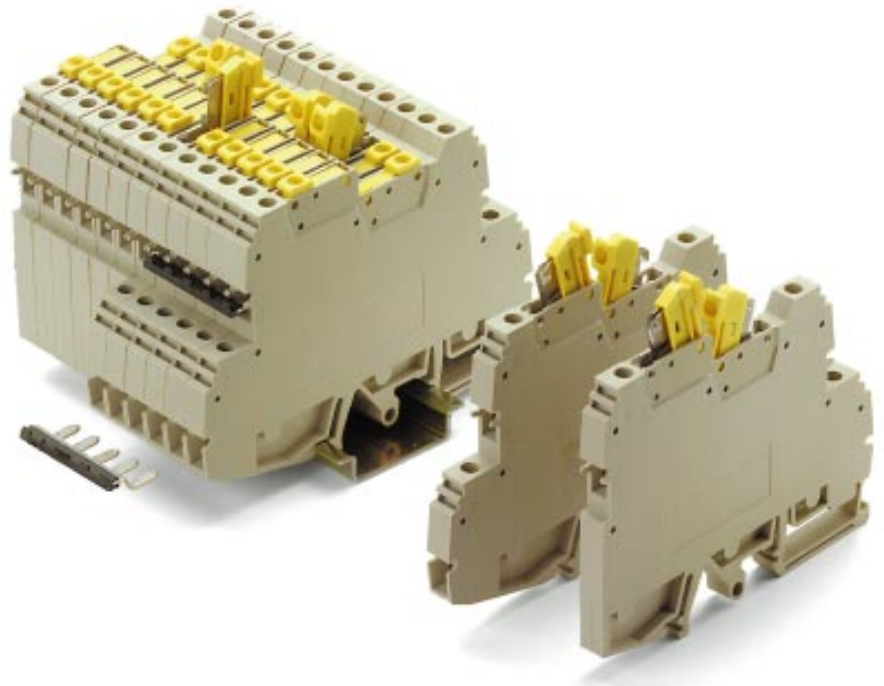
For further accessories see section 3, further marking material see section 8

1) Ferrules with optimum diam. for terminals
with 5 mm pitch: Cat. No. 133310

WDTR 2.5
WDTR 2.5/WE
Dual disconnect test terminal blocks
W series

The compact WDTR 2.5 enables the disconnection of one and two pole signal wires.

- 1 space-saving construction, only 6.2 mm wide
- 1 quick and easy cross-connection thanks to clip-on external cross-connections
- 1 reduction in accessories due to dual shell construction
- 1 test point via plug socket
- 1 Top SD operable disconnecter
- 1 identification of disconnection level using raised portion
- 1 continuous temperature of Wemid insulating material 120 °C
- 1 flammability V0 according to UL 94



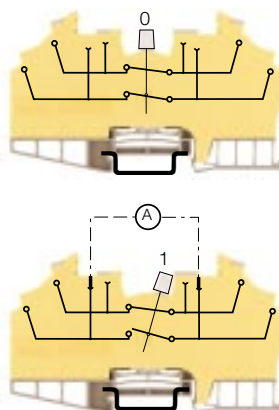
WDTR 2.5 and WDTR 2.5/WE dual disconnect test terminal blocks can be found on page 2/23.

Switching examples
WDT 1.5/...
Disconnect test terminals
W series

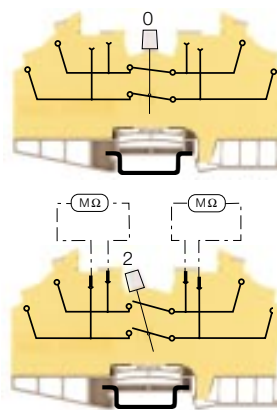
The WDT 1.5 enables the disconnection of one and two pole signal wires. By simply operating the selection switch, insulation and current measurements can be performed.

- 1 quick and reliable conductor connection thanks to TOP connection with open terminal point
- 1 test point via plug socket
- 1 clear colour coding of conductor connection, test point and switch position
- 1 non-symmetrical shape enhances mounting rail orientation
- 1 high distortion stiffness thanks to dual shell enclosed terminal carrier

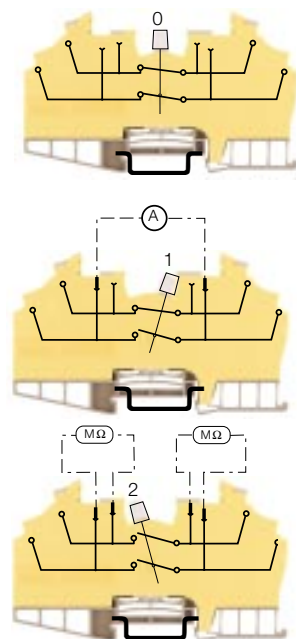
WDT 1.5/1
with space-saving TOP connection



WDT 1.5/2
with space-saving TOP connection

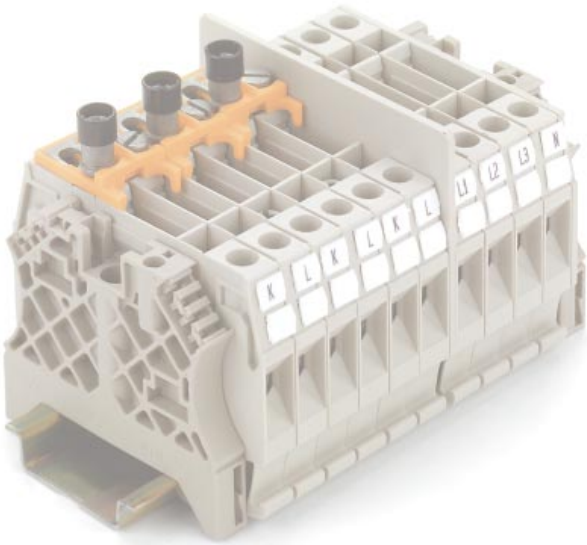


WDT 1.5/3
with space-saving TOP connection



WDT 1.5/... disconnect test terminal blocks can be found on page 2/23.

Testing - Made easy
WTL 6/1/STB
WTQ 6/1
WTD 6/1

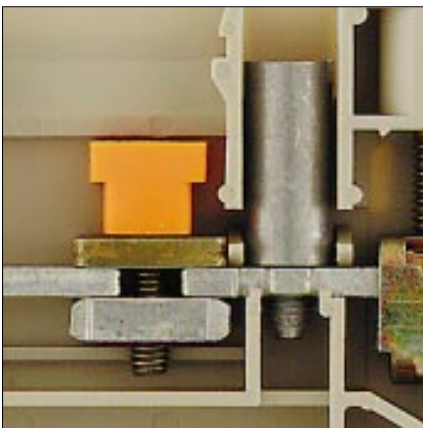


Current transformer circuits must always have closed a secondary current circuit. The same applies to the exchange of information from measuring instruments or electricity meters and when carrying out reference measurements with external measuring instruments.

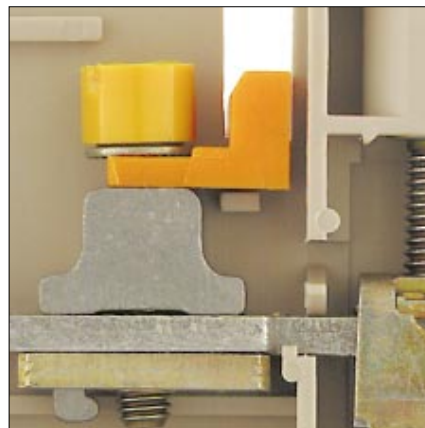
Various easy and cost-effective wiring solutions

can be solved with the lateral disconnect terminals WTL 6/1, the feed-through terminals WTD 6/1 and the cross-disconnect terminals WTQ 6/1, and with the help of the functionally designed accessories.

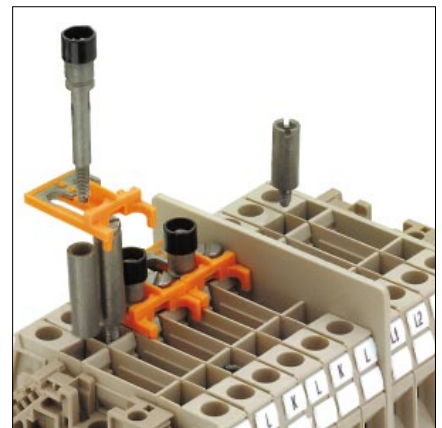
Examples: simple current transformer circuits, transformer test sets, etc.



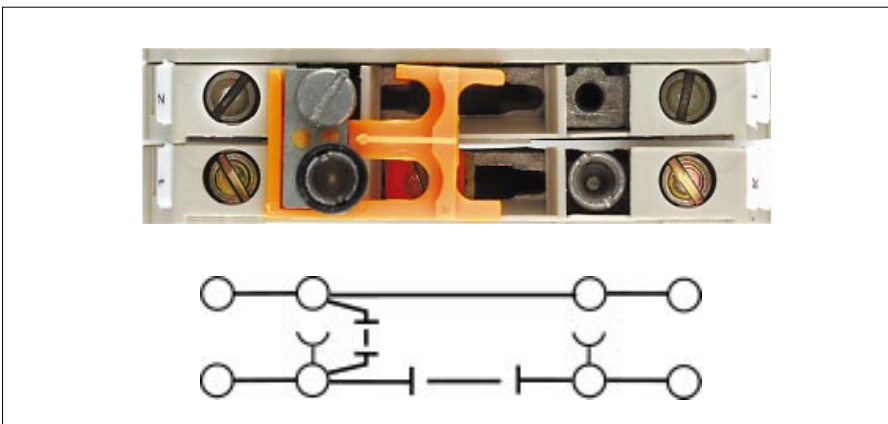
Slide linck that are easy to apply



Safe cross-connections



Standard accessories



1 cross-connection slider per terminal



2 DEK-labels per connection point

The New Generation of Current Transformer Terminals

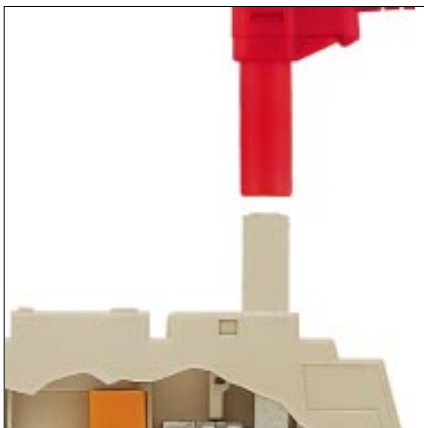
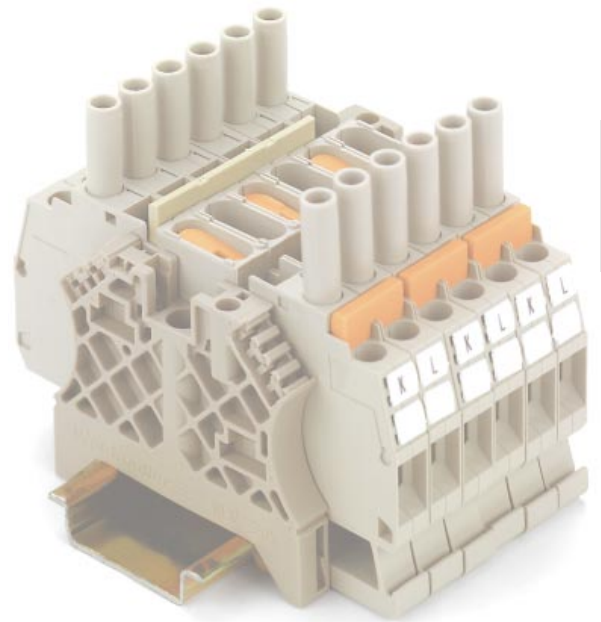
WTL 6/2

WTL 6/3/STB

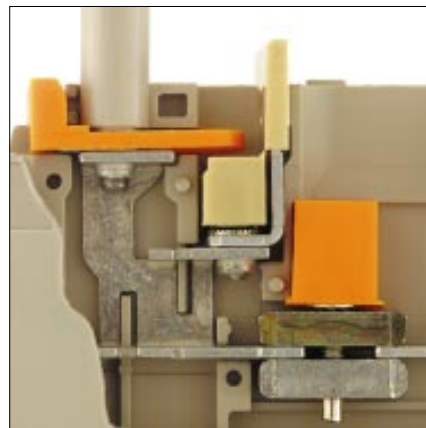
All circuits found in practice can be realised with WTL6/2 terminals (only one basic version) and only a few accessory parts.

The cross-connection sliders are designed to be safe from finger-contact. The installation of two additional cross-connections for the K-point distribution is possible. These are standard cross-connections, WQV 6/..., of the W-series that enable individual terminals to be skipped.

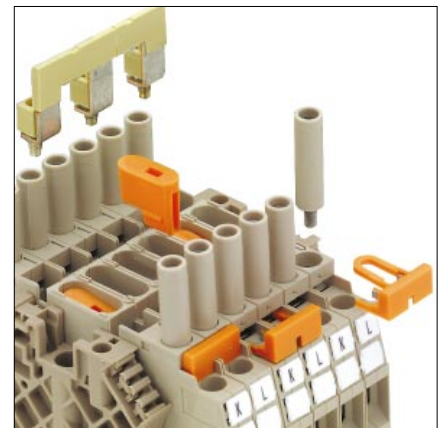
The WTL 6/3 terminal is the safe-handling version of the WTL 6/2 terminal. Due to the specially designed test sockets, either conventional test plugs or commercially available safety test plugs can be used.



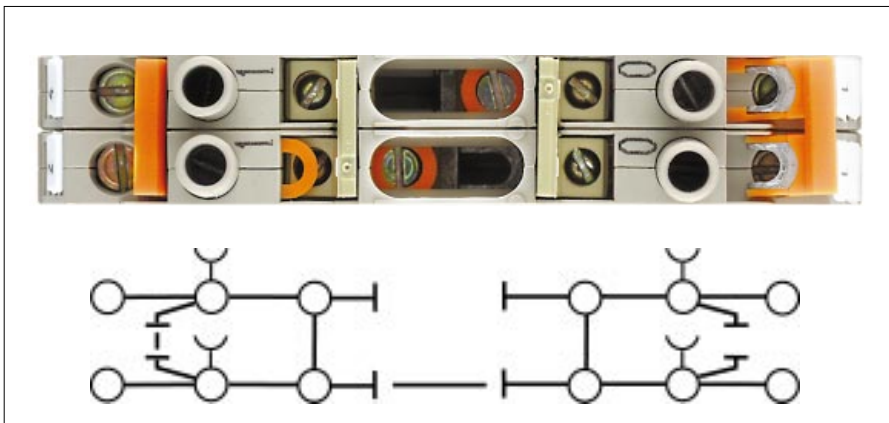
Testing points that are protected against finger-touch to VBG 4



Compact construction: Slide link, cross-connection, cross-connection slider



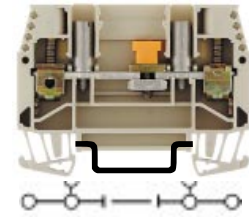
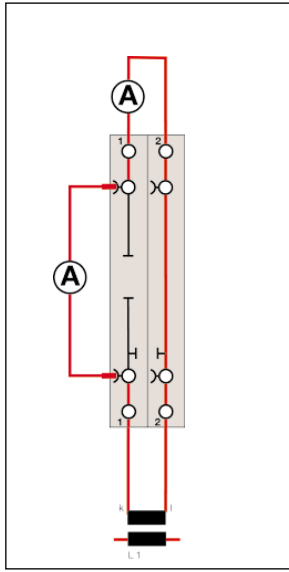
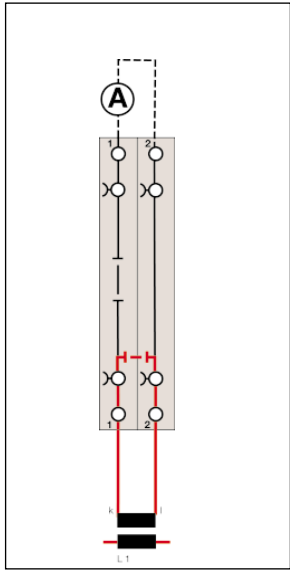
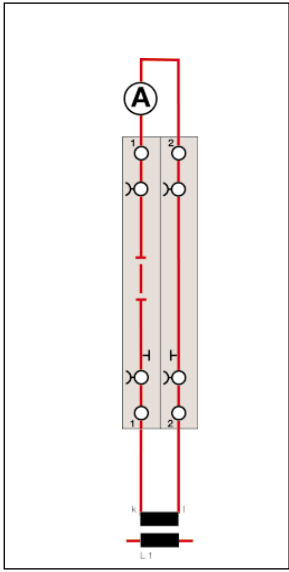
Optimised accessories for all circuit variants



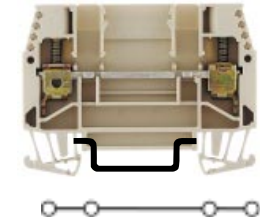
2 cross-connections sliders and 2 cross-connections per terminal



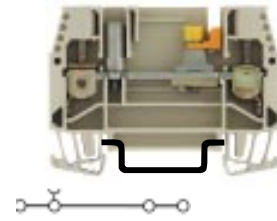
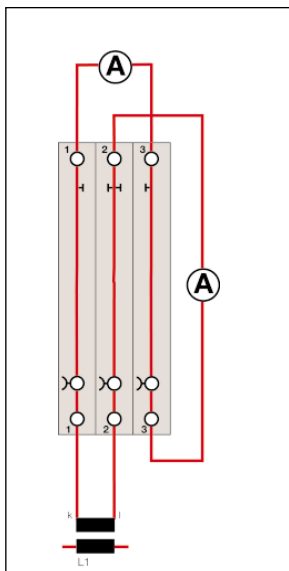
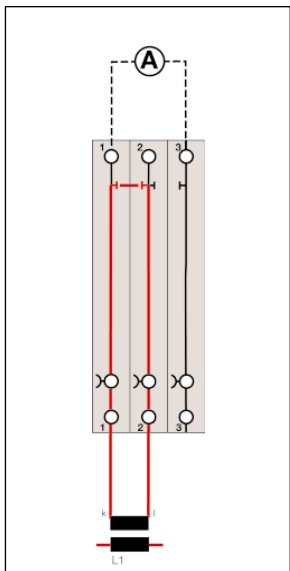
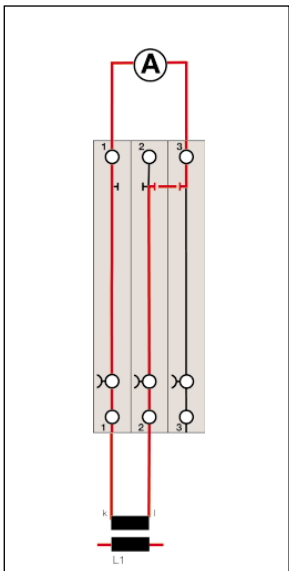
2 DEK-labels per connection point



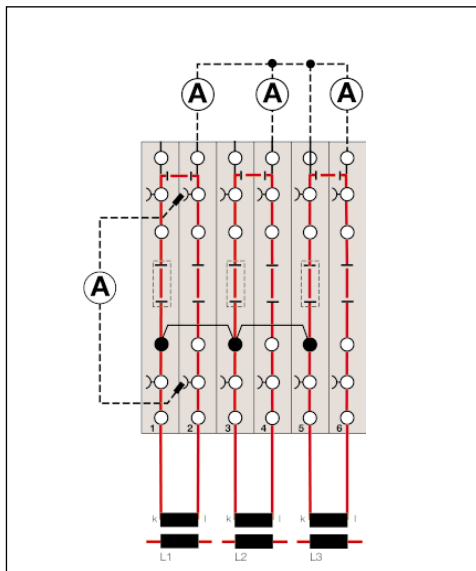
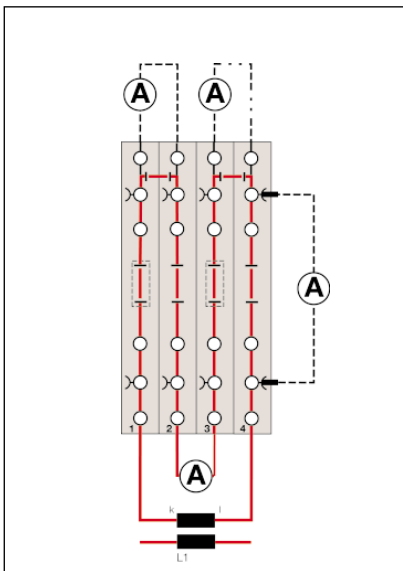
WTL 6/1/STB



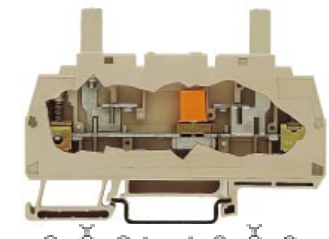
WTD 6/1



WTQ 6/1



WTL 6/2



WTL 6/3/STB

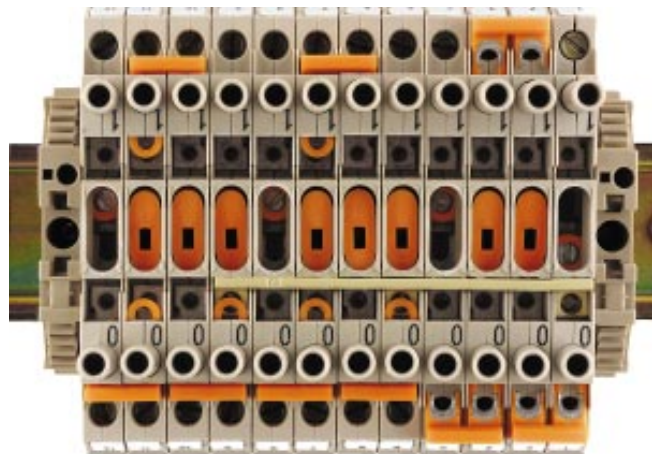
**Three-phase
Current Transformer Circuit
with WTL 6/3/STB**



**Three-phase Current Transformer
Circuit with 12 WTL 6/3/STB**

Requirement

1. The K-point must be routed together from the transformers to the measurement terminal set, so that only 4 wires are required.
2. 3 ammeters or relays (network protection) must be switchable in series for each phase
3. The current flowing via the K-point must be able to be measured with control measurement devices during operation.
4. It must be possible to disconnect the ammeters individually, without operating the transformer open-circuit. All remaining measurement devices must remain in operation without any change.
5. It must be possible to »daisychain« control measurement devices and transducing sensors for each phase; these devices may be connected with the help of test plugs.



Solution

With 12 WTL 6/3/STB disconnect test terminal blocks, a three-phase current transformer circuit can be realised with 3 ammeters that are connected in series.

L1 Residual Current Measurement

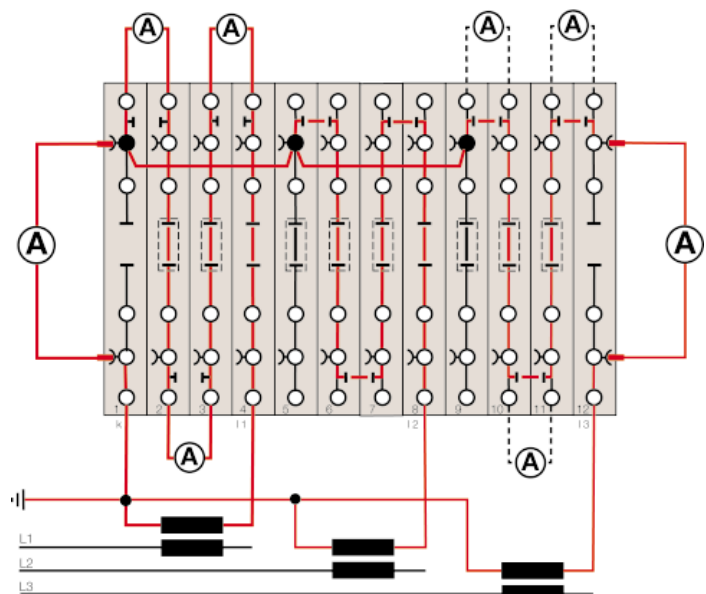
Ammeter hard-wired =>
Cross-connection slider opened
Control ammeter connected =>
Slide link opened

L2 Transformer Short-Circuit

Cross-connection slider closed =>
Ammeter disconnected

**L-3 Control Measurement by External
Ammeter**

Control ammeter connected =>
Slide link opened
3 cross-connection sliders closed =>
3 ammeter disconnected



Disconnect test terminal blocks

Current transformers must always have a closed, secondary circuit, even when exchanging measuring instruments or electricity meters and when carrying out reference measurements with external measuring instruments.

Various easy and clear wiring solutions can be found using lateral disconnect terminals WTL 6/1, feed-through terminals WTD 6/1 and cross-disconnect terminals WTQ 6/1.

Examples:

Simple current transformer circuits

Measurement transformer test sets.

With one basic version, the WTL 6/2 can fulfill all circuit tasks occurring in practice as a lateral disconnect terminal. The short-circuit slides are of shock-proof design. Two short-circuit slides can be installed.

The WTL 6/3 is identical in function with the WTL 6/2 and is suitable for safety plug use due to its test socket StB 19.1 which is safe from finger-touch. Coloured sockets can be obtained for WTL 6/3.

Meter test set with WTL 6/1

Combination of lateral disconnect terminal and feed-through terminal (example)

WTL 6/1/STB

WTD 6/1



Max. Technical Data

Dimensions	
Width/length/height (mm)	mit TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage VDE 0110/1.89 / pollution severity	

Further technical data

Tightening torque range	Nm	0,8...1,6/0,4...0,8*
Torque setting with DMS2 electric screwdriver		
Clampable conductor		
solid H07V-U	mm ²	0,5...10
stranded H07V-R	mm ²	1,5...10
flexible H07V-K	mm ²	0,5...10
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...6
flexible H07V-K and AEH with plastic insul. collar	mm ²	0,5...6
Max. Clamping Range in mm ²	Gauge pin to 947-1	Size A 5
Continuous current rating of cross-connection 2...5 -pole A		
Continuous current rating of cross-connection 6...10 -pole A		

UL / CSA rated data

Voltage / current / conductor size	UL	600 V/45 A/20...8 AWG
Voltage / current / conductor size	CSA	300 V/45 A/20...8 AWG

Ordering data	Type
With Socket	Wemid
Without Socket	Wemid

End plate / partition

Thickness	1,5 mm
-----------	--------



Small partition



Cross-connections

QL 2	2-pole
QL 3	3-pole
QL 4	4-pole
QL 10	10-pole
QVS	WQV
WKS	
VH 12	
VH 19	

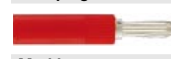
Socket

Socket Type StB 25 accepts test plug PS 4 in Type WTL 6/1 disconnect terminals or Type QS cross-connection plugs. The Type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS).

Disconnect lock

Prevents undesired opening of the disconnecter
--

Test plug



Marking tags

Print
DEK Consecutive horizontal
DEK Consecutive vertical
WS Blank
WS DEK Printed

57 A/10 mm²

8/65/48,2
12 mm/M 3,5/3/4,0 x 0,8

500 V**/41 A/6 mm²
6 kV/3

0,8...1,6/0,4...0,8*
3

0,5...10
1,5...10
0,5...10
0,5...6
0,5...6
0,5...10 A 5

(QL 2...5) 47
(QL 6...10) 36

600 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

Type	Cat. No.	Qty.
WAP WTL	106830	20
WTW WTL	106840	20

TSch 2 035366 100

QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS M 3x20 Cu	037710	100
VH 12	024900	100
QVS 2	030730	20
QVSK 2	167036	20
QVS 3	032930	20
QVS 4	030740	20
BS 25 blank	033470	100
VH 19	031800	100

StB 25 GE	026720	50
StB 25 GN	027120	50
StB 25 VI	027130	50
StB 35 GE	038900	50
StB 35 GN	038890	50
StB 35 VI	038910	50
StB 14	016990	50
SSP 3	053176	100

PS 4 029960 20

DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

57 A/10 mm²

8/65/48,2
12 mm/M 3,5/3/4,0 x 0,8

400 V/41 A/6 mm²
6 kV/3

0,8...1,6/0,4...0,8*
3

0,5...10
1,5...10
0,5...10
0,5...6
0,5...6
0,5...10 A 5

(QL 2...5) 47
(QL 6...10) 36

600 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

Type	Cat. No.	Qty.
WAP WTL	106830	20
WTW WTL	106840	20

TSch 2 035366 100

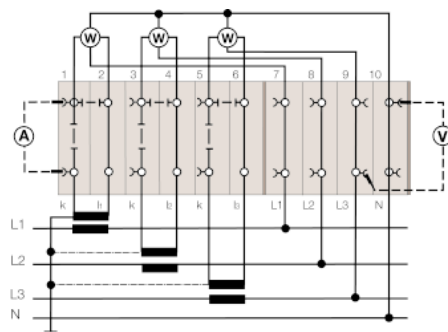
QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS M 3x20 Cu	037710	100
VH 12	024900	100
QVS 2	030730	20
QVSK 2	167036	20
QVS 3	032930	20
QVS 4	030740	20
BS 25 blank	033470	100
VH 19	031800	100

StB 25 GE	026720	50
StB 25 GN	027120	50
StB 25 VI	027130	50
StB 35 GE	038900	50
StB 35 GN	038890	50
StB 35 VI	038910	50
StB 14	016990	50
SSP 3	053176	100

PS 4 029960 20

DEK 8	127696	-
DEK 8	128966	-
WS 12/6,5	160992	-
WS 12/6,5	156895	-

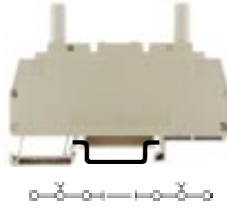
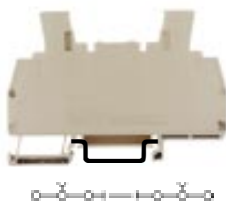
* Disconnect element ** 400 V as disconnect terminal block



WTQ 6/1

WTL 6/2

WTL 6/3/STB



57 A/10 mm²
8/65/48,2
12 mm/M 3,5/3*/4,0 x 0,8

57 A/10 mm²
8/87/61,8
-M 3,5/3*/4,0 x 0,8

57 A/10 mm²
8/87/61,8
-M 3,5/3*/4,0 x 0,8

400 V/41 A/6 mm²
6 kV/3

400 V/41 A/6 mm²
6 kV/3

400 V/41 A/6 mm²
6 kV/3

0,8...1,6/0,4...0,8*
3

0,8...1,6/0,4...0,8*
3

0,8...1,6/0,4...0,8*
3

0,5...10
1,5...10
0,5...10
0,5...6
0,5...6
0,5...10 A 5
(QL 2...5) 47
(QL 6...10) 36

0,5...10
1,5...10
0,5...10
0,5...6
0,5...6
0,5...10 A 5
63
63

0,5...10
1,5...10
0,5...10
0,5...6
0,5...6
0,5...10 A 5
63
63

600 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG
-

Type	Cat. No.	Qty.
	101810	50
	101790	50
Type	Cat. No.	Qty.
WAP WTL	106830	20
WTW WTL	106840	20

Type	Cat. No.	Qty.
	101770	50
Type	Cat. No.	Qty.

Type	Cat. No.	Qty.
	101860	50
	101880	50
Type	Cat. No.	Qty.

TSch 2 **035366** 100

QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS M 3x20 Cu	037710	100
VH 12	024900	100
WKB 1/2	160428	50
WKB 1/3	160430	50
WKB 1/4	160432	50
WKB 1/10	160433	20

WKS 1/2	160427	50
WKS 1/3	160429	50
WKS 1/4	160431	50
WQV 6/2	105236	50
WQV 6/3	105476	50
WQV 6/4	105486	50
WQV 6/10	105226	20

WKS 1/2	160427	50
WKS 1/3	160429	50
WKS 1/4	160431	50
WQV 6/2	105236	50
WQV 6/3	105476	50
WQV 6/4	105486	50
WQV 6/10	105226	20

StB 14 **016990** 50

StB 21.6/IH/VI **107103** 50
StB 21.6/IH/GN **107102** 50
StB 21.6/IH/GE **107101** 50
StB 21.6/IH/BE **107100** 50

Safety plug supplier:
Multi-Contact Deutschland GmbH,
Postf. 1606, 79551 Weil a. Rhein

SSP 3 **053176** 100

SSP WTL 6/2 **160420** 100

SSP WTL 6/2 **160420** 100

PS 4 **029960** 20

PS 4 **029960** 20

PS 4 **029960** 20

DEK 8 **127696** -
DEK 8 **128966** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

DEK 8 **127696** -
DEK 8 **128966** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -


DEK 8 **127696** -
DEK 8 **128966** -
WS 12/6,5 **160992** -
WS 12/6,5 **156895** -

* Disconnect element

Fuse terminal blocks

Note:
With blown fuse the follow on circuit is still under current.
Disconnect lever to open circuit

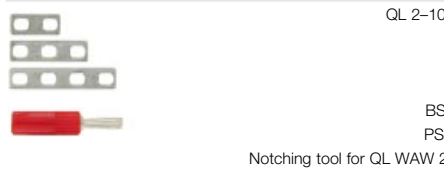
Max. Technical Data

Dimensions	
Width/length/height (mm)	With TS 35 x 7,5 
Insulation stripping length/clamping screw/screwdriver blade	
Rated data Reihenklemmenunterteil	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage VDE 0110/1.89 / pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS2 electric screwdriver	
Clampable conductor	
solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
flexible H07V-K and AEH with plastic insul. collar	mm ²
Max. Clamping Range in mm ²	Gauge pin to 947-1 Size
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection multipole	A
UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA
Ordering data	
	Version

Partition/End plate



Cross-connection



G fuse cartridges 5x25 mm with indicator²⁾

to DIN 41 576	Rated current (A):	0,2	0,5	0,8	1	10	2	4	6,3
Rated voltage 250 V AC	Rated current (A):	0,2	0,5	0,8	1	10	2	4	6,3
	med.blow	0,2	0,5	0,8	1	10	2	4	6,3
	med.blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3

G fuse cartridges 5x20 mm³⁾

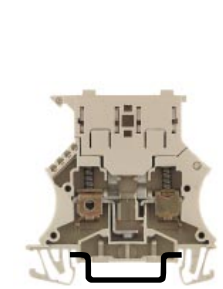
to DIN 41660 IEC 127 type 1	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
Rated voltage 250 V AC	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
Switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3

Marking tags

DEK	DEK	WS	WS DEK	Printed
Consecutive horizontal	Consecutive vertical	Blank	Printed	Printed
DEK	DEK	WS 12/6,5	WS DEK	WS 12/6,5
047346	047356	160992	156895	156895

For further accessories see section 3, further marking material see section 8

WSI 6 for metric fuses



6,3 A/-	
8/60/60	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100
PS 2.3	018040 20
WAW 2	900451 -
054690	10
051030	10
064640	10
026580	10
019310	10
019270	10
019280	10
019290	10

6,3 A/-	
8/60/70	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100
PS 2.3	018040 20
WAW 2	900451 -
054690	10
051030	10
064640	10
026580	10
019310	10
019270	10
019280	10
019290	10

6,3 A/-	
8/60/70	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100
PS 2.3	018040 20
WAW 2	900451 -
054690	10
051030	10
064640	10
026580	10
019310	10
019270	10
019280	10
019290	10

6,3 A/-	
8/60/70	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100
PS 2.3	018040 20
WAW 2	900451 -
054690	10
051030	10
064640	10
026580	10
019310	10
019270	10
019280	10
019290	10

G fuse cartridges 5x25 mm with indicator²⁾

to DIN 41 576	Rated current (A):	0,2	0,5	0,8	1	10	2	4	6,3
Rated voltage 250 V AC	Rated current (A):	0,2	0,5	0,8	1	10	2	4	6,3
	med.blow	0,2	0,5	0,8	1	10	2	4	6,3
	med.blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3
	rapid blow	0,2	0,5	0,8	1	10	2	4	6,3

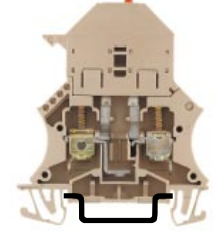
G fuse cartridges 5x20 mm³⁾

to DIN 41660 IEC 127 type 1	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
Rated voltage 250 V AC	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
Switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	Rated current (A):	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3
	rapid blow	0,20	0,25	0,50	1,0	1,6	2,0	2,5	3,15	4,0	5,0	6,3

DEK	DEK	WS	WS DEK	Printed
Consecutive horizontal	Consecutive vertical	Blank	Printed	Printed
DEK	DEK	WS 12/6,5	WS DEK	WS 12/6,5
047346	047356	160992	156895	156895

For further accessories see section 3, further marking material see section 8

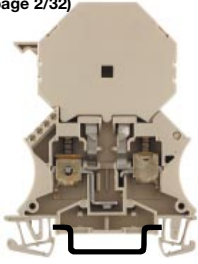
WSI 6 LD with LED indicator for metric fuses for DC or AC voltage (see note in first column of page 2/32)



6,3 A/-	
8/60/70	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100
PS 2.3	018040 20
WAW 2	900451 -
054690	10
051030	10
064640	10
026580	10
019310	10
019270	10
019280	10
019290	10

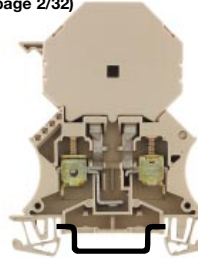
6,3 A/-	
8/60/70	12 mm/M 3,5/4,0 x 0,8
500 V/6,3 A ²⁾ /6 mm ²	6 kV/3
0,8...1,6	3
0,5...10	0,5...10
1,5...10	1,5...10
0,5...10	0,5...10
0,5...6	0,5...6
0,5...6	0,5...6
0,5...10	A 5
26	
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG	300 V/10 A/20...8 AWG
Type	Cat. No. Qty.
WAP	105000 50
WTW 2.5-10	105010 20
Install partition after last WSI 6	
QL 2	019430 50
QL 3	019440 50
QL 4	019450 50
QL 10	033830 20
BS-M 3x5	105210 100

WSI 6/2¹⁾ with LED
for V AC/V DC inch fuses
(see note in first column of
page 2/32)



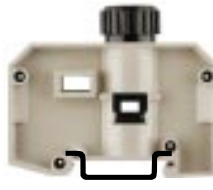
10 A/-	
12/60/79	
12 mm/M 3,5/4,0 x 0,8	
500 V/6,3 A ²⁾ /6 mm ²	
6 kV/3	
0,8...1,6	
3	
0,5...10	
1,5...10	
0,5...10	
0,5...6	
0,5...6	
0,5...10	A 5
26	
600 V/16 A/20...8 AWG	
10-220 V/16 A/20...8 AWG	
Cat. No. Qty.	
14 V-/-10-28 V- 101410	25
15-30 V-/-30-60 V- 101420	25
40-60 V-/-80-120 V- 101430	25
110 V-/-220 V- 101440	25
Type Cat. No. Qty.	
WAP 105000	50
WTW 2.5-10 105010	20
Install partition after last WSI 6	
QL 2 047070	50
QL 3 047080	50
QL 4 047090	50
QL 10 047100	20
BS-M 3x5 105210	100
PS 2.3 018040	20
WAW 2 900451	-
Fuse cartridges	
1/4"x 1 1/4"(6.3 x 32)	
Rated voltage 440 V	
E 2 A 029450	10
E 3 A 029570	10
E 5 A 029460	10
E 7 A 029580	10
E 10 A 029390	10

WSI 6/2¹⁾ with 2 LEDs
for V DC inch fuses only
(see note in first column of
page 2/32)



10 A/-	
12/60/79	
12 mm/M 3,5/4,0 x 0,8	
500 V/6,3 A ²⁾ /6 mm ²	
6 kV/3	
0,8...1,6	
3	
0,5...10	
1,5...10	
0,5...10	
0,5...6	
0,5...6	
0,5...10	A 5
26	
600 V/16 A/20...8 AWG	
24 V/16 A/20...8 AWG	
Cat. No. Qty.	
24 V- 101450	25
Type Cat. No. Qty.	
WAP 105000	50
WTW 2.5-10 105010	20
Install partition after last WSI 6	
QL 2 047070	50
QL 3 047080	50
QL 4 047090	50
QL 10 047100	20
BS-M 3x5 105210	100
PS 2.3 018040	20
WAW 2 900451	
Fuse cartridges	
1/4"x 1 1/4"(6.3 x 32)	
Rated voltage 440 V	
E 2 A 029450	10
E 3 A 029570	10
E 5 A 029460	10
E 7 A 029580	10
E 10 A 029390	10

SAKS 4/35
for D 01-fuse E 14



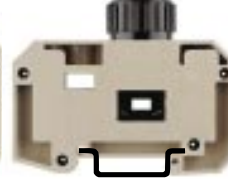
24/75/66	
14 mm/M 4/5,5 x 1	
400 V- ⁴⁾ /16 A/10 mm ²	
6 kV/3	
1,2...2,4	
4	
0,5...16	
1,5...10	
0,5...10	
0,5...10	
0,33...16	B 6
(QL 2...5) 47	
(QL 6...10) 36	
600 V/30 A/22...8 AWG	
Cat. No. Qty.	
Wemid beige KrG 050180	20
Neozed D 01	
Type Cat. No. Qty.	
QL 2 032800	20
QL 3 032810	20
QL 4 032820	20
QL 10 033900	20
BS M 4x9 010330	100
SS M 4 013640	100
Fuse cartridges D 01	
Rated voltage 380 V	
E 14/2 013740	10
E 14/4 013750	10
E 14/6 032830	10
E 14/10 032840	10
E 14/16 032850	10
Gauge rings	
P 14/2 013800	50
P 14/4 013810	50
P 14/6 032860	50
P 14/10 032870	50
Screw cap (spare)	
SK 033941	20

SAKS 2/35
for D-fuse E 16



28/80/75	
12 mm/M 4/5,5 x 1	
500 V-/-10 (25) A ⁵⁾ /10 mm ²	
6 kV/3	
1,2...2,4	
4	
0,5...16	
0,5...10	
0,5...10	
0,5...10	
0,33...16	B 6
(QL 2...5) 47	
(QL 6...10) 36	
600 V/25 A/22...8 AWG	
Cat. No. Qty.	
Wemid beige KrG 136870	20
Diazed E 16	
Type Cat. No. Qty.	
QL 2 020780	20
QL 3 020790	20
QL 4 020800	20
QL 10 033890	20
BS M 4x9 010330	100
SS M 4 013640	100
Fuse cartridges D	
Rated voltage 380 V	
E 10 A 020850	25
E 16 A 020860	25
E 20 A 020870	25
E 25 A 020880	25
Gauge rings	
P 16/10 020890	100
P 16/16 020900	100
P 16/20 020910	100
Screw cap (spare)	
SK 028411	20

SAKS 5/35
for D 02-fuse E 18

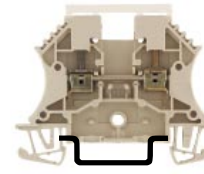


28/80/66	
13 mm/M 4/5,5 x 1	
400 V- ⁴⁾ /63 A/16 mm ²	
6 kV/3	
1,2...2,4	
4	
1,5...16	
1,5...16	
1,5...16	
1,5...16	
1,5...16	B 7
(QL 2...5) 47	
(QL 6...10) 36	
600 V/63 A/14...6 AWG	
Cat. No. Qty.	
Wemid beige KrG 050210	20
Neozed D 02	
Type Cat. No. Qty.	
QL 2 020780	20
QL 3 020790	20
QL 4 020800	20
QL 10 033890	20
BS M 4x9 010330	100
SS M 4 013640	100
Fuse cartridges D 02	
Rated voltage 500 V	
E 18/20 036130	10
E 18/25 036140	10
E 18/35 036150	10
E 18/50 036160	10
E 18/63 036170	10
Gauge rings	
P 18/20 036180	50
P 18/25 036190	50
P 18/35 036200	50
P 18/50 036210	50
Screw cap (spare)	
SK 035931	20

⁴⁾ Also for 440 V- with Neozed-marine fuse
⁵⁾ Current for overload up to 10 A, for short-current up to 25 A

Terminal blocks for temperature measuring circuits

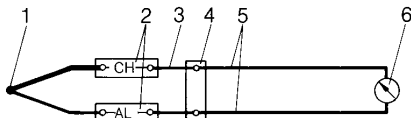
WDU 2.5/TC



Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width: 10 mm

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply conductors (to and from)
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature circuit.

Technical data

Thermocouples to IEC 584 (DIN 43710)

Busbar	
	Cromel-Alumel
	Copper-Constantan
	Iron-Constantan
	E-Copper/ A-Copper
	S-Copper/ E-Copper
	Cromel-Constantan

Max. Technical Data

Dimensions	
Width/length/height (mm)	mit TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6

Rated data	
Rated voltage/rated current/rated cross-section	-/-/2,5 mm ²
Rated impulse voltage VDE 0110/1.89 / pollution severity	

Further technical data	
Tightening torque range	Nm 0,4...0,8
Torque setting with DMS2 electric screwdriver	1

Clampable conductor	
solid H07V-U	mm ² 0,5...2,5
stranded H07V-R	mm ² 1,5...2,5
flexible H07V-K	mm ² 0,5...2,5
flexible H07V-K and AEH DIN 46 228/1	mm ² 0,5...2,5
flexible H07V-K and AEH with plastic insul. collar	mm ² 0,5...2,5
Max. Clamping Range in mm ² Gauge pin to 947-1 Size	0,13...4 A 2
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection multipole	A

UL / CSA rated data	
Voltage / current / conductor size	UL 300 V/20 A/22...12 AWG
Voltage / current / conductor size	CSA -

Ordering data		Version
for Thermocouples	Type K	NiCr - Ni
to IEC 584	Type T	Cu - CuNi
(DIN 43710)	Type J	Fe - CuNi
	Type S u. R	Pt 10% - Pt Rh/PT 13% - Pt Rh
	Type B	Pt 30% Rh - Pt 6% Rh
	Type E	NiCr - CuNi

End plate / partition		Type	Cat. No.	Qty.
	WAP (Thickness 1,5 mm)	Wemid	WAP 2.5-10	50
	WTW (Thickness 1,5 mm)	Wemid	WTW 2.5-10	20

Marking tags		Print
DEK		Consecutive horizontal
DEK		Consecutive vertical
WS		Blank
WS DEK		Printed

For further accessories see section 3, further marking material see section 8

Ordering data	Cat. No.	Qty.
	102410	50
	102420	50
	102430	50
	102440	50
	103370	50
	103330	50

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WTW 2.5-10	105010	20

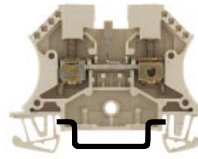
Feed-through terminals with WSA plug adaptor

WDU 4 SA

Feed-through terminals

for retrofitting electronic components

WPO 4



Max. Technical Data

Dimensions		6/60/47	
Width/length/height (mm)	With TS 35 x 7,5		
Insulation stripping length/clamping screw/screwdriver blade			
Rated data		400 V/34 A/4 mm ²	
Rated voltage/rated current/rated cross-section			
Rated impulse voltage VDE 0110/1.89 / pollution severity			
Further technical data		0,5...1,0	
Tightening torque range Nm			
Torque setting with DMS2 electric screwdriver			
Clampable conductor		0,5...6	
solid H07V-U mm ²			
stranded H07V-R mm ²			
flexible H07V-K mm ²			
flexible H07V-K and AEH DIN 46 228/1 mm ²			
flexible H07V-K and AEH with plastic insul. collar mm ²			
Max. Clamping Range in mm ² Gauge pin to 947-1 Size			
Continuous current rating of cross-connection 2-pole A			
Continuous current rating of cross-connection multipole A			
UL / CSA rated data		300 V/25 A/22...12 AWG	
Voltage / current / conductor size UL			
Voltage / current / conductor size CSA			
Ordering data		Type	Cat. No. Qty.
		blue	102110 100
		blue	102118 100

Max. Technical Data

Dimensions		6/60/47	
Width/length/height (mm)	With TS 35 x 7,5		
Insulation stripping length/clamping screw/screwdriver blade			
Rated data IEC 947-7-1		250 V/32 A/4 mm ²	
Rated voltage/rated current/rated cross-section			
Rated impulse voltage VDE 0110/1.89 / pollution severity			
Further technical data		0,5...1,0	
Tightening torque range Nm			
Torque setting with DMS2 electric screwdriver			
Clampable conductor		0,5...4	
solid H07V-U mm ²			
stranded H07V-R mm ²			
flexible H07V-K mm ²			
flexible H07V-K and AEH DIN 46 228/1 mm ²			
flexible H07V-K and AEH with plastic insul. collar mm ²			
Max. Clamping Range in mm ² Gauge pin to 947-1 Size			
Continuous current rating of cross-connection 2-pole A			
Continuous current rating of cross-connection multipole A			
UL / CSA rated data		300 V/10 A/26...12 AWG	
Voltage / current / conductor size UL			
Voltage / current / conductor size CSA			
Ordering data		Type	Cat. No. Qty.
		Wemid	103600 50

End plate

Type	Cat. No.	Qty.
WAP (Thickness 1,5 mm)	105000	50
WAP 2.5-10	105008	50

Partition

Type	Cat. No.	Qty.
WTW (Thickness 1,5 mm)	105010	20
WTW 2.5-10	105018	20

Cross-connection

Type	Cat. No.	Qty.
WQV Screen lug LS 2.8		
LS 2.8	105640	50

Plug adaptor WSA 2

Version	Color	Cat. No.	Qty.
380 V-/10 A/1,5 mm ² Version with crimp connection	Green	WSA 2 ¹⁾ 050236 ³⁾	20
		WSA 2 ²⁾ 052976 ³⁾	20
		WSA 2 ²⁾ 052965 ³⁾	20
		WSA 2 ²⁾ 052956 ⁴⁾	20
Version with screw connection TOP-system	Green	WSA 2 TOP ¹⁾ 133396 ³⁾	20
		WSA 2 TOP ²⁾ 133386 ³⁾	20
		WSA 2 TOP ²⁾ 133405 ³⁾	20
		WSA 2 TOP ²⁾ 133376 ⁴⁾	20

Covers

Quantity	Cat. No.	Qty.
3	AH 2/3	053166 20
4	AH 2/4	040536 20
5	AH 2/5	040556 20
8	AH 2/8	040576 20
10	AH 2/10	040596 20
12	AH 2/12	040616 20

Crimp contact 0.5-1.5 mm²

Type	Cat. No.	Qty.
Individual	C 1 E/L*	019850 200
Continuous strip on reel	C 1 R/L	019900 -

Marking tags

Marking tags	Print	Cat. No.	Qty.
DEK Consecutive horizontal	DEK 6	046866	-
DEK Consecutive vertical	DEK 6	046876	-
WS Blank	WS 12/6	160990	-
WS DEK Printed	WS 12/6	144766	-

See Section 5 for mounting rails, end brackets, additional marking materia 5

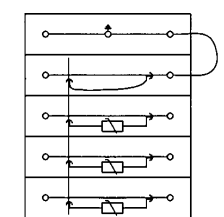
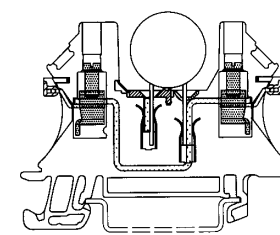
* Crimping tool 1) With hook 3) With dovetail 5) Without pin 7) With spring
Type CZ 22E 056040 2) Without hook 4) Without dovetail 6) With pin 8) Without spring

Barrier

Type	Cat. No.	Qty.
Thickness 2,5 mm	ZR	107110 20

Busbar

Type	Cat. No.	Qty.
SSch 7.3x1.2	107120	1 m



WPO 4 with fitted varistor

Weidmüller varistor terminals have been designed for retrofitting electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished. The significant advantages of this new design are

Cost saving

- Components can be changed quickly on site.
- Service is limited to visual inspection

Clarity:

- Components are easy to distinguish.

Flexibility:

- Components can immediately be adapted to changed conditions

Note:

- Never change electronic components in energised systems

Marking tags

Marking tags	Print	Cat. No.	Qty.
DEK Consecutive horizontal	DEK 6	046866	-
DEK Consecutive vertical	DEK 6	047356	-
WS Blank	WS 12/6	160990	-
WS DEK Printed	WS 12/6	144766	-

Overvoltages in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

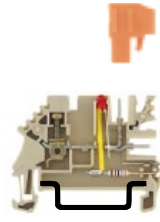
Feed-through terminal blocks for BLA/BLZ connectors



WDU 1.5/BLA



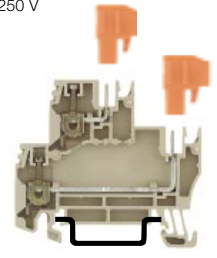
WDU 1.5/LD/BLA with red LED



WDU 1.5/R/BLA Negative return conductor in blue



WDK 2.5/BLA R 5.08 250 V



Max. Technical Data

Dimensions		5,08/45,4/57,5*/45,0/55,5*		5,08/45,4/57,5*/45,0/55,5*		5,08/45,4/57,5*/45,0/55,5*		5,08/58/53/63,5*	
Width/length/height (mm)	With TS 35 x 7,5	10 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6		12 mm/M 2,5/3,5 x 0,6	
Insulation stripping length/clamping screw/screwdriver blade		250 V/10 (2x8) A/1,5 mm ²		- V/10 (2x8) A/1,5 mm ²		- V/- A/1,5 mm ²		250 V/17,5 ²⁾ A/2,5 mm ²	
Rated impulse voltage VDE 0110/1.89 / pollution severity		4 kV/3		4 kV/3		4 kV/3		4 kV/3	
Further technical data		Tightening torque range Nm		0,4...0,8		0,4...0,8		0,4...0,8	
Torque setting with DMS2 electric screwdriver		1		1		1		1	
Clampable conductor		solid H07V-U mm ²		0,5...4/2,5		0,5...4/2,5		0,5...4/2,5	
		stranded H07V-R mm ²		1,5...2,5/1,5		1,5...2,5/1,5		1,5...2,5/1,5	
		flexible H07V-K mm ²		0,5...2,5/1,5		0,5...2,5/1,5		0,5...2,5/1,5	
		flexible H07V-K and AEH DIN 46 228/1 mm ²		0,5...2,5/1,5		0,5...2,5/1,5		0,5...2,5/1,5	
		flexible H07V-K and AEH with plastic insul. collar mm ²		0,5...2,5/1,5 ¹⁾		0,5...2,5/1,5 ¹⁾		0,5...2,5/1,5 ¹⁾	
Max. Clamping Range in mm ²		Gauge pin to 947-1	Size	0,13...4	A 3/A 1	0,13...4	A 3/A 1	0,13...4	A 3/A 1
Continuous current rating of cross-connection 2-pole		A		35		35		-	
Continuous current rating of cross-connection multipole		A		35		35		-	
UL / CSA rated data		Voltage / current / conductor size UL		300 V/20 (2x10) A/26...16 AWG		300 V/20 (2x10) A/26...16 AWG		300 V/20 (2x10) A/26...16 AWG	
		Voltage / current / conductor size CSA		300 V/10 A/26...12 AWG		12...110 V/10 A/26...12 AWG		-/-/26...12 AWG	
Ordering data		Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
		Standard	157726 100						103810 100
		blue				157731 100			
		with red LED		12 V-	157727 100				
		with red LED		24 V-	157728 100				
		with red LED		48 V-	157729 100				
		with red LED		110 V-	157730 100				
Fixed-pole blocks on request									
End plate / fixing bracket**		Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
WAP (Thickness 2,5 mm)		With pin	157732 50	With pin	157732 50	With pin	157732 50	With pin	107010 20
		Without pin	157733 50	Without pin	157733 50	Without pin	157733 50	Without pin	107000 20
VBB orange (Thickness 5 mm)		With pin	106826 10	With pin	106826 10	With pin	106826 10	With pin	107276 10
		Without pin	106816 10	Without pin	106816 10	Without pin	106816 10	Without pin	107266 10
Cross-connection								Cross-connection comb, insul.	
WQV		WQV 2.5/2	105366 50	WQV 2.5/2	105366 50	WQV 2.5/2	105366 50	WQB A/2	157895 50
		WQV 2.5/3	106376 50	WQV 2.5/3	105376 50	WQV 2.5/3	105376 50	WQB A/3	157896 50
		WQV 2.5/4	105386 50	WQV 2.5/4	105386 50	WQV 2.5/4	105386 50	WQB A/4	157897 50
		WQV 2.5/10	105446 20	WQV 2.5/10	105446 20	WQV 2.5/10	105446 20	WQB A/10	157899 20
Notching tool WAW 1 für WQV		WAW 1	900450 -	WAW 1	900450 -	WAW 1	900450 -		
Negative conductor-busbar				ML-SSch		106320 3		ML-SSch	
0,5 x 4 x 120 mm									
Cover for unassigned pins		WAD 5/2	157740 20	WAD 5/2	157740 20	WAD 5/2	157740 20	WAD 5/2	157740 20
Coding element		SLA-KO	132356 100	SLA-KO	132356 100	SLA-KO	132356 100	SLA-KO	132356 100
Socket strips		No. poles							
BLA 2...24		BLA 2...24 B	4	BLA 4	128196 100	BLA 4	128196 100	BLA 4	128196 100
		BLZ 2...24 B	6	BLA 6	128216 50	BLA 6	128216 50	BLA 6	128216 50
		with lateral dovetail	8	BLA 8	128236 50	BLA 8	128236 50	BLA 8	128236 50
		guide	4	BLA 4 B	135626 100	BLA 4 B	135626 100	BLA 4 B	135626 100
			6	BLA 6 B	135646 50	BLA 6 B	135646 50	BLA 6 B	135646 50
			8	BLA 8 B	135666 50	BLA 8 B	135666 50	BLA 8 B	135666 50
For further Informations see Section Connectors, Page 5/92									
Marking tags		Print							
DEK		Consecutive horizontal		DEK 5	047346 -	DEK 5	047346 -	DEK 5	047346 -
DEK		Consecutive vertical		DEK 5	047356 -	DEK 5	047356 -	DEK 5	047356 -
WS		Blank		WS 12/5	160986 -	WS 12/5	160986 -	WS 12/5	160986 -
WS DEK		Printed		WS 12/5	144746 -	WS 12/5	144746 -	WS 12/5	144746 -
For further accessories see section 3, further marking material see section 8									

¹⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

* With BLA

** Set for screwing the connector to the terminal strip

*** 20 °C ambient temperature

WDU 1.5/BLZ 5.08

WDU 1.5/BLZ/LD/5.08

with LED Red

WDU 1.5/BLZ/R 5.08

Negative return conductor in blue

WDK 2.5/BLZ R 5.08

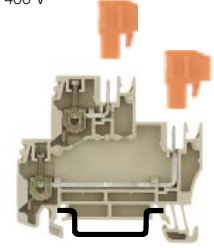
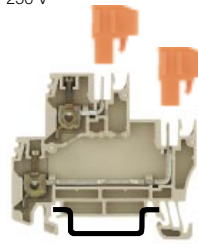
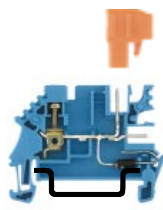
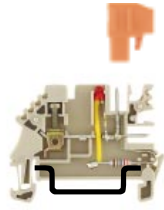
250 V

WDU 2.5/BLZ R 7.62

400 V

WDK 2.5/BLZ R 7.62

400 V



WDU 1.5/BLZ 5.08		WDU 1.5/BLZ/LD/5.08		WDU 1.5/BLZ/R 5.08		WDK 2.5/BLZ R 5.08		WDU 2.5/BLZ R 7.62		WDK 2.5/BLZ R 7.62																																																	
5.08/45,4/57,5*/45,0/55,5		5.08/45,4/57,5*/45,0/55,5*		5.08/45,4/57,5*/45,0/55,5*		5.08/58/53/63,5*		7.62/45,4/57,5*/45,0/55,5		7.62/58/53/63,5*																																																	
10 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6		12 mm/M 2,5/3,5 x 0,6		10 mm/M 2,5/3,5 x 0,6		12 mm/M 2,5/3,5 x 0,6																																																	
250 V/10 (2x8) A/1,5 mm ²		- V/10 (2x8) A/1,5 mm ²		- V/- A/1,5 mm ²		250 V/18 ²⁾ A/2,5 mm ²		400 V/24(2x12 ²⁾ (2x8) A/1,5 mm ²		400 V/20 ²⁾ A/2,5 mm ²																																																	
4 kV/3						4 kV/3		6 kV/3		6 kV/3																																																	
0,4...0,8		0,4...0,8		0,4...0,8		0,4...0,8		0,4...0,8		0,4...0,8																																																	
1		1		1		1		1		1																																																	
0,5...4/4		0,5...4/4		0,5...4/4		0,5...4/4		0,5...4/4		0,5...4/4																																																	
1,5...2,5/2,5		1,5...2,5/2,5		1,5...2,5/2,5		1,5...2,5/2,5		1,5...2,5/2,5		1,5...2,5/2,5																																																	
0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5																																																	
0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5		0,5...2,5/2,5																																																	
0,5...2,5/2,5 ¹⁾		0,5...2,5/2,5 ¹⁾		0,5...2,5/2,5 ¹⁾		0,5...2,5/2,5 ¹⁾		0,5...2,5/2,5		0,5...2,5/2,5																																																	
0,13...4 A 3/A 3		0,13...4 A 3/A 3		0,13...4 A 3/A 3		0,13...4 A 3/A 3		0,13...4 A 3/A 3		0,13...4 A 3/A 3																																																	
35		35		35		-		35		-																																																	
35		35		35		-		35		-																																																	
300 V/20 (2 x 10) A/26...16 AWG		300 V/20 (2 x 10) A/26...16 AWG		300 V/20 (2 x 10) A/26...16 AWG		300 V/10 A/26...12 AWG		-		-																																																	
300 V/10 A/26...12 AWG		12...110 V/10 A/26...12 AWG		-/-26...12 AWG		-		-		-																																																	
<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>With pin</td><td>157734</td><td>100</td></tr> <tr><td>Without pin</td><td>159690</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	With pin	157734	100	Without pin	159690	100	<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>12 V-</td><td>157735</td><td>100</td></tr> <tr><td>24 V-</td><td>157736</td><td>100</td></tr> <tr><td>48 V-</td><td>157737</td><td>100</td></tr> <tr><td>110 V-</td><td>157738</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	12 V-	157735	100	24 V-	157736	100	48 V-	157737	100	110 V-	157738	100	<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>With pin</td><td>157739</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	With pin	157739	100	<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>With pin</td><td>103440</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	With pin	103440	100	<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>With pin</td><td>103890</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	With pin	103890	100	<table border="1"> <tr><th>Type</th><th>Cat. No.</th><th>Qty.</th></tr> <tr><td>With pin</td><td>103850</td><td>100</td></tr> </table>		Type	Cat. No.	Qty.	With pin	103850	100
Type	Cat. No.	Qty.																																																									
With pin	157734	100																																																									
Without pin	159690	100																																																									
Type	Cat. No.	Qty.																																																									
12 V-	157735	100																																																									
24 V-	157736	100																																																									
48 V-	157737	100																																																									
110 V-	157738	100																																																									
Type	Cat. No.	Qty.																																																									
With pin	157739	100																																																									
Type	Cat. No.	Qty.																																																									
With pin	103440	100																																																									
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Type	Cat. No.	Qty.																																																									
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Type		Type		Type		Type		Type		Type																																																	
With pin		With pin		With pin		With pin		With pin		With pin																																																	
Without pin		Without pin		Without pin		Without pin		Without pin		Without pin																																																	
With pin		With pin		With pin		With pin		With pin		With pin																																																	
Without pin		Without pin		Without pin		Without pin		Without pin		Without pin																																																	
WQV 2.5/2		WQV 2.5/2		WQV 2.5/2		WQB A/2		WQB A/2		-																																																	
WQV 2.5/3		WQV 2.5/3		WQV 2.5/3		WQB A/3		WQB A/3		-																																																	
WQV 2.5/4		WQV 2.5/4		WQV 2.5/4		WQB A/4		WQB A/4		-																																																	
WQV 2.5/10		WQV 2.5/10		WQV 2.5/10		WQB A/10		WQB A/10		-																																																	
WAW 1		WAW 1		WAW 1		-		-		-																																																	
-		ML-SSch		-		-		-		-																																																	
-		106320		106320		-		-		-																																																	
-		3		3		-		-		-																																																	
WAD 5/2		WAD 5/2		WAD 5/2		WAD 5/2		WAD 5/2		WAD 5/2																																																	
157740		157740		157740		157740		157740		157740																																																	
20		20		20		20		20		20																																																	
-		-		-		-		-		-																																																	
BLZ-KO		BLZ-KO		BLZ-KO		BLZ-KO		BLZ-KO		BLZ-KO																																																	
154571		154571		154571		154571		154571		154571																																																	
100		100		100		100		100		100																																																	
-		-		-		-		-		-																																																	
BLZ 4		BLZ 4		BLZ 4		BLZ 4		BLZ 4		BLZ 4																																																	
152666		152666		152666		152666		162307		162307																																																	
100		100		100		100		100		100																																																	
BLZ 6		BLZ 6		BLZ 6		BLZ 6		BLZ 6		BLZ 6																																																	
152686		152686		152686		152686		162309		162309																																																	
50		50		50		50		50		50																																																	
BLZ 8		BLZ 8		BLZ 8		BLZ 8		BLZ 8		BLZ 8																																																	
152706		152706		152706		152706		162311		162311																																																	
50		50		50		50		50		50																																																	
BLZ 4 B		BLZ 4 B		BLZ 4 B		BLZ 4 B		BLZ 4 B		BLZ 4 B																																																	
152896		152896		152896		152896		162340		162340																																																	
100		100		100		100		100		100																																																	
BLZ 6 B		BLZ 6 B		BLZ 6 B		BLZ 6 B		BLZ 6 B		BLZ 6 B																																																	
152916		152916		152916		152916		162342		162342																																																	
50		50		50		50		50		50																																																	
BLZ 8 B		BLZ 8 B		BLZ 8 B		BLZ 8 B		BLZ 8 B		BLZ 8 B																																																	
152936		152936		152936		152936		162344		162344																																																	
50		50		50		50		50		50																																																	
-		-		-		-		-		-																																																	
DEK 5		DEK 5		DEK 5		DEK 5		DEK 5		DEK 5																																																	
047346		047346		047346		047346		047346		047346																																																	
-		-		-		-		-		-																																																	
DEK 5		DEK 5		DEK 5		DEK 5		DEK 5		DEK 5																																																	
047356		047356		047356		047356		047356		047356																																																	
-		-		-		-		-		-																																																	
WS 12/5		WS 12/5		WS 12/5		WS 12/5		WS 12/6,5		WS 12/6,5																																																	
160986		160986		160986		160986		160992		160992																																																	
-		-		-		-		-		-																																																	
WS 12/5		WS 12/5		WS 12/5		WS 12/5		WS 12/6,5		WS 12/6,5																																																	
144746		144746		144746		144746		156895		156895																																																	
-		-		-		-		-		-																																																	

* With BLZ

²⁾ 20 °C ambient temperature

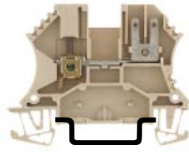
Feed-through terminal blocks

WDU 2.5 F

WDU 2.5 FF


WDK 2.5 F

WDK 2.5 FV



Max. Technical Data

Dimensions

Width/length/height (mm) mit TS 35 x 7,5 
 Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/rated current/rated cross-section
 Rated impulse voltage VDE 0110/1.89 / pollution severity

Further technical data

Tightening torque range Nm
 Torque setting with DMS2 electric screwdriver

Clampable conductor

solid H07V-U mm²
 stranded H07V-R mm²
 flexible H07V-K mm²
 flexible H07V-K and AEH DIN 46 228/1 mm²
 flexible H07V-K and AEH with plastic insul. collar mm²
 Max. Clamping Range in mm² Gauge pin to 947-1 Size
 Continuous current rating of cross-connection 2-pole
 Continuous current rating of cross-connection multipole

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

Ordering data

WTW	WAP	Version	Wemid
			Wemid
			Wemid
			Wemid
			Blue Wemid

End plate / partition

Type	Cat. No.	Qty.	Wemid
WAP (Thickness 3 mm)			Wemid
WAP 2.5 (Thickne. 1,5 mm) blue			Wemid
WTW (Thickness 1,5 mm)			Wemid
			Wemid

Cross-connection

WQV	Screen lug LS 2.8	Type	Cat. No.	Qty.	Wemid
		WQV 2.5/2	105366	50	Wemid
		WQV 2.5/3	105376	50	Wemid
		WQV 2.5/4	105386	50	Wemid
		WQV 2.5/10	105446	20	Wemid
		WQB B/24	157906	20	Wemid
		LS 2.8	105640	50	Wemid
		WAW 1	900450	-	Wemid

Notching tool for WQV

WTA	TA 1	Type	Cat. No.	Qty.	Wemid
		TA 1	053586	20	Wemid

Test adapter

PS 2.3	StB 8.5	Insulating sleeves	IH 2.8	Type	Cat. No.	Qty.	Wemid

Test plug / sockets / insulating sleeves

ADP 2	HP 2	Type	Cat. No.	Qty.	Wemid

Cover

WT 4	WGB	Type	Cat. No.	Qty.	Wemid

Group marking

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

Marking tags

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

For further accessories see section 3, further marking material see section 8

Marking tags

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

For further accessories see section 3, further marking material see section 8

12 A/-
5/60/47
10 mm/M 2,5/3,5 x 0,6
500 V m. IH/12 (2x6) A / 2,5/1 mm ²
6 kV/3
0,4...0,8
1
0,5...4
0,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5 ¹⁾
0,13...4 A 3
35
35

12 A/-
5/60/47
10 mm/-
500 V m. IH/12 (2x6) A/1 mm ²
6 kV/3
-
-
0,5...1
-
-
-
-
12
12

12 A/-
5/69/63
10 mm/M 2,5/3,5 x 0,6
400 V m. IH/12 (2x6) A/2,5/1 mm ²
6 kV/3
0,4...0,8
1
0,5...4/1
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5 ¹⁾
0,13...4 A 3
32
32

12 A/-
5/69/63
10 mm/M 2,5/3,5 x 0,6
400 V m. IH/12 (2x6) A/2,5/1 mm ²
6 kV/3
0,4...0,8
1
0,5...4/1
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5 ¹⁾
0,13...4 A 3
32
32

UL	CSA	Type	Cat. No.	Qty.
300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	WAP 2.5-10	105000	50
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	WAP 2.5-10	105008	50
		WTW 2.5-10	105010	20
		WTW 2.5-10	105018	20

UL	CSA	Type	Cat. No.	Qty.
300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	WAP 2.5-10	105000	50
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	WAP 2.5-10	105008	50
		WTW 2.5-10	105010	20
		WTW 2.5-10	105018	20

UL	CSA	Type	Cat. No.	Qty.
300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	WAP	105910	20
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	WAP	105918	20
		WTW (Ex) e	105880	20

UL	CSA	Type	Cat. No.	Qty.
300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	WAP	105910	20
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	WAP	105918	20
		WTW (Ex) e	105880	20

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB B/24	157906	20
LS 2.8	105640	50
WAW 1	900450	-

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
LS 2.8	105640	50
WAW 1	900450	-

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
LS 2.8	105640	50
WAW 1	900450	-

WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WQB A/24	157900	20
LS 2.8	105640	50
WAW 1	900450	-

TA 1	053586	20
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TA 1	053586	20
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TA 1	053586	20
------	--------	----

TA 1	053586	20
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ADP 2	048530	1 m
HP 2	048566	20

ADP 2	048530	1 m
HP 2	048566	20

ADP 3	048540	1 m
HP 3	048576	20

ADP 3	048540	1 m
HP 3	048576	20

WT 4	034850	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

DEK	DEK	WS	WS	Print	Type	Cat. No.	Qty.	Wemid

¹⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

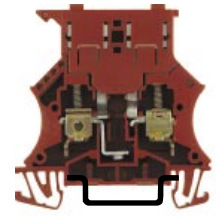
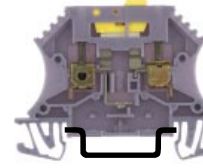
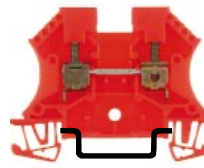
Terminal blocks coloured

WDU 2.5

WDU 4

WTR 2.5

WSI 6



Max. Technical Data

Dimensions	
Width/length/height (mm)	With TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data VDE 0611 Part 1/8.92/IEC 947-7-1	
Rated voltage/rated current/rated cross-section	
Rated impulse voltage / pollution severity	

Further technical data	
UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

Ordering data	Version
	<ul style="list-style-type: none"> ● Wemid ● Blue Wemid ● Yellow Wemid ● Green Wemid ● Brown Wemid ● Grey Wemid ○ White Wemid ● Orange PA ● Red PA ● Violet PA ● Black PA

End plate / partition	
WAP (Thickness 1,5 mm)	<ul style="list-style-type: none"> ● Wemid ● Blue Wemid ● Yellow Wemid ● Green Wemid ● Brown Wemid ● Grey Wemid ○ White Wemid ● Orange PA ● Red PA ● Violet PA ● Black PA ● Wemid ● Blue Wemid

Cross-connection	
WQV	WQB 8/24
	Screen lug LS 2.8
	2 pol.
	3 pol.
	4 pol.
	10 pol.

Notching tools:
 WAW 1 for WQV
 WAW 2 to notch the punch-out in the terminal moulding

Test adapter	
WTA	TA 1
	Strain relief

Test plug/Socket	
PS 2.3	StB 8.5
Screwdriver SDIK for StB Cat.No.: 902493	

Cover	
WAD with symbol	
WAD white, for self-labeling	

Group marking	
T 5	WGB
Tag carrier for S 10 markers	

Marking tags		Print
DEK		Consecutive horizontal
DEK		Consecutive vertical
WS		Blank

For further accessories see section 3, further marking material see section 8

* with StB 2.3 ** Rated current limited to 1 A when used with diode-plug
 *** Max. power loss 1,6 W

32 A/4 mm ²	
5/60/47	
10 mm/M 2,5/3,5 x 0,6	
800 V/24 A/2,5 mm ²	
8 kV/3	
see Page 2/5	
600 V/25 A/22...12 AWG	
600 V/20 A/26...12 AWG	

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WAP 2.5-10	105002	50
WAP 2.5-10	107220	50
WAP 2.5-10	105007	50
WAP 2.5-10	105005	50
WAP 2.5-10	105009	50
WAP 2.5-10	105006	50
WAP 2.5-10	105004	50
WAP 2.5-10	107221	50
WAP 2.5-10	105001	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20
ZQV 2.5N Qty.	WQV 2.5 Qty.	
169380	60 105366	50
169381	60 105376	50
169382	60 105386	50
169388	20 105446	20
WQB B/24	157906	20
LS 2.8	105640	50
WAW 1	900450	-

WTA 2	163232	50
WTA 2/ZA	163233	50
WTA 2/10	163234	5
ZE 1	163215	50

PS 2.3 (ø 2,3)	018040	20
PS 2.0 (ø 2,0)	029380	20
StB 8.5 (ø 2,3)	021570	50
StB 8.5 (ø 2,0)	126980	50
WAD 5	105346	50
WAD 5 white	105606	50
WGB 5	105076	50
T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	-
DEK 5	047356	-
WS 12/5	160986	-

46 A/6 mm ²	
6/60/47	
10 mm/M 3 /3,5 x 0,6	
800 V/32 A /4 mm ²	
8 kV/3	
see Page 2/7	
600 V/35 A/22...10 AWG	
600 V/35 A/26...10 AWG	

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WAP 2.5-10	105002	50
WAP 2.5-10	107220	50
WAP 2.5-10	105007	50
WAP 2.5-10	105005	50
WAP 2.5-10	105009	50
WAP 2.5-10	105006	50
WAP 2.5-10	105004	50
WAP 2.5-10	107221	50
WAP 2.5-10	105001	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WTA 3	163235	50
WTA 3/ZA	163236	50
WTA 3/10	163237	5
ZE 1	163215	50

PS 2.3 (ø 2,3)	018040	20
StB 8.5 (ø 2,3)	028060	50
WAD 5	105346	50
WAD 5 white	105606	50
WGB 5	105076	50
T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 6	046866	-
DEK 6	047356	-
WS 12/6	160990	-

16 A/1,5 mm ²	
5/60/49	
10 mm/M 2,5/3*/3,5 x 0,6	
800 V/16 A**/1,5 mm ²	
6 kV/3	
see Page 2/20	
300 V/10 A/22...12 AWG	
300 V/10 A/26...12 AWG	

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WAP 2.5-10	105002	50
WAP 2.5-10	107220	50
WAP 2.5-10	105007	50
WAP 2.5-10	105005	50
WAP 2.5-10	105009	50
WAP 2.5-10	105006	50
WAP 2.5-10	105004	50
WAP 2.5-10	107221	50
WAP 2.5-10	105001	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

WTA 2	900451	-
QL 2	021580	100
QL 3	021590	100
QL 4	021600	50
QL 10	033800	20
BS-M 2,5 x 4,5	106270	100

PS 2.3 (ø 2,3)	018040	20
WSD 2,5 -K+	105846	25
WSD 2,5 +D-	105856	25
WSD 2,5 ¹⁾	105866	25
WSD 2,5 ²⁾	105876	25

DEK 6	046866	-
DEK 6	047356	-
WS 12/5	160986	-

6,3 A/-	
8/60/60	
12 mm/M 3,5/4,0 x 0,8	
500 V~/6,3 A***/6 mm ²	
6 kV/3	
see Page 2/32	
300 V/10 A/20...8 AWG	
300 V/10 A/20...8 AWG	

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WAP 2.5-10	105002	50
WAP 2.5-10	107220	50
WAP 2.5-10	105007	50
WAP 2.5-10	105005	50
WAP 2.5-10	105009	50
WAP 2.5-10	105006	50
WAP 2.5-10	105004	50
WAP 2.5-10	107221	50
WAP 2.5-10	105001	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

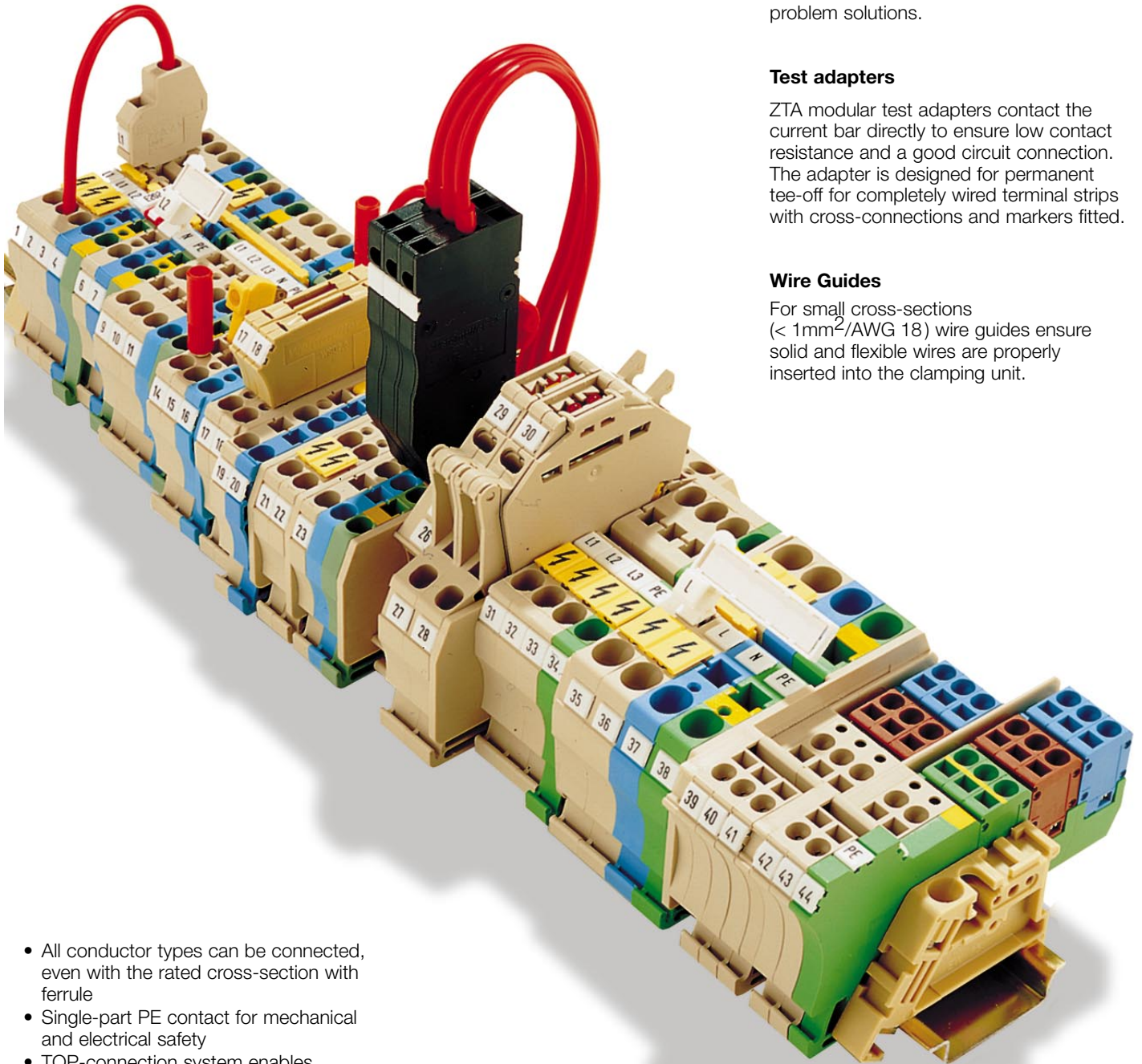
WTA 2	900451	-
QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS-M 3 x 5	105210	100

PS 2.3 (ø 2,3)	018040	20
Fuse cartridges 5 x 20		
and Fuse cartridges 5 x 25		
see Page 2/93		

DEK 6	047346	-
DEK 6	047356	-
WS 12/6,5	160992	-

¹⁾ With wire bridge
²⁾ Without special parts

Z series system advantages



Useful accessories for user-orientated problem solutions.

Test adapters

ZTA modular test adapters contact the current bar directly to ensure low contact resistance and a good circuit connection. The adapter is designed for permanent tee-off for completely wired terminal strips with cross-connections and markers fitted.

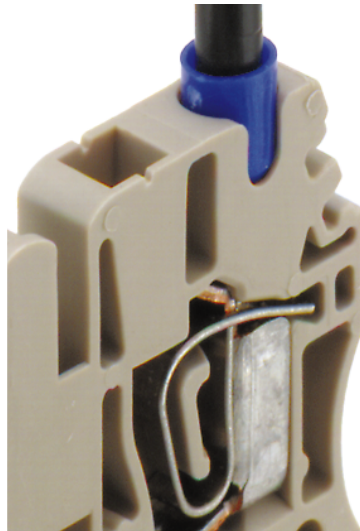
Wire Guides

For small cross-sections (< 1mm²/AWG 18) wire guides ensure solid and flexible wires are properly inserted into the clamping unit.

- All conductor types can be connected, even with the rated cross-section with ferrule
- Single-part PE contact for mechanical and electrical safety
- TOP-connection system enables
 - easy access to clamping points
 - fast connection
 - clear arrangement
- Time-saving plug-in 2...10-pole cross connect links
- Integrated test point
- Wemid-insulating material
 - Non-tracking KC > 600
 - Heat resistant 120 °C
 - Self-extinguishing V0 to UL
 - Contains no harmful substances

Marking systems

The marker mounting channel is arranged in the centre of the terminal to prevent connected conductors from obscuring the markings. Marking can take place with Weidmüller dekafix and newly developed ZS hinged marker systems. The hinged marker is designed for up to eight-digit marking and is simply snap-fitted stripwise into the marking channel and placed over the cross-connection channels. Identification of functional groups can take place with ZGB group tag carriers.



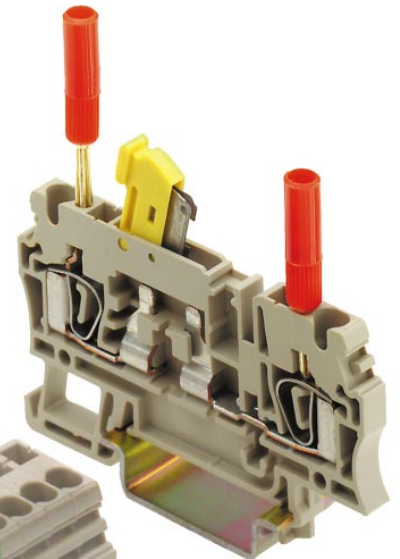
The large **terminal aperture size** (test with gauge pins according to IEC 947-1) results in space savings and installed cost advantages, as the rated cross-section with ferrules fitted is connectable.

Cross-connection system

Rational wiring is possible with two to ten-pole ZQV, completely shock-hazard protected units; no small partitions or end cover plates for adjacent cross-connections are necessary. Up to forty connection points can be applied to a potential with only one cross-connection unit. The cross-connections can be loaded with the rated current of the corresponding cross-section. By breaking out individual or several contact elements, several terminals can be skipped to suit the particular application. For control-circuit terminals with two connection points, two parallel cross-connection channels are available. This enables two potentials to be routed within the terminal. Only in the case of these two applications does the rated voltage reduce from 800 V to 400 V. By means of prefitted adapters from the W series to the screwless Z series, combined use of both families on one mounting rail is possible. Connection of the WDU 6 or WDU 10 to the Z series takes place with the ZQW 1 adapter. From the WDU 16 or WDU 35, the connection is realised with the ZQW 2.

With the **ZPE protective conductor terminal**, efficient contact to the mounting rail is established by simply snap-fitting the spring-loaded metal foot.

The one-piece construction of the metal parts enables lateral movement of the terminal without damaging the PE contact.



ZTR disconnect test terminals

feature integral test sockets for PS 2.3 test plugs. The easy to operate disconnect lever clearly shows the disconnected or closed position.

Feed-through terminals and disconnect terminals or disconnect terminals as such can be cross connected.

Fitting instructions for the Z series, Type ZMO1; Cat. no. 16108



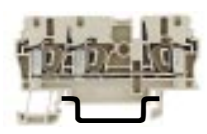
Feed-through terminal blocks and terminal blocks with electronic components

ZDU 2.5-2/3AN

ZDU 2.5-2/4AN


ZDU 2.5 ZDU 2.5/10

ZDU 2.5/3AN ZDU 2.5/3AN/10



Max. Technical Data

Dimensions

Width / length / height (mm) with TS 35 x 7,5 
Insulation stripping length mm

VDE rated data, 0611 Part 1/8.92/IEC 947-7-1/1989

Rated voltage / current / cross-section
Rated impulse voltage / pollution severity

Further technical data

Clampable conductor:
solid H07V-U mm²
flexible H07V-K mm²
with ferrule to DIN46 228/1** mm²
with ferrule with plastic insulating collar** mm²
Max. Clamping Range in mm² / Gauge pin to IEC 947-1/1988 Size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL
Voltage / current / conductor size CSA

Ordering data

Version

Beige Wemid
Blue Wemid
Orange PA
Terminal block 10-pole Wemid
Terminal block printed 1...9 Wemid

End plate / partition

Version

ZAP/TW Beige Wemid
ZAP/TWBL Blue Wemid
ZAP/TWOR Orange PA

Cross-connection



Connection of Z-series with WDU 6/WDU 10 by means of adapter type ZQW 1, with WDU 16/WDU 35 by adapter type ZQW 2

Test adapter

Version



Screwdriver

SD to DIN 5264-A

Screen lug

LS 2.8

Cover

ZAD 

Group marking

ZGB  Blank snap-on tag
ESO  Transparent protective cover
STR 

Reducing sleeves***

Colour

ZRH for conductor 0,13...0,2 mm² White
ZRH for conductor 0,25...0,5 mm² Grey
ZRH for conductor 0,75...1 mm² Dark grey

Marking tags

Print

DEK  Consecutive horizontal
DEK  Consecutive vertical
ZS 10  Blank
ZS 10  Printed

See page 2/60 as well as section 3 for additional accessories

24 A/2,5 mm²

5/50,5/43
10

800 V/24 A/2,5 mm²
8 kV/3

0,5...2,5
0,5...2,5
0,5...1,5¹⁾
0,5...1,5
0,13...2,5 A2
24
24

- *
- *

Type	Cat. No.	Qty.
ZDU 2.5-2/3AN	170601	100
ZDU 2.5-2/3AN BL	170604	100
ZDU 2.5-2/3AN OR	170605	100

Type	Cat. No.	Qty.
ZAP/TW7	170611	50
ZAP/TW7BL	170612	50
ZAP/TWOR	170613	50

ZQV	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

ZTA	Cat. No.	Qty.
ZTA 4/ZA	168811	25

TA	Cat. No.	Qty.
TA 1	053586	20

SD	Cat. No.	Qty.
SD 0,6 x 3,5	902423	1

LS	Cat. No.	Qty.
LS 2.8	105640	50

ZAD	Cat. No.	Qty.
ZAD 1/4	160911	20

ZGB	Cat. No.	Qty.
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Cat. No.	Qty.
ZRH 1.5H/1	167881	100
ZRH 1.5H/2	167880	100
ZRH 1.5H/3	167879	100

DEK	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

24 A/2,5 mm²

5/50,5/43
10

800 V/24 A/2,5 mm²
8 kV/3

0,5...2,5
0,5...2,5
0,5...1,5¹⁾
0,5...1,5
0,13...2,5 A2
24
24

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- *

Type	Cat. No.	Qty.
ZDU 2.5-2/4AN	170606	100
ZDU 2.5-2/4AN BL	170607	100
ZDU 2.5-2/4AN OR	170608	100

Type	Cat. No.	Qty.
ZAP/TW7	170611	50
ZAP/TW7BL	170612	50
ZAP/TWOR	170613	50

ZQB	Cat. No.	Qty.
ZQB 2.5	167712	50

ZTA	Cat. No.	Qty.
ZTA 4/ZA	168811	25

TA	Cat. No.	Qty.
TA 1	053586	20

SD	Cat. No.	Qty.
SD 0,6 x 3,5	902423	1

LS	Cat. No.	Qty.
LS 2.8	105640	50

ZAD	Cat. No.	Qty.
ZAD 1/4	160911	20

ZGB	Cat. No.	Qty.
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Cat. No.	Qty.
ZRH 1.5H/1	167881	100
ZRH 1.5H/2	167880	100
ZRH 1.5H/3	167879	100

DEK	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

31 A/4 mm²

5/59,5/39
10

800 V/24 A/2,5 mm²
8 kV/3

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3
24
24

600 V/25 A/26...12 AWG
600 V/27 A/26...12 AWG

Type	Cat. No.	Qty.
ZDU 2.5	160851	100
ZDU 2.5BL	160852	100
ZDU 2.5OR	163678	100
ZDU 2.5/10	162695	10
ZDU 2.5/10/BEZ	165187	10

Type	Cat. No.	Qty.
ZAP/TW1	160874	50
ZAP/TW1BL	160875	50
ZAP/TW1OR	160876	50

ZQV	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20
ZQW 1	161143	5
ZQW 2	161144	5

ZTA	Cat. No.	Qty.
ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

SD	Cat. No.	Qty.
SD 0,6 x 3,5	902423	1

LS	Cat. No.	Qty.
LS 2.8	105640	50

ZAD	Cat. No.	Qty.
ZAD 1/4	160911	20

ZGB	Cat. No.	Qty.
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Cat. No.	Qty.
ZRH 2.5/1	161430	100
ZRH 2.5/2	161429	100
ZRH 2.5/3	161428	100

DEK	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

31 A/4 mm²

5/64/39
10

800 V/24 A/2,5 mm²
8 kV/3

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3
24
24

600 V/25 A/26...12 AWG
600 V/27 A/26...12 AWG

Type	Cat. No.	Qty.
ZDU 2.5/3AN	160854	100
ZDU 2.5/3AN BL	160855	100
ZDU 2.5/3AN OR	163679	100
ZDU 2.5/3AN/10	162696	10
ZDU 2.5/3AN/10/BEZ	165188	10

Type	Cat. No.	Qty.
ZAP/TW2	160877	50
ZAP/TW2BL	160878	50
ZAP/TW2OR	160879	50

ZQV	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20
ZQW 1	161143	5
ZQW 2	161144	5

ZTA	Cat. No.	Qty.
ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

SD	Cat. No.	Qty.
SD 0,6 x 3,5	902423	1

LS	Cat. No.	Qty.
LS 2.8	105640	50

ZAD	Cat. No.	Qty.
ZAD 1/4	160911	20

ZGB	Cat. No.	Qty.
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Cat. No.	Qty.
ZRH 2.5/1	161430	100
ZRH 2.5/2	161429	100
ZRH 2.5/3	161428	100

DEK	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	

ZDU 2.5/4AN
ZDU 2.5/4AN/10

ZDU 2.5/2 x 2 AN
ZDU 2.5/2 x 2 AN/10

ZDU 2.5/2 x 2 AN/D

ZDU 2.5/2x2 AN/LD

ZDU 4
ZDU 4/10

ZDU 6
ZDU 6/10



30 A/4 mm²
5/79/39
10

30 A/4 mm²
5/79/39
10

5/79/39
10

5/79/39
10

41 A/6 mm²
6/62/43,5
12

57 A/10 mm²
8/65/45,5
13

800 V/24 A/2,5 mm²
8 kV/3

800 V/24 A/2,5 mm²
8 kV/3

400 V****/1 A/2,5 mm²
6 kV/3

24 V- / <5 mA/2,5 mm²

800 V/32 A/4 mm²
8 kV/3

800 V/41 A/6 mm²
8 kV/3

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3
24
24

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3

0,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4 A3

0,5...6
0,5...6
0,5...4
0,5...4
0,21...6 A4
32
32

0,5...10
0,5...10
0,5...6
0,5...6
0,21...10 A5
41
41

600 V/25 A/26...12 AWG
600 V/27 A/26...12 AWG

600 V/25 A/26...12 AWG
300 V/27 A/26...12 AWG

600 V/33 A/26...10 AWG
600 V/35 A/26...10 AWG

600 V/45 A/22...8 AWG
600 V/50 A/20...8 AWG

Type	Cat. No.	Qty.
ZDU 2.5/4AN	160857	100
ZDU 2.5/4AN BL	160858	100
ZDU 2.5/4AN OR	163680	100
ZDU 2.5/4AN/10	162697	10
ZDU 2.5/10/4AN/BEZ	165189	10

Type	Cat. No.	Qty.
ZDU 2.5/2x2AN	160860	100
ZDU 2.5/2x2AN BL	160861	100
ZDU 2.5/2x2AN OR	163681	100
ZDU 2.5/2x2AN/10	162698	10

Type	Cat. No.	Qty.
ZDU 2.5/2x2AN/D+	165034	20
mit Diode + ←-		
ZDU 2.5/2x2AN/D-	165035	20
mit Diode - ←+		

Type	Cat. No.	Qty.
ZDU 2.5/2x2AN/LD+	169259	20
mit LED rot + ←-		
ZDU 2.5/2x2AN/LD-	169260	20
mit LED red - ←+		

Type	Cat. No.	Qty.
ZDU 4	163205	100
ZDU 4 BL	163206	100
ZDU 4 OR	163683	100
ZDU 4/10	163207	10
ZDU 4/10/BEZ	165190	10

Type	Cat. No.	Qty.
ZDU 6	160862	50
ZDU 6 BL	160863	50
ZDU 6 OR	163682	50
ZDU 6/10	163143	5

ZAP/TW3	160880	50
ZAP/TW3BL	160881	50
ZAP/TW3OR	160882	50

ZAP/TW3	160880	50
ZAP/TW3BL	160881	50
ZAP/TW3OR	160882	50

ZAP/TW3	160880	50
ZAP/TW3BL	160881	50
ZAP/TW3OR	160882	50

ZAP/TW3	160880	50
ZAP/TW3BL	160881	50
ZAP/TW3OR	160882	50

ZAP/TW4	163209	50
ZAP/TW4BL	163210	50
ZAP/TW4OR	163211	50

ZAP/TW5	160883	50
ZAP/TW5BL	160884	50
ZAP/TW5OR	160885	50

ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20
ZQW 1	161143	5
ZQW 2	161144	5

ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20
ZQW 1	161143	5
ZQW 2	161144	5

ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20
ZQW 1	161143	5
ZQW 2	161144	5

ZQV 4/2	160895	60
ZQV 4/3	160896	60
ZQV 4/4	160897	60
ZQV 4/5	160898	20
ZQV 4/6	160899	20
ZQV 4/7	160900	20
ZQV 4/8	160901	20
ZQV 4/9	160902	20
ZQV 4/10	160903	20

ZQV 4/2	160895	60
ZQV 4/3	160896	60
ZQV 4/4	160897	60
ZQV 4/5	160898	20
ZQV 4/6	160899	20
ZQV 4/7	160900	20
ZQV 4/8	160901	20
ZQV 4/9	160902	20
ZQV 4/10	160903	20

ZQV 6/2	162785	60
ZQV 6/3	162786	60
ZQV 6/4	162787	60

ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

ZTA 1	160904	25
ZTA 1/ZA	160905	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

ZTA 2	160906	25
ZTA 2/ZA	160907	25
PS 2.3	018040	20
PS 2.0	029380	20
TA 1	053586	20

ZTA 3	165405	25
TA 1	053586	20

SD 0,6 x 3,5	902423	1
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SD 0,6 x 3,5	902423	1
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SD 0,6 x 3,5	902423	1
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SD 0,6 x 3,5	902423	1
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SD 0,6 x 3,5	902423	1
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SD 1 x 5,5	902429	1
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ZAD 1/4	160911	20
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ZAD 1/4	160911	20
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ZAD 1/4	160911	20
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ZAD 1/4	160911	20
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ZAD 2/4	160908	20
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ZAD 3/4	160912	20
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ZGB 30	161193	20
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ZGB 30	161193	20
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ZGB 30	161193	20
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ZGB 30	161193	20
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ZGB 30	161193	20
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ZGB 30	161193	20
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ESO 7	160772	240
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ESO 7	160772	240
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ESO 7	160772	240
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ESO 7	160772	240
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ESO 7	160772	240
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ESO 7	160772	240
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STR 7	051530	20
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STR 7	051530	20
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STR 7	051530	20
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STR 7	051530	20
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STR 7	051530	20
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STR 7	051530	20
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ZRH 2.5/1	161430	100
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ZRH 2.5/1	161430	100
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ZRH 2.5/1	161430	100
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ZRH 2.5/1	161430	100
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ZRH 4/1	163664	100
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ZRH 4/1	163664	100
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ZRH 2.5/2	161429	100
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ZRH 2.5/2	161429	100
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ZRH 2.5/2	161429	100
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ZRH 2.5/2	161429	100
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ZRH 4/2	163665	100
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ZRH 4/2	163665	100
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ZRH 2.5/3	161428	100
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ZRH 2.5/3	161428	100
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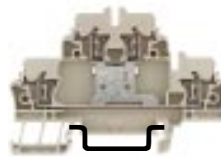
Feed-through terminal blocks and terminal blocks with electronic components

ZDK 2.5/1.5

ZDK 2.5/1.5 V

ZDK 2.5/1.5 N-DU

ZDK 2.5/1.5 DU-PE



Max. Technical Data

Dimensions		- / -	- / -	- / -	- / -
Width / length / height (mm)	with TS 35 x 7,5	5/79/54	5/79/54	5/79/54	5/79/54
Insulation stripping length	mm	10	10	10	10
VDE rated data, 0611 Part 1/8.92/IEC 947-7-1/1989					
Rated voltage / current / cross-section		500 V/24 A/2.5 mm ²	500 V/24 A/2.5 mm ²	500 V/24 A/2.5 mm ²	-- V/24 A/2.5 mm ²
Rated impulse voltage / pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data					
Clampable conductor:					
solid H07V-U	mm ²	0.5...2.5	0.5...2.5	0.5...2.5	0.5...2.5
flexible H07V-K	mm ²	0.5...2.5	0.5...2.5	0.5...2.5	0.5...2.5
with ferrule to DIN 46 228/1 ¹⁾	mm ²	0.5...1,5 ²⁾	0.5...1,5 ²⁾	0.5...1,5 ²⁾	0.5...1,5 ²⁾
with ferrule with plastic insulating collar**	mm ²	0.5...1,5	0.5...1,5	0.5...1,5	0.5...1,5
Max. Clamping Range in mm ² Gauge pin to IEC 947-1/1988	Size	0,13...2,5 A2	0,13...2,5 A2	0,13...2,5 A2	0,13...2,5 A2
Continuous current rating of cross-connection 2-pole	A	24	24	24	24
Continuous current rating of cross-connection multipole	A	24	24	24	24
UL / CSA rated data					
Voltage / current / conductor size	UL	*	*	*	*
Voltage / current / conductor size	CSA	*	*	*	*

Ordering data		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		Wemid	ZDK 2.5/1.5	167430	50	ZDK2.5/1.5 v	168999	50	ZDK2.5/1.5N-DU	168996	50	ZDK2.5/1.5DU-PE	168997	50
		Blue Wemid	ZDK 2.5/1.5 BL	167863	50									
		Orange PA	ZDK 2.5/1.5 OR	169414	50									

End plate / partition		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZAP/TW		Wemid	ZAP TW 2.5/1.5	167473	20	ZAP TW 2.5/1.5	167473	20	ZAP TW 2.5/1.5	167473	20	ZAP TW 2.5/1.5	167473	20
		Orange PA	ZAP TW 2.5/1.5	169008	20	ZAP TW 2.5/1.5	169008	20	ZAP TW 2.5/1.5	169008	20	ZAP TW 2.5/1.5	169008	20

Cross-connection		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZQV			ZQV 2.5/2	160886	60	ZQV 2.5/2	160886	60	ZQV 2.5/2	160886	60	ZQV 2.5/2	160886	60
			ZQV 2.5/3	160887	60	ZQV 2.5/3	160887	60	ZQV 2.5/3	160887	60	ZQV 2.5/3	160887	60
			ZQV 2.5/4	160888	60	ZQV 2.5/4	160888	60	ZQV 2.5/4	160888	60	ZQV 2.5/4	160888	60
			ZQV 2.5/5	160889	20	ZQV 2.5/5	160889	20	ZQV 2.5/5	160889	20	ZQV 2.5/5	160889	20
			ZQV 2.5/6	160890	20	ZQV 2.5/6	160890	20	ZQV 2.5/6	160890	20	ZQV 2.5/6	160890	20
			ZQV 2.5/7	160891	20	ZQV 2.5/7	160891	20	ZQV 2.5/7	160891	20	ZQV 2.5/7	160891	20
			ZQV 2.5/8	160892	20	ZQV 2.5/8	160892	20	ZQV 2.5/8	160892	20	ZQV 2.5/8	160892	20
			ZQV 2.5/9	160893	20	ZQV 2.5/9	160893	20	ZQV 2.5/9	160893	20	ZQV 2.5/9	160893	20
			ZQV 2.5/10	160894	20	ZQV 2.5/10	160894	20	ZQV 2.5/10	160894	20	ZQV 2.5/10	160894	20
			ZQV 2.5/50	169754	20	ZQV 2.5/50	169754	20	ZQV 2.5/50	169754	20	ZQV 2.5/50	169754	20

Test adapter		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		ZTA	ZTA 4/ ZA	168811	25	ZTA 4/ ZA	168811	25	ZTA 4/ ZA	168811	25	ZTA 4/ ZA	168811	25

Screwdriver		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
SD to DIN 5264-A			SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1

Group marking		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZGB			ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20
ESO		Blank snap-on tag	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240
STR		Transparent protective cover	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20

Reducing sleeves****		Colour	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZRH for conductor 0,13...0,2 mm ²		White	ZRH 1.5 H/1	167881	100	ZRH 1.5 H/1	167881	100	ZRH 1.5 H/1	167881	100	ZRH 1.5 H/1	167881	100
ZRH for conductor 0,25...0,5 mm ²		Grey	ZRH 1.5 H/2	167880	100	ZRH 1.5 H/2	167880	100	ZRH 1.5 H/2	167880	100	ZRH 1.5 H/2	167880	100
ZRH for conductor 0,75...1 mm ²		Dark grey	ZRH 1.5 H/3	167879	100	ZRH 1.5 H/3	167879	100	ZRH 1.5 H/3	167879	100	ZRH 1.5 H/3	167879	100

Marking tags		Print	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
DEK		Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500
DEK		Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500
ZS 10		Blank	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480
ZS 10		Printed	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480

See page 2/60 as well as section 3 for additional accessories

¹⁾ Ferrules crimped gas-tight

* Approvals applied for
**** Standard pack includes 100 strips for 10 poles each

²⁾ Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm² possible too

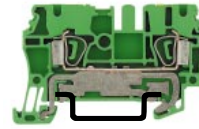
Protective conductor terminal blocks

ZPE 2.5-2/3AN

ZPE 2.5-2/4AN

ZPE 2.5

ZPE 2.5/3AN



Dimensions		ZPE 2.5-2/3AN	ZPE 2.5-2/4AN	ZPE 2.5	ZPE 2.5/3AN									
Width / length / height (mm)	with TS 35 x 7,5	5/50,5/43	5/50,5/43	5/59,5/39	5/64/39									
Insulation stripping length	mm	10	10	10	10									
Bemessungsdaten IEC947-7-2														
Rated voltage / current PEN / cross-section		-V/-A/2,5 mm ²	-V/-A/2,5 mm ²	-V/-A/2,5 mm ²	-V/-A/2,5 mm ²									
Rated voltage / rated impulse voltage / pollution severity to VDE 0110/1.89 to adjacent terminal		800 V/8 kV/3	800 V/8 kV/3	800 V/8 kV/3	800 V/8 kV/3									
Further technical data														
Clampable conductor:														
solid H07V-U	mm ²	0,5...2,5	0,5...2,5	0,5...4	0,5...4									
flexible H07V-K	mm ²	0,5...2,5	0,5...2,5	0,5...4	0,5...4									
with ferrule to DIN 46 228/1**	mm ²	0,5...1,5 ¹⁾	0,5...1,5 ¹⁾	0,5...2,5	0,5...2,5									
with ferrule with plastic insulating collar**	mm ²	0,5...1,5	0,5...1,5	0,5...2,5	0,5...2,5									
Max. Clamping Range in mm ² /Gauge pin to IEC 947-1/1988	Size	0,13...2,5 A2	0,13...2,5 A2	0,13...4 A3	0,13...4 A3									
UL / CSA rated data														
Voltage / current / conductor size	UL	*	*	-V/-A/26...12 AWG	-V/-A/26...12 AWG									
Voltage / current / conductor size	CSA	*	*	-V/-A/26...12 AWG	-V/-A/26...12 AWG									
Ordering data		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Green/yellow Wemid	ZPE 2.5-2/3AN	170609	100	ZPE 2.5-2/4AN	170610	100	ZPE 2.5	160864	100	ZPE 2.5/3AN	160865	100	
End plate / partition		Version												
ZAP/TW	Beige Wemid	ZAP/TW7	170611	50	ZAP/TW7	170611	50	ZAP/TW1	160874	50	ZAP/TW2	160877	50	
Support block		Version												
SH	For insulation of mounting rails in insulated-earth installations	SH 2	049492	10	SH 2	049492	10	SH 2	049492	10	SH 2	049492	10	
Test adapter		Version												
ZTA	Without pin	ZTA 4/ZA	168811	25	ZTA 4/ZA	168811	25	ZTA 1	160904	25	ZTA 1	160904	25	
	With pin	TA 1	053586	20	TA 1	053586	20	TA 1	053586	20	TA 1	053586	20	
	PS							PS 2.3	018040	20	PS 2.3	018040	20	
	TA							PS 2.0	029380	20	PS 2.0	029380	20	
Screwdriver		Version												
SD to DIN 5264-A		SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	
Group marking		Version												
ZGB	Blank snap-on tag	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	
ESO	Transparent protective cover	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	
STR		STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	
Reducing sleeves***		Colour												
ZRH for conductor 0,13...0,2 mm ²		White	ZRH 1.5H/1	167881	100	ZRH 1.5H/1	167881	100	ZRH 2.5/1	161430	100	ZRH 2.5/1	161430	100
ZRH for conductor 0,25...0,5 mm ²		Grey	ZRH 1.5H/2	167880	100	ZRH 1.5H/2	167880	100	ZRH 2.5/2	161429	100	ZRH 2.5/2	161429	100
ZRH for conductor 0,75...1 mm ²		Dark grey	ZRH 1.5H/3	167879	100	ZRH 1.5H/3	167879	100	ZRH 2.5/3	161428	100	ZRH 2.5/3	161428	100
Marking tags		Print												
DEK		Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500
DEK		Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500
ZS 10		Blank	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480
ZS 10		Printed	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480

See page 2/60 as well as section 3 for additional accessories

* Approvals applied for
** Ferrules crimped gas-tight

*** Standard pack includes 100 strips for 10 poles each

¹⁾ Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm² possible too

ZPE 2.5/4AN

ZDK 2.5/1.5 PE

ZDK 2.5/1.5 DU-PE

ZDK 2.5/1.5 N-PE

ZPE 4

ZPE 6



5/79/39	5/79/54	5/79/54	5/79/54	6 /62 /43,5	8/65/45,5
10	10	10	10	12	13
-V/-A/2,5 mm ²	-V/-A/2,5 mm ²	-V/24A/2,5 mm ²	-V/-A/2,5 mm ²	-V/-A/4 mm ²	-V/-A/6mm ²
800 V/8 kV/3	500/6 kV/3	500/6 kV/3	500/6 kV/3	800 V/8 kV/3	800 V/8 kV/3

0,5...4	0,5...2,5	0,5...2,5	0,5...2,5	0,5...6	0,5...10
0,5...4	0,5...2,5	0,5...2,5	0,5...2,5	0,5...6	0,5...10
0,5...2,5	0,5...1,5 ¹⁾	0,5...1,5 ¹⁾	0,5...1,5 ¹⁾	0,5...4	0,5...6
0,5...2,5	0,5...1,5	0,5...1,5	0,5...1,5	0,5...4	0,5...6

0,13...4	A3	0,13...2,5	A2	0,13...2,5	A2	0,13...2,5	A2	0,21...6	A4	0,21...10	A5
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-V/-A/26...12 AWG	*	*	*	-V/-A/26...10 AWG	-V/-A/22...8 AWG
-V/-A/26...12 AWG	*	*	*	-V/-A/26...10 AWG	-V/-A/20...8 AWG

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.			
ZPE 2.5/4AN	160866	100	ZDK 2.5/1.5 PE	169000	50	ZDK 2.5/1.5 DU-PE	168997	50	ZDK 2.5/1.5 N-PE	168998	50	ZPE 4	163208	100	ZPE 6	160867	50

ZAP/TW3	160880	50	ZAP/TW ZDK2.5	167473	50	ZAP/TW ZDK2.5	167473	50	ZAP/TW ZDK2.5	167473	50	ZAP/TW4	163209	50	ZAP/TW5	160883	50
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SH 2	049492	10	SH 2	049492	10	SH 2	049492	10	SH 2	049492	10	SH 2	049492	10	SH 2	049492	10
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ZTA 1	160904	25	ZTA 4/ZA	168811	25	ZTA 4/ZA	168811	25	ZTA 4/ZA	168811	25	ZTA 2	160906	25	ZTA 3	165405	25
ZTA 1/ZA	160905	25							ZTA 2/ZA	160907	25						
TA 1	053586	20							TA 1	053586	20						
PS 2.3	018040	20							PS 2.3	018040	20						
PS 2.0	029380	20							PS 2.0	029380	20						

SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 1 x 5,5	902429	1
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ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20
ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240
STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20

ZRH 2.5/1	161430	100	ZRH 1.5H/1	167881	100	ZRH 1.5H/1	167881	100	ZRH 1.5H/1	167881	100	ZRH 4/1	163664	100			
ZRH 2.5/2	161429	100	ZRH 1.5H/2	167880	100	ZRH 1.5H/2	167880	100	ZRH 1.5H/2	167880	100	ZRH 4/2	163665	100			
ZRH 2.5/3	161428	100	ZRH 1.5H/3	167879	100	ZRH 1.5H/3	167879	100	ZRH 1.5H/3	167879	100	ZRH 4/3	163666	100			

DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 6	046866	500	DEK 8	127696	500
DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 6	046876	500	DEK 8	128966	500
ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 12/6	161002	400	ZS 12/6	161002	400
ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 12/6	161003	400	ZS 12/6	161003	400

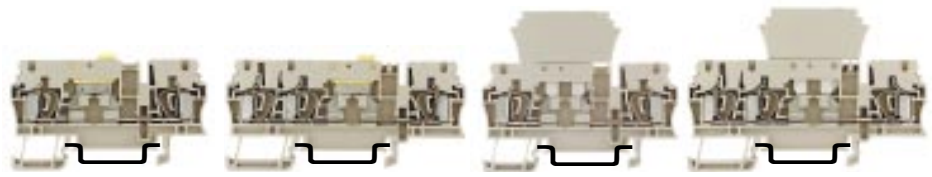
Disconnect test terminal blocks

ZTR 2.5

ZTR 2.5/3 AN

ZTR 2.5/D

ZTR 2.5/3 AN/D



Dimensions		ZTR 2.5	ZTR 2.5/3 AN	ZTR 2.5/D	ZTR 2.5/3 AN/D						
Width / length / height (mm)	with TS 35 x 7,5	5/68/41	5/83/41	5/68/57	5/83/57						
Insulation stripping length	mm	10	10	10	10						
Bemessungsdaten											
Rated voltage / current / cross-section		400 V/18 A**/2,5 mm ²	400 V/16 A**/2,5 mm ²	400 V/10 A**/2,5 mm ²	400 V/10 A**/2,5 mm ²						
Rated impulse voltage / pollution severity, VDE 0110/1.89		6 kV/3	6 kV/3	6 kV/3	6 kV/3						
Further technical data											
Clampable conductor:											
solid H07V-U	mm ²	0,5...4	0,5...4	0,5...4	0,5...4						
flexible H07V-K	mm ²	0,5...4	0,5...4	0,5...4	0,5...4						
with ferrule to DIN 46 228/1***	mm ²	0,5...2,5	0,5...2,5	0,5...2,5	0,5...2,5						
with ferrule with plastic insulating collar***	mm ²	0,5...2,5	0,5...2,5	0,5...2,5	0,5...2,5						
Max. Clamping Range in mm ² /Gauge pin to IEC 947-1/1988	Size	0,13...4 A3	0,13...4 A3	0,13...4 A3	0,13...4 A3						
UL / CSA rated data											
Voltage / current / conductor size		300 V/10 A/26...12 AWG	*	300 V/- A/26...12 AWG	*						
Ordering data		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		Wemid	ZTR 2.5	160868	100	ZTR 2,5/3AN	166830	100			
		Blue Wemid	ZTR 2.5BL	160869	100	ZTR 2,5/3ANBL	167030	100			
		Orange PA	ZTR 2.5OR	163684	100	ZTR 2,5/3ANOR	167032	100			
		Without disconnect lever	ZTR 2.5/O.TNHE	160870	100	ZTR 2,5/3ANO.TNHE	167031	100			
		With diode +D-							ZTR 2.5/D+	160871	50
		With diode -K+							ZTR 2.5/D-	160872	50
		With wire link							ZTR 2.5/D/DRBR	160873	50
									ZTR 2.5/3AN/D+	167033	50
									ZTR 2.5/3AN/D-	167034	50
									ZTR 2.5/3AN/D/DRBR	167035	50
End plate / partition		Version									
ZAP/TW		Wemid	ZAP/TW2	160877	50	ZAP/TW3	160880	50	ZAP/TW2	160877	50
		Blue Wemid	ZAP/TW2BL	160878	50	ZAP/TW3BL	160881	50	ZAP/TW2BL	160878	50
		Orange PA	ZAP/TW2OR	160879	50	ZAP/TW3OR	160882	50	ZAP/TW2OR	160879	50
									ZAP/TW3OR	160882	50
Cross-connection											
ZQV		ZQV	ZQV 2.5/2	160886	60	ZQV 2.5/2	160886	60	ZQV 2.5/2	160886	60
			ZQV 2.5/3	160887	60	ZQV 2.5/3	160887	60	ZQV 2.5/3	160887	60
			ZQV 2.5/4	160888	60	ZQV 2.5/4	160888	60	ZQV 2.5/4	160888	60
			ZQV 2.5/5	160889	20	ZQV 2.5/5	160889	20	ZQV 2.5/5	160889	20
			ZQV 2.5/6	160890	20	ZQV 2.5/6	160890	20	ZQV 2.5/6	160890	20
			ZQV 2.5/7	160891	20	ZQV 2.5/7	160891	20	ZQV 2.5/7	160891	20
			ZQV 2.5/8	160892	20	ZQV 2.5/8	160892	20	ZQV 2.5/8	160892	20
			ZQV 2.5/9	160893	20	ZQV 2.5/9	160893	20	ZQV 2.5/9	160893	20
			ZQV 2.5/10	160894	20	ZQV 2.5/10	160894	20	ZQV 2.5/10	160894	20
			ZQV 2.5/50	169754	20	ZQV 2.5/50	169754	20	ZQV 2.5/50	169754	20
			ZQW 1	161143	5	ZQW 1	161143	5	ZQW 1	161143	5
			ZQW 2	161144	5	ZQW 2	161144	5	ZQW 2	161144	5
Test adapter/Test plugs		Version									
ZTA		Without pin	ZTA 1	160904	25	ZTA 1	160904	25	ZTA 1	160904	25
		With pin	ZTA 1/ZA	160905	25	ZTA 1/ZA	160905	25	ZTA 1/ZA	160905	25
		PS	PS 2.0	029380	20	PS 2.0	029380	20	PS 2.0	029380	20
			PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
Screwdriver											
SD to DIN 5264-A			SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1	SD 0,6 x 3,5	902423	1
Cover											
ZAD			ZAD 1/4	160911	20	ZAD 1/4	160911	20	ZAD 1/4	160911	20
Reducing sleeves****		Colour									
ZRH for conductor 0,13...0,2 mm ²		White	ZRH 2.5/1	161430	100	ZRH 2.5/1	161430	100	ZRH 2.5/1	161430	100
ZRH for conductor 0,25...0,5 mm ²		Grey	ZRH 2.5/2	161429	100	ZRH 2.5/2	161429	100	ZRH 2.5/2	161429	100
ZRH for conductor 0,75...1 mm ²		Dark grey	ZRH 2.5/3	161428	100	ZRH 2.5/3	161428	100	ZRH 2.5/3	161428	100
Diode plug (spare)											
		+D-	WSD 2.5	105856	25	WSD 2.5	105856	25	WSD 2.5	105856	25
		-K+	WSD 2.5	105846	25	WSD 2.5	105846	25	WSD 2.5	105846	25
		With wire link	WSD 2.5	105866	25	WSD 2.5	105866	25	WSD 2.5	105866	25
		Without special components	WSD 2.5	105876	25	WSD 2.5	105876	25	WSD 2.5	105876	25
Group marking											
ZGB			ZGB 30	161193	20	ZGB 30	161193	20	ZGB 30	161193	20
ESO		Blank snap-on tag	ESO 7	160772	240	ESO 7	160772	240	ESO 7	160772	240
STR		Transparent protective cover	STR 7	051530	20	STR 7	051530	20	STR 7	051530	20
Marking tags		Print									
DEK		Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500
DEK		Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500
ZS 10		Blank	ZS 10/5	161000	480	ZS 10/5	161000	480	ZS 10/5	161000	480
ZS 10 DEK		Printed	ZS 10/5	161001	480	ZS 10/5	161001	480	ZS 10/5	161001	480

See page 2/60 as well as section 3 for additional accessories

* Approvals applied for ** The rated current is limited to 1 A by using the diode plug with Diode type 1 N 4007, reverse voltage 1000 V, current 1 A
 *** Ferrules crimped gas-tight

**** Standard pack includes 100 strips for 10 poles each

Fuse terminal blocks

ZSI 2.5

for metric fuses



ZSI 2.5/2

for inch fuses



Dimensions

Width / length / height (mm) with TS 35 x 7,5  8/79/74
 Insulation stripping length mm 10

Rated data

Terminal block base:
 Rated voltage / current / cross-section 500 V/6,3 A/2,5 mm²
 Rated impulse voltage / pollution severity to VDE 0110/1.89 6 kV/3

Fuse switches:

Fuse cartridges to VDE 0820 5 x 20 mm
 Dissipation at 23 °C and 1.5 x I rated current
 – Single arrangement W 2,5
 Combined arrangement W 1,6

Further technical data

Clampable conductor:
 solid H07V-U mm² 0,5...4
 flexible H07V-K mm² 0,5...4
 with ferrule to DIN 46 228/1*** mm² 0,5...2,5
 with ferrule with plastic insulating collar*** mm² 0,5...2,5
 Max. Clamping Range in mm²/Gauge pin to IEC 947-1/1988 Size 0,13...4 A3

UL / CSA rated data

Voltage / current / conductor size UL 600 V/10 A/26...12 AWG
 Voltage / current / conductor size CSA 600 V/15 A/26...12 AWG

Ordering data/Version	Rated impulse voltage
Wemid	500 V
Wemid/with 1 LED	250 V~/110 V-
Wemid/with 1 LED	80...120 V~/40...60 V-
Wemid/with 1 LED	30...60 V~/15...30 V-
Wemid/with 1 LED	10...24 V~/5...14 V-
Wemid/with 1 LED	24 V-

End plate / partition	Version
	Wemid ZAP/TW3 160880 50
	Blue Wemid ZAP/TW3BBL 160881 50
	Orange PA ZAP/TW3OR 160882 50
	Wemid ZAP TNHE/ZSI 2.5 161084 25

Cross-connection

ZQV 	ZQV 6/2 162785 60
ZQV 	ZQV 6/3 162786 60
ZQV 	ZQV 6/4 162787 60

Test adapter

Test adapter	Version
ZTA 	Without pin ZTA 1 160904 25
	With pin ZTA 1/ZA 160905 25








Screwdriver

SD to DIN 5264-A 	SD 0,6 x 3,5 902423 1
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


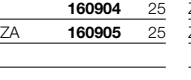
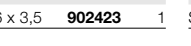
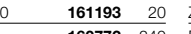
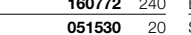






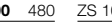

Group marking

ZGB 	ZGB 30 161193 20
ESO 	ESO 7 160772 240
STR 	STR 7 051530 20

Marking tags

Marking tags	Print
DEK 5 	Consecutive horizontal DEK 5 047346 500
DEK 5 	Consecutive vertical DEK 5 047356 500
ZS 10 	Blank ZS 10/5 161000 480
ZS 10 	Printed ZS 10/5 161001 480
WS 10 	Blank WS 10/5 106086 200
WS 10 	vertical Printed WS 10/5 144706 200
WS 10 	horizontal Printed WS 10/5 144716 200

See page 2/60 as well as section 3 for additional accessories

Width / length / height (mm) with TS 35 x 7,5 	8/79/74	12/79/74
Insulation stripping length mm	10	10
Rated data		
Terminal block base:		
Rated voltage / current / cross-section	500 V/6,3 A/2,5 mm ²	500 V/10 A/2,5 mm ²
Rated impulse voltage / pollution severity to VDE 0110/1.89	6 kV/3	6 kV/3
Fuse switches:		
Fuse cartridges to VDE 0820	5 x 20 mm	1/4" x 1/1/4" (6,3 x 32 mm)
Dissipation at 23 °C and 1.5 x I rated current		
– Single arrangement W	2,5	2,5
Combined arrangement W	1,6	2,5
Further technical data		
Clampable conductor:		
solid H07V-U mm ²	0,5...4	0,5...4
flexible H07V-K mm ²	0,5...4	0,5...4
with ferrule to DIN 46 228/1*** mm ²	0,5...2,5	0,5...2,5
with ferrule with plastic insulating collar*** mm ²	0,5...2,5	0,5...2,5
Max. Clamping Range in mm ² /Gauge pin to IEC 947-1/1988 Size	0,13...4 A3	0,13...4 A3
UL / CSA rated data		
Voltage / current / conductor size UL	600 V/10 A/26...12 AWG	600 V/16 A/26...12 AWG
Voltage / current / conductor size CSA	600 V/15 A/26...12 AWG	600 V/15 A/26...12 AWG
Ordering data/Version	Type Cat. No. Qty.	Type Cat. No. Qty.
Wemid	ZSI 2.5 161640 50	ZSI 2.5 161646 25
Wemid/with 1 LED	ZSI 2.5/LD 161641 50	ZSI 2.5/2LD 161650 25
Wemid/with 1 LED	ZSI 2.5/LD 161642 50	ZSI 2.5/2LD 161649 25
Wemid/with 1 LED	ZSI 2.5/LD 161643 50	ZSI 2.5/2LD 161648 25
Wemid/with 1 LED	ZSI 2.5/LD 161644 50	ZSI 2.5/2LD 161647 25
Wemid/with 1 LED	ZSI 2.5/LD 161645 50	
End plate / partition		
Wemid	ZAP/TW3 160880 50	ZAP TNHE/ZSI 2.5 161084 25
Blue Wemid	ZAP/TW3BBL 160881 50	
Orange PA	ZAP/TW3OR 160882 50	
Wemid	ZAP TNHE/ZSI 2.5 161084 25	
Cross-connection		
ZQV 	ZQV 6/2 162785 60	ZQS 2.5/2 163320 20
ZQV 	ZQV 6/3 162786 60	ZQS 2.5/3 163321 20
ZQV 	ZQV 6/4 162787 60	ZQS 2.5/4 163322 20
		ZQS 2.5/5 163323 20
Test adapter		
ZTA 	ZTA 1 160904 25	ZTA 1 160904 25
	ZTA 1/ZA 160905 25	ZTA 1/ZA 160905 25
Screwdriver		
SD to DIN 5264-A 	SD 0,6 x 3,5 902423 1	SD 0,6 x 3,5 902423 1
Group marking		
ZGB 	ZGB 30 161193 20	ZGB 30 161193 20
ESO 	ESO 7 160772 240	ESO 7 160772 240
STR 	STR 7 051530 20	STR 7 051530 20
Marking tags		
DEK 5 	Consecutive horizontal DEK 5 047346 500	DEK 5 047346 500
DEK 5 	Consecutive vertical DEK 5 047356 500	DEK 5 047356 500
ZS 10 	Blank ZS 10/5 161000 480	ZS 10/5 161000 480
ZS 10 	Printed ZS 10/5 161001 480	ZS 10/5 161001 480
WS 10 	Blank WS 10/5 106086 200	WS 10/5 106086 200
WS 10 	vertical Printed WS 10/5 144706 200	WS 10/5 144706 200
WS 10 	horizontal Printed WS 10/5 144716 200	WS 10/5 144716 200

Fitting the ZAP TNHE 2.5 end plate

The end plates are supplied individually and are only required as a cover for the fuse holder at the end of a terminal strip. The end plate can be used for the ZSI 2.5 and ZSI 2.5/2.



Fitting the ZSI 2.5/... cross connect link

Before fitting the cross connect link, the cross connect link window must be removed. Do not break out the side window of the last terminal.



*** Ferrules crimped gas-tight

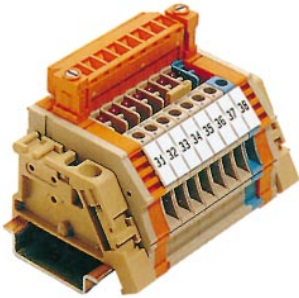
Cat.-Nr. for G-fuse inserts see Page 2/93

Modular terminal blocks for plug-in connectors

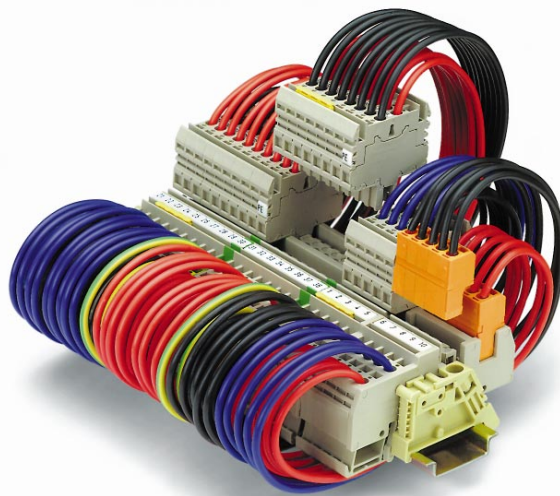
Modular functional units form the key-element for production systems constructed according to the building-block principle. Costly installation times can be reduced significantly, and sub-units can be rapidly replaced when maintenance or servicing is carried out.

Terminal blocks using plug-in connectors are tailor-made for this type of application. They enable functional units to be replaced rapidly, and the control system can be supplemented or modified without any problems.

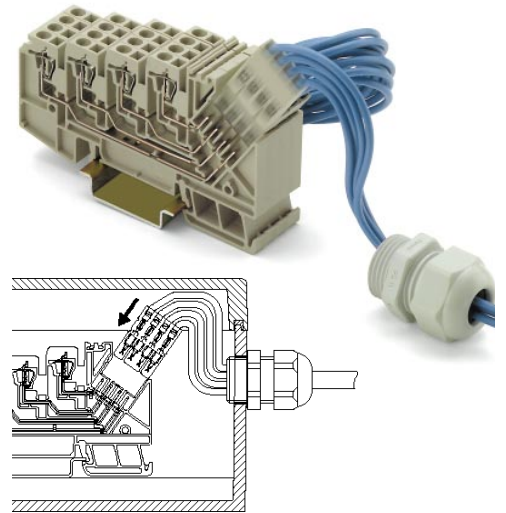
WDU 2.5/BLZ WDK 2.5/BLZ



ZKBD 2.5/1.5 ZKSD 2.5/1.5



ZRV 1.5



All types can be coded without reducing the number of available connections. The terminals can be used for up to 20 or 18.5 A. The WDK version saves significantly on space as it not only takes up less room along the mounting rail, but also across, as two identical connectors can be plugged in from the top.

- pitch: 5.08 and 7.62 mm
- rated voltage: 250 and 500 V
- versions with LED's
- mounting brackets for firmly securing plug-in connectors
- for BLZ and BLA systems

The prime feature of the new ZKBD and ZKSD terminal blocks for plug-in connectors is their modular construction. This system employs terminal block technology where ZKBD and ZKSD form the base terminals and ZSLD and ZBLD are the plug-in connectors. The Weidmüller tension clamp system is used to connect the conductors. This system enables functional units to be prefitted as well as tested with test plugs. This applies equally to the reciprocal component which could be a terminal strip wired up to a machine, or in a lift, tram or underground railway, etc.

- modular construction; plug-in connectors for between 2 and 12 poles
- base terminal as well as plug-in connector are each equipped with two connections and two cross-connection channels
- coding system that does not reduce number of poles
- resistant to shaking or vibrations
- no end or partition plates required, therefore no break in the pitch and less planning effort

On account of its low height of 55 mm (plus space taken up by loop in cable), this system can even be mounted inside very flat enclosures. The width of only 5 mm and the 4 through-connections reduce the length of the terminal block assemblies and make more space available inside the control cabinet. Conductors are attached on the terminal side by means of tension clamp connections using a top-entry system, and on the plug-in connector side by crimped contacts. The ZRV 1.5 is available as either a plain feedthrough terminal or combined with a PE connection. Reciprocally coded plugs, which cannot be connected the wrong way round, are available for both the plain feedthrough terminal and the feedthrough terminal with PE connection. It is also possible to fit these plugs through PG 11 gland entries, so that a PG threaded cable gland can be attached to the cable in advance. As cross-connections are possible within each of the 4 levels, voltages can be distributed systematically or even linked circuits can be created.

ZRV 1.5

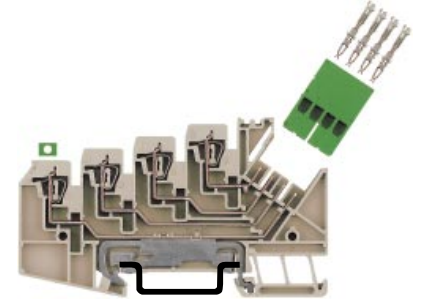
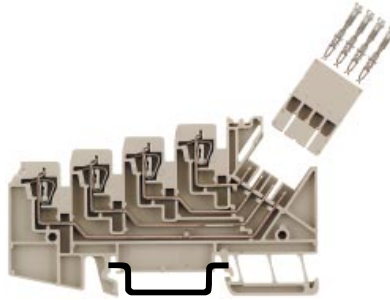
Terminal block for plug-in connectors




ZRV 1.5

STGH ZRV 1.5

ZRV 1.5PE

STGH ZRV 1.5/PE



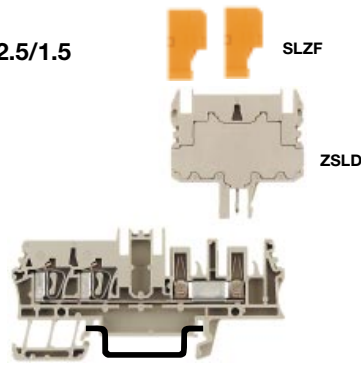
Dimensions	Base terminal	Plug-in connector	Base terminal	Plug-in connector
Width / length / height (mm)		5,0/23,0/16,8		5,0/23,0/16,8
Width / length / height (mm) with TS 35 x 7,5	5,0/89,2/51,8	-	5,0/89,2/51,8	-
Including plugged connector:				
Width / length / height (mm) with TS 35 x 7,5	5,0/89,2/55,0	-	5,0/89,2/55,0	-
Insulation stripping length/clamping screw/screwdriver blade	8 mm/-/-	4 mm/-/-	8 mm/-/-	4 mm/-/-
VDE rated data, VDE 0611				
Rated voltage / current / cross-section	63 V/4 A/1,5 mm ²	63 V/4 A/1,0 mm ²	63 V/4 A/1,5 mm ²	63 V/4 A/1,0 mm ²
Further technical data				
Clampable conductor:	mm ² Tension clamp connection	Tension clamp connection	Tension clamp connection	Tension clamp connection
solid H07V-U	mm ² 0,13...2,5	-	0,13...2,5	-
flexible H07V-K	mm ² 0,5...2,5	-	0,5...2,5	-
with ferrule to DIN 46 228/1	mm ² 0,5...2,5	0,2...0,35/0,5...1,0	0,5...2,5	0,2...0,35/0,5...1,0
with ferrule with plastic insulating collar	mm ² 0,5...1,5	-	0,5...1,5	-
Max. Clamping Range in mm ²	0,5...1,5	-	0,5...1,5	-
Gauge pin to IEC 947-1/1988	Size 0,13...2,5 A1	-	0,13...2,5 A1	-
UL / CSA rated data				
Voltage / current / conductor size	UL 150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG	150 V/10 A/26...14 AWG
Voltage / current / conductor size	CSA submitted	submitted	submitted	submitted
Ordering data	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	ZRV 1.5 169816 50	STGH ZRV 1.5 169819 50	ZRV 1.5 PE 169817 50	STGH ZRV1.5/PE 169820 50
Crimp contacts/Crimping tool				
0,2...0,35 mm ²		170533 5000		170533 5000
0,2...0,35 mm ²		170531 500		170531 500
0,5...1,0 mm ²		170534 5000		170534 5000
0,5...1,0 mm ²		170532 500		170532 500
Crimping tool HTF - ZRV		901484 1		901484 1
Crimping insert		170535 1		170535 1
End Plate				
	AP ZRV1.5 169818 10	-	AP ZRV1.5 169818 10	-
Cross-connection				
ZQV 2.5	2-pole ZQV 2.5/2 160886 60		ZQV 2.5/2 160886 60	
	3-pole ZQV 2.5/3 160887 60		ZQV 2.5/3 160887 60	
	4-pole ZQV 2.5/4 160888 60		ZQV 2.5/4 160888 60	
	5-pole ZQV 2.5/5 160889 20		ZQV 2.5/5 160889 20	
	7-pole ZQV 2.5/7 160191 20		ZQV 2.5/7 160191 20	
	8-pole ZQV 2.5/8 160192 20		ZQV 2.5/8 160192 20	
	9-pole ZQV 2.5/9 160193 20		ZQV 2.5/9 160193 20	
	10-pole ZQV 2.5/10 160194 20		ZQV 2.5/10 160194 20	
	50-pole* ZQV 2.5/50 169754 20		ZQV 2.5/50 169754 20	
Screwdriver				
SD to DIN 5264-A	SD 0,6 x 3,5 902423 1		SD 0,6 x 3,5 902423 1	
				
Marking tags				
	dekafix, WS 10	E-Fix unprinted 157372 Var.0002	dekafix, WS 10	E-Fix unprinted 157372 Var.0002
DEK				
ZS				

See page 2/60 as well as section 3 for additional accessories

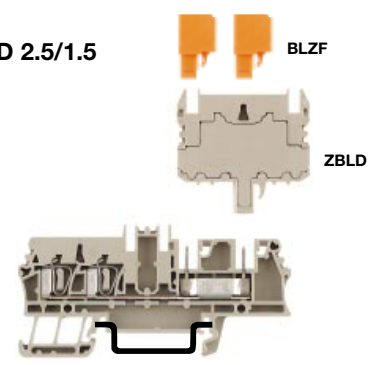
* Cross-connection can be easily cut off for required number of poles

Pluggable Terminal blocks

ZKBD 2.5/1.5



ZKSD 2.5/1.5



Dimensions

Width / length / height plugged in (mm) with TS 35 x 7,5
 Insulation stripping length mm

Bemessungsdaten

Rated voltage / current / cross-section
 Rated insulation voltage to VDE 0110 / 2.89 / pollution severity

Further technical data

Clampable conductor:
 solid H07V-U mm²
 flexible H07V-K mm²
 with ferrule to DIN 46 228/1** mm²
 with ferrule with plastic insulating collar** mm²
 Max. Clamping Range in mm²/Gauge pin to IEC 947-1/1988 Size
 Continuous current rating of cross-connection 2-pole A
 Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

Ordering data

Base terminal block Version Wemid

Connector

ZKBD / ZSLD	ZKBD / SLZF
5/79/62	5/79/49
8	7

ZKSD / ZBLD	ZKSD / BLZF
5/79/62	5/79/49
8	7

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZSLD 2.5/1.5/2	168828	25	SLZF 5,08/2	167945	100
ZSLD 2.5/1.5/3	168829	25	SLZF 5,08/3	167946	100
ZSLD 2.5/1.5/4	168889	25	SLZF 5,08/4	167947	100
ZSLD 2.5/1.5/5	168890	20	SLZF 5,08/5	167948	50
ZSLD 2.5/1.5/6	168891	20	SLZF 5,08/6	167949	50
ZSLD 2.5/1.5/7	168892	20	SLZF 5,08/7	167950	50
ZSLD 2.5/1.5/8	168893	20	SLZF 5,08/8	167951	50
ZSLD 2.5/1.5/9	168894	10	SLZF 5,08/9	167952	50
ZSLD 2.5/1.5/10	168895	10	SLZF 5,08/10	167953	50
ZSLD 2.5/1.5/11	168896	10	SLZF 5,08/11	167954	50
ZSLD 2.5/1.5/12	168897	10	SLZF 5,08/12	167955	50

ZKSD / ZBLD	ZKSD / BLZF
5/79/62	5/79/49
8	7

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZBLD 2.5/1.5/2	169763	25	BLZF 5.08/2	167991	100
ZBLD 2.5/1.5/3	169764	25	BLZF 5.08/3	167992	100
ZBLD2.5/1.5/4	169765	25	BLZF 5.08/4	167993	100
ZBLD2.5/1.5/5	169766	20	BLZF 5.08/5	167994	50
ZBLD2.5/1.5/6	169767	20	BLZF 5.08/6	167995	50
ZBLD2.5/1.5/7	169768	20	BLZF 5.08/7	167996	50
ZBLD2.5/1.5/8	169769	20	BLZF 5.08/8	167997	50
ZBLD2.5/1.5/9	169770	10	BLZF 5.08/9	167998	50
ZBLD2.5/1.5/10	169771	10	BLZF 5.08/10	167999	50
ZBLD2.5/1.5/11	169772	10	BLZF 5.08/11	168000	50
ZBLD2.5/1.5/12	169773	10	BLZF 5.08/12	168001	50

End plate / partition/Fixing bracket

ZAP	Version	Wemid
	Orange PA	
	Orange PA	

Cross-connection

ZQV 2.5	Version	Wemid
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

Test adapter

ZTA	Version	Wemid
ZTA 4/ZA	168811	25

Screwdriver

SD to DIN 5264-A

Group marking

ZGB	Version	Wemid
ESO	Blank snap-on tag	
STR	Transparent protective cover	

Reducing sleeves***

ZRH	Version	Wemid
ZRH for conductor 0,13...0,2 mm ²	White	
ZRH for conductor 0,25...0,5 mm ²	Grey	
ZRH for conductor 0,75...1 mm ²	Dark grey	

Marking tags

DEK	Version	Wemid
DEK	Consecutive horizontal	
DEK	Consecutive vertical	
ZS 10	Blank	
ZS 10	Printed	

See page 2/60 as well as section 3 for additional accessories

SD 0,6 x 3,5	Version	Wemid
SD 0,6 x 3,5	902423	1

ZGB	Version	Wemid
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Version	Wemid
ZRH 1.5H /1	167881	100
ZRH 1.5H /2	167880	100
ZRH 1.5H /3	167879	100

DEK	Version	Wemid
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

ZAP/TW 3	Version	Wemid
ZAP/TW 3	160880	50
ZAP/TW 3	160882	50
ZVR	168834	20

ZQV 2.5/2	Version	Wemid
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

ZTA 4/ZA	Version	Wemid
ZTA 4/ZA	168811	25

SD 0,6 x 3,5	Version	Wemid
SD 0,6 x 3,5	902423	1

ZGB	Version	Wemid
ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZRH	Version	Wemid
ZRH 1.5H /1	167881	100
ZRH 1.5H /2	167880	100
ZRH 1.5H /3	167879	100

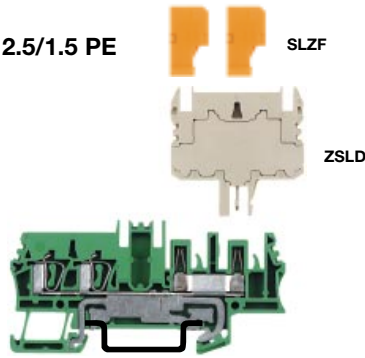
DEK	Version	Wemid
DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

* Approvals applied for
 ** Ferrules crimped gas-tight
 *** Standard pack includes 100 strips for 10 poles each

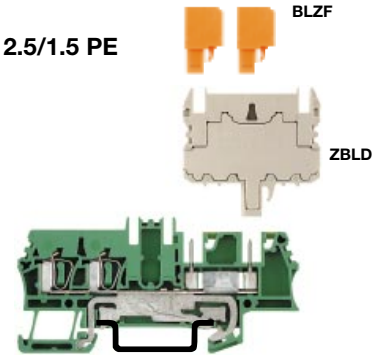
¹⁾ Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm² possible too

Pluggable Ground Terminal block

ZKBD 2.5/1.5 PE



ZKSD 2.5/1.5 PE



Dimensions

Width / length / height plugged in (mm) with TS 35 x 7,5 
 Insulation stripping length mm

Rated data

Rated voltage / current PEN / cross-section
 Rated voltage / rated impulse voltage / pollution severity to VDE 0110/1.89 to adjacent terminal

Further technical data

Clampable conductor:
 solid H07V-U mm²
 flexible H07V-K mm²
 with ferrule to DIN 46 228/1** mm²
 with ferrule with plastic insulating collar** mm²
 Max. Clamping Range in mm²/Gauge pin to IEC 947-1/1988 Size

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

Ordering data

Base terminal block Version Green/yellow Wemid

Connector

ZKBD PE / ZSLD ZKBD PE / SLZF

5/79/62 5/79/49
 8 7

-V/-A/2,5 mm² -V/-A/1,5 mm²
 250 V/4 kV/3 250 V/4 kV/3

Type Cat. No. Qty.

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZKBD 2.5 /1.5 PE	168827	100			
ZSLD 2.5/1.5/2	168828	25	SLZF 5,08/2	167945	100
ZSLD 2.5/1.5/3	168829	25	SLZF 5,08/3	167946	100
ZSLD 2.5/1.5/4	168889	25	SLZF 5,08/4	167947	100
ZSLD 2.5/1.5/5	168890	20	SLZF 5,08/5	167948	50
ZSLD 2.5/1.5/6	168891	20	SLZF 5,08/6	167949	50
ZSLD 2.5/1.5/7	168892	20	SLZF 5,08/7	167950	50
ZSLD 2.5/1.5/8	168893	20	SLZF 5,08/8	167951	50
ZSLD 2.5/1.5/9	168894	10	SLZF 5,08/9	167952	50
ZSLD 2.5/1.5/10	168895	10	SLZF 5,08/10	167953	50
ZSLD 2.5/1.5/11	168896	10	SLZF 5,08/11	167954	50
ZSLD 2.5/1.5/12	168897	10	SLZF 5,08/12	167955	50

ZKSD PE / ZBLD ZKSD PE / BLZF

5/79/62 5/79/49
 8 7

-V/-A/2,5 mm² -V/-A/1,5 mm²
 250 V/4 kV/3 250 V/4 kV/3

Type Cat. No. Qty.

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZKSD 2.5/1.5 PE	169762	100			
ZBLD 2.5/1.5/2	169763	25	BLZF 5.08/2	167991	100
ZBLD 2.5/1.5/3	169764	25	BLZF 5.08/3	167992	100
ZBLD 2.5/1.5/4	169765	25	BLZF 5.08/4	167993	100
ZBLD 2.5/1.5/5	169766	20	BLZF 5.08/5	167994	50
ZBLD 2.5/1.5/6	169767	20	BLZF 5.08/6	167995	50
ZBLD 2.5/1.5/7	169768	20	BLZF 5.08/7	167996	50
ZBLD 2.5/1.5/8	169769	20	BLZF 5.08/8	167997	50
ZBLD 2.5/1.5/9	169770	10	BLZF 5.08/9	167998	50
ZBLD 2.5/1.5/10	169771	10	BLZF 5.08/10	167999	50
ZBLD 2.5/1.5/11	169772	10	BLZF 5.08/11	168000	50
ZBLD 2.5/1.5/12	169773	10	BLZF 5.08/12	168001	50

End plate / partition/Fixing bracket Version

Version	Wemid
ZAP	Orange PA
ZAP	Orange PA

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZAP/TW 3	160880	50	ZAP 6	168830	50
ZAP/TW 3	160882	50	ZAP 6	168833	50
ZVR	168834	20	ZAP/VR 1	168831	50

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
ZAP/TW 3	160880	50	ZAP 6	168830	50
ZAP/TW 3	160882	50	ZAP 6	168833	50
ZVR	168834	20	ZAP/VR 1	168831	50

Support block

SH For insulation of mounting rails in insulated-earth installations

SH 2 **049492** 10

SH 2 **049492** 10

Test adapter Version

ZTA With pin

ZTA 4/ZA **168811** 25

ZTA 4/ZA **168811** 25

Screwdriver

SD to DIN 5264-A

SD 0,6 x 3,5 **902423** 1

SD 0,6 x 3,5 **902423** 1

Group marking

ZGB Blank snap-on tag
 ESO Transparent protective cover
 STR

ZGB 30 **161193** 20
 ESO 7 **160772** 240
 STR 7 **051530** 20

ZGB 30 **161193** 20
 ESO 7 **160772** 240
 STR 7 **051530** 20

Reducing sleeves*** Colour

ZRH for conductor 0,13...0,2 mm² White
 ZRH for conductor 0,25...0,5 mm² Grey
 ZRH for conductor 0,75...1 mm² Dark grey

ZRH 1.5H /1 **167881** 100 ZRH 1.5N /1 **163214** 100
 ZRH 1.5H /2 **167880** 100 ZRH 1.5N /2 **163213** 100
 ZRH 1.5H /3 **167879** 100 ZRH 1.5N /3 **163212** 100

ZRH 1.5H /1 **167881** 100 ZRH 1.5N /1 **163214** 100
 ZRH 1.5H /2 **167880** 100 ZRH 1.5N /2 **163213** 100
 ZRH 1.5H /3 **167879** 100 ZRH 1.5N /3 **163212** 100

Marking tags Print

DEK Consecutive horizontal
 DEK Consecutive vertical
 ZS 10 Blank
 ZS 10 DEK ZS Printed

DEK 5 **047346** 500
 DEK 5 **047356** 500
 ZS 10/5 **161000** 480
 ZS 10/5 **161001** 480

DEK 5 **047346** 500
 DEK 5 **047356** 500
 ZS 10/5 **161000** 480
 ZS 10/5 **161001** 480

See page 2/60 as well as section 3 for additional accessories

* Approvals applied for ** Ferrules crimped gas-tight *** Standard pack includes 100 strips for 10 poles each

1) Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm² possible too

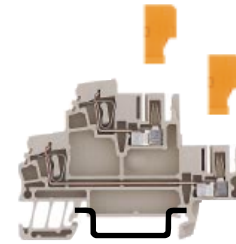
**Pluggable
Terminal blocks**

ZDKS

ZDKB



BLZF



SLZF

Dimensions	
Width / length / height plugged in (mm)	with TS 35 x 7,5
Insulation stripping length	mm

Rated data	
Rated voltage / current / cross-section	
Rated insulation voltage to VDE 0110 / 2.89 / pollution severity	

Further technical data	
Clampable conductor:	
solid H07V-U	mm ²
flexible H07V-K	mm ²
with ferrule to DIN 46 228/1**	mm ²
with ferrule with plastic insulating collar**	mm ²
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection multipole	A

UL / CSA rated data	
Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

Ordering data	Version
Base terminal block	Wemid

Connector

End plate / partition/Verriegelung	Version
ZAP	Wemid
ZVR	Beige PA
ZVR	grün PA

Cross-connection	
ZQV 2.5	

Test adapter	Version
ZTA	With pin

Screwdriver	
SD to DIN 5264-A	

Group marking	
ZGB	Blank snap-on tag
ESO	Transparent protective cover
STR	

Reducing sleeves***	Colour
ZRH for conductor 0,13...0,2 mm ²	White
ZRH for conductor 0,25...0,5 mm ²	Grey
ZRH for conductor 0,75...1 mm ²	Dark grey

Marking tags	Print
DEK	Consecutive horizontal
DEK	Consecutive vertical
ZS 10	Blank
ZS 10	Printed

See page 2/60 as well as section 3 for additional accessories

ZDKS	BLZF
5/79/62	5/79/49
8	7

250 V/16 A/2,5 mm ²	250 V/16 A/1,5 mm ²
4 kV/3	4 kV/3

0,5...2,5	0,5...2,5		
0,5...2,5	0,5...2,5		
0,5...1,5 ¹⁾	0,5...1,5		
0,5...1,5	0,5...1,5		
0,13...2,5	A2	0,13...2,5	A1
16		16	
16		16	

*		*	
*		*	

Type	Cat. No.	Qty.
ZDKS	169961	100
BLZF 5.08/2	167991	100
BLZF 5.08/3	167992	100
BLZF 5.08/4	167993	100
BLZF 5.08/5	167994	50
BLZF 5.08/6	167995	50
BLZF 5.08/7	167996	50
BLZF 5.08/8	167997	50
BLZF 5.08/9	167998	50
BLZF 5.08/10	167999	50
BLZF 5.08/11	168000	50
BLZF 5.08/12	168001	50

ZAP/ZDKB/ZDKS	169962	20
ZVR2 ZDKS 2.5/1.5	169964	20

ZQV 2.5N/2	169380	60
ZQV 2.5N/3	169381	60
ZQV 2.5N/4	169382	60
ZQV 2.5N/5	169383	20
ZQV 2.5N/6	169384	20
ZQV 2.5N/7	169385	20
ZQV 2.5N/8	169386	20
ZQV 2.5N/9	169387	20
ZQV 2.5N/10	169388	20
ZQV 2.5N/50	169389	5

ZTA 4/ZA	168811	25
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SD 0,6 x 3,5	902423	1
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ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZDKS	BLZF		
ZRH 1.5H /1	167881 100	ZRH 1.5N /1	163214 100
ZRH 1.5H /2	167880 100	ZRH 1.5N /2	163213 100
ZRH 1.5H /3	167879 100	ZRH 1.5N /3	163212 100

DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

ZDKB	SLZF
5/79/62	5/79/49
8	7

250 V/16 A/2,5 mm ²	250 V/16 A/1,5 mm ²
4 kV/3	4 kV/3

0,5...2,5	0,5...2,5		
0,5...2,5	0,5...2,5		
0,5...1,5 ¹⁾	0,5...1,5		
0,5...1,5	0,5...1,5		
0,13...2,5	A2	0,13...2,5	A1
16		16	
16		16	

*		*	
*		*	

Type	Cat. No.	Qty.
ZDKB	169960	100
SLZF 5.08/2	167945	100
SLZF 5.08/3	167946	100
SLZF 5.08/4	167947	100
SLZF 5.08/5	167948	50
SLZF 5.08/6	167949	50
SLZF 5.08/7	167950	50
SLZF 5.08/8	167951	50
SLZF 5.08/9	167952	50
SLZF 5.08/10	167953	50
SLZF 5.08/11	167954	50
SLZF 5.08/12	167955	50

ZAP/ZDKB/ZDKS	169962	20
ZVR1 ZDKS 2.5/1.5	169963	20

ZQV 2.5N/2	169380	60
ZQV 2.5N/3	169381	60
ZQV 2.5N/4	169382	60
ZQV 2.5N/5	169383	20
ZQV 2.5N/6	169384	20
ZQV 2.5N/7	169385	20
ZQV 2.5N/8	169386	20
ZQV 2.5N/9	169387	20
ZQV 2.5N/10	169388	20
ZQV 2.5N/50	169389	5

ZTA 4/ZA	168811	25
----------	---------------	----

SD 0,6 x 3,5	902423	1
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ZGB 30	161193	20
ESO 7	160772	240
STR 7	051530	20

ZDKB	SLZF		
ZRH 1.5H /1	167881 100	ZRH 1.5N /1	163214 100
ZRH 1.5H /2	167880 100	ZRH 1.5N /2	163213 100
ZRH 1.5H /3	167879 100	ZRH 1.5N /3	163212 100

DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

* Approvals applied for
 ** Ferrules crimped gas-tight
 *** Standard pack includes 100 strips for 10 poles each

¹⁾ Crimped with Weidmüller-Crimping tool PZ 6/5
 (Cat. No. 901146) 2,5 mm² possible too

ZDUB 2.5-2

Miniblocks in tension clamp technology

New family of miniature block terminals incorporating the tension clamp connection system and offering four different options for mounting.

- 1 Fitted without a mounting rail directly onto any supporting unit by means of external screws
- 1 Fitted without a mounting rail directly onto base panels by means of integrated snap-in clips
- 1 Fitted onto TS15 mounting rails in accordance with DIN EN 50 045
- 1 Option for fitting onto TS15 and TS 35 mounting rails by retrofitting a snap-on foot to direct-mounting versions

With this family of miniature block terminals it is possible to form individual blocks of 2 and 4-connection units as well as to combine the TS15 version with directly mounted intermediate terminals. The same applies also to the snap-in clip version if not all terminals require separate attachment. By assigning different colours to individual groups of connections, a clear division can be made between different circuits.

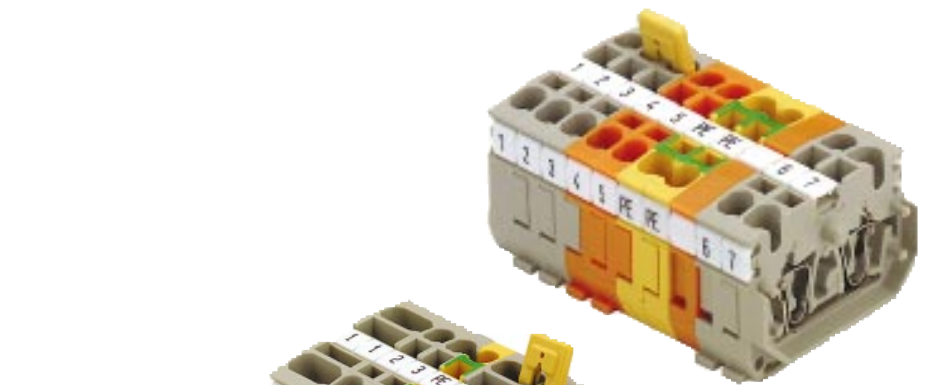
With an overall width of either 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees absolute clarity when the blocks are wired up. Even in terminal boxes where space is limited, the wiring remains neat and comprehensible.

With three options for marking, each individual block terminal can be identified quickly and unambiguously.

All block terminals are made from high-quality Weidmüller WEMID insulating material which conforms to the UL94 V0 flammability rating.

Summary of advantages

- 1 Four different mounting options
- 1 Two versions
 - 5 mm width with 2 connections
 - 10 mm width with 4 connections
- 1 Space-saving creation of individual blocks by combining 2 and 4-connection versions
- 1 TOP connection system guarantees clarity after terminals have been wired up
- 1 UL94 V0 flammability rating



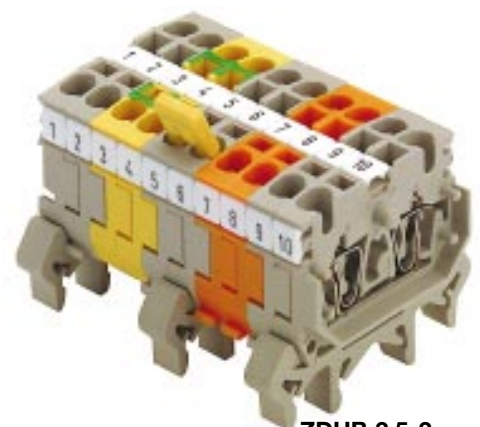
ZDUB 2.5-2
Direct mounting



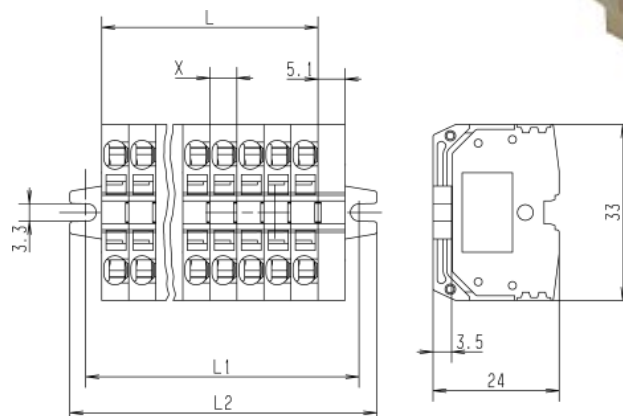
ZDUB 2.5-2
Snap-in clips



ZDUB 2.5-2
TS15



ZDUB 2.5-2
TS15 / TS35



Rated data IEC 947-7-1

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2,5 mm ²

Drilling plan (Dimensions in mm)

$L = (X \text{ terminals} \times 5,15) + (X \text{ terminals} \times 10,25)$
$L1 = L + 11,0$
$L2 = L + 17,0$
Fixing screw M 3

Miniblocks

ZDUB 2.5-2/2AN

Direct mounting

ZDUB 2.5-2/4AN

Direct mounting


ZDUB 2.5-2/2AN

Snap-in clips

ZDUB 2.5-2/4AN

Snap-in clips



Dimensions		ZDUB 2.5-2/2AN		ZDUB 2.5-2/4AN		ZDUB 2.5-2/2AN		ZDUB 2.5-2/4AN		
Width / length / height (mm)	with TS 15 	5/33/24		10/33/24		5/33/24		10/33/24		
Insulation stripping length	mm	10		10		10		10		
Rated data IEC 947-1										
Rated voltage / current / cross-section		800 V/24 A/2,5 mm ²		800 V/24 A/2,5 mm ²		800 V/24 A/2,5 mm ²		800 V/24 A/2,5 mm ²		
Rated insulation voltage to the neighbor terminals		8 kV/3		8 kV/3		8 kV/3		8 kV/3		
Rated impulse voltage / pollution severity										
Further technical data										
Clampable conductor:										
solid H07V-U	mm ²	0,5...2,5		0,5...2,5		0,5...2,5		0,5...2,5		
flexible H07V-K	mm ²	0,5...2,5		0,5...2,5		0,5...2,5		0,5...2,5		
with ferrule to DIN 46 228/1**	mm ²	0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		
with ferrule with plastic insulating collar**	mm ²	0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		0,5...1,5 ¹⁾		
Max. Clamping Range in mm ² /Gauge pin to IEC 947-1/1988 Size		0,13...2,5	A2	0,13...2,5	A2	0,13...2,5	A2	0,13...2,5	A2	
UL / CSA rated data										
Voltage / current / conductor size	UL	- *		600V/20A/26...12AWG		- *		600V/20A/26...12AWG		
Voltage / current / conductor size	CSA	- *		- *		- *		- *		
Ordering data		Version		Type		Cat. No.		Qty.		
Centreterminals ZDUB 2.5-2/2AN and 4AN		beige Wemid		2AN/DM	170435	100	4AN/DM	170454	100	
to be used with TS 15 or Clip versions,		blue Wemid		2AN/DM BL	170436	100	4AN/DM BL	170455	100	
in case each individual terminal is not		orange PA		2AN/DM OR	170437	100	4AN/DM OR	170456	100	
equipped with clip or foot		yellow/green Wemid		2AN/DM GE	170438	100	4AN/DM GE	170457	100	
Endterminal ZDUB 2.5-2		beige Wemid		2AN/DB	170450	100	4AN/DB	170469	100	
with flange.		blue Wemid		2AN/DB BL	170451	100	4AN/DB BL	170470	100	
Necessary for customer assembly of		orange PA		2AN/DB OR	170452	100	4AN/DB OR	170471	100	
individual No. of poles		yellow/green Wemid		2AN/DB GE	170453	100	4AN/DB GE	170472	100	
Multipole terminals ZDUB 2.5-2		2 pol		2AN/2/DB	170439	50	4AN/2/DB	170458	50	
Special versions out off 2AN and 4An		3 pol		2AN/3/DB	170440	50	4AN/3/DB	170459	50	
as well as other colours will be supplied		4 pol		2AN/4/DB	170441	20	4AN/4/DB	170460	20	
upon customer request.		5 pol		2AN/5/DB	170442	20	4AN/5/DB	170461	20	
		7-pole		2AN/6/DB	170443	20	4AN/6/DB	170462	20	
		8-pole		2AN/7/DB	170444	20	4AN/7/DB	170463	20	
		9-pole		2AN/8/DB	170445	10	4AN/8/DB	170464	10	
		10-pole		2AN/9/DB	170446	10	4AN/9/DB	170465	10	
		11-pole		2AN/10/DB	170447	10	4AN/10/DB	170466	10	
		12-pole		2AN/11/DB	170448	10	4AN/11/DB	170467	10	
				2AN/12/DB	170449	10	4AN/12/DB	170468	10	
Fixing bracket		Necessary for customer assembly of individual No. of poles		ZBB ZDUB	170474	50	ZBB ZDUB	170474	50	
Clip-on combifoot TS15 / TS35 for direct mounting versions		MOFU 15/35 ZDUB			172366	50		172366	50	
End plate		ZAP ZDUB = Thickness 5 mm		Wemid		ZAP ZDUB		170475	50	
		ZAP/TW ZDUA = Thickness 1.5 mm		Blue Wemid		ZAP ZDUB BL		170476	50	
				Orange Wemid		ZAP ZDUB OR		170477	50	
Partition		Thickness 5 mm		Orange Wemid		ZTW ZDUB		170434	50	
Cross-connection		ZQB 2.5 für ZDUB-Type		2-pole		ZQB 2.5		167712	50	
		ZQV 2.5N für ZDUA-Type		3-pole						
				4-pole						
				10-pole						
Screwdriver		SD to DIN 5264-A		SD 0,6 x 3,5		902423	1	SD 0,6 x 3,5	902423	1
								SD 0,6 x 3,5	902423	1
								SD 0,6 x 3,5	902423	1
Marking tags		Print		DEK 5		047346	500	DEK 5	047346	500
DEK		Consecutive horizontal		DEK 5		047356	500	DEK 5	047356	500
DEK		Consecutive vertical		ZS 10/5		161000	480	ZS 10/5	161000	480
ZS 10		Blank		ZS 10/5		161001	480	ZS 10/5	161001	480
ZS 10		printed						ZS 10/5	161001	480

See page 2/60 as well as section 3 for additional accessories

* Approvals applied for
** Ferrules crimped gas-tight

¹⁾ Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm² possible too

²⁾ Mountinghole for clip ø 3,5 mm
Steelthickness 0,6 -1,2 m, pitch 5,1 or 10,2

ZDUB 2.5-2/2AN

TS 15



5/33/32
10
800 V/24 A/2,5 mm ²
8 kV/3
0,5...2,5
0,5...2,5
0,5...1,5 ¹⁾
0,5...1,5 ¹⁾
0,13...2,5
A2

- *
- *

Type	Cat. No.	Qty.
2AN/15	171275	100
2AN/15 BL	171276	100
2AN/15 OR	171277	100

2AN/2/15	171433	50
2AN/3/15	171434	50
2AN/4/15	171435	20
2AN/5/15	171436	20
2AN/6/15	171437	20
2AN/7/15	171438	20
2AN/8/15	171439	10
2AN/9/15	171440	10
2AN/10/15	171441	10
2AN/11/15	171442	10
2AN/12/15	171443	10

ZAP ZDUB	170475	50
ZAP ZDUB BL	170476	50
ZAP ZDUB OR	170477	50

ZTW ZDUB	170434	50
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SD 0,6 x 3,5	902423	1
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DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

ZDUB 2.5-2/4AN

TS 15



10/33/32
10
800 V/24 A/2,5 mm ²
8 kV/3
0,5...2,5
0,5...2,5
0,5...1,5 ¹⁾
0,5...1,5 ¹⁾
0,13...2,5
A2

600V/20A/26...12AWG
- *

Type	Cat. No.	Qty.
4AN/15	171278	100
4AN/15 BL	171279	100
4AN/15 OR	171280	100

4AN/2/15	171444	50
4AN/3/15	171445	50
4AN/4/15	171446	20
4AN/5/15	171447	20
4AN/6/15	171448	20
4AN/7/15	171449	20
4AN/8/15	171450	10
4AN/9/15	171451	10
4AN/10/15	171452	10
4AN/11/15	171453	10
4AN/12/15	171454	10

ZAP ZDUB	170475	50
ZAP ZDUB BL	170476	50
ZAP ZDUB OR	170477	50

ZTW ZDUB	170434	50
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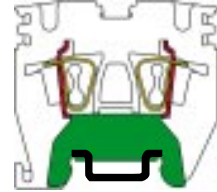
ZQB 2.5	167712	50
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SD 0,6 x 3,5	902423	1
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DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

ZPEB 2.5-2/2AN

TS 15



5/33/32
10
IEC 947-7-2
- /-/2,5 mm ²
800 V
8 kV/3
0,5...2,5
0,5...2,5
0,5...1,5 ¹⁾
0,5...1,5 ¹⁾
0,13...2,5
A2

- *
- *

Type	Cat. No.	Qty.
2AN/15	171281	100

2AN/2/15	171281	100
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ZAP ZDUB	170475	50
ZAP ZDUB BL	170476	50
ZAP ZDUB OR	170477	50

ZTW ZDUB	170434	50
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SD 0,6 x 3,5	902423	1
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DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

New miniature terminals in tension clamp technology with modular terminal block features

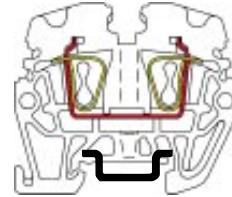
For attaching onto TS 15 mounting rails according to DIN EN 50045. ZDUA / ZPEA enable individual blocks of feed-through and protective conductive terminals to be assembled, whereby each terminal can be removed separately. With an overall width of 5 mm, the TOP connection system guarantees absolute clarity when the blocks are wired up. The time-saving ZQV 2,5N plug-in cross-connection can also be used with this series. Electrical contact is made by the protective conductor terminals automatically when they snap onto the mounting rail. With three options for marking, each individual block terminal can be identified quickly and unambiguously.

Summary of advantages:

- For mounting onto TS15 rails according to DIN EN 50045
- Plug-in cross-connections
- Mere 5 mm overall width
- TOP connection system
- UL94 V0 flammability rating

ZDUA 2.5-2

TS 15
available Sep. 97



5/35/30,5
10
500 V/24 A/2,5 mm ²
6 kV / 3
0,5...2,5
0,5...2,5
0,5...1,5 ¹⁾
0,5...1,5 ¹⁾
0,13...2,5
A2

- *
- *

Type	Cat. No.	Qty.
ZDUA 2.5-2	172092	100
ZDUA 2.5-2 BL	172093	100
ZDUA 2.5-2 OR	172094	100

ZDUA 2.5-2	172092	100
ZDUA 2.5-2 BL	172093	100
ZDUA 2.5-2 OR	172094	100

ZAP/TW ZDUA	172096	50
ZAP/TW ZDUA BL	172096	50
ZAP/TW ZDUA OR	172096	50

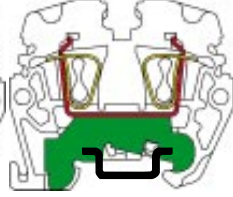
ZQV 2.5N/2	169380	60
ZQV 2.5N/3	169381	60
ZQV 2.5N/4	169382	60
ZQV 2.5N/10	169388	20

SD 0,6 x 3,5	902423	1
--------------	---------------	---

DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

ZPEA 2.5-2

TS 15
available Sep. 97



5/35/30,5
10
IEC 947-7-2
-- V/-- A/2,5 mm ²
500 V
6 kV / 3
0,5...2,5
0,5...2,5
0,5...1,5 ¹⁾
0,5...1,5 ¹⁾
0,13...2,5
A2

- *
- *

Type	Cat. No.	Qty.
ZPEA 2.5-2	172095	100

ZPEA 2.5-2	172095	100
------------	---------------	-----

ZAP/TW ZDUA	172096	50
ZAP/TW ZDUA BL	172096	50
ZAP/TW ZDUA OR	172096	50

SD 0,6 x 3,5	902423	1
--------------	---------------	---

DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

Accessories for the Z series

ZZA 2.5

Additional terminal for:
ZDU 2.5, ZDU 2.5/3 AN,
ZDU 2.5/4 AN, ZTR 2.5
und ZTR 2.5/3 AN



ZBW

Actuating tools



ZST

Bus Support



ZQB 2.5

Cross-connection bridge



Dimensions

Width / length / height	mm	6/21/61
Insulation stripping length	mm	10

Rated data

Rated voltage / current / cross-section	400 V/17,5 A/2,5 mm ²
Rated insulation voltage to VDE 0110 / 2.89 / pollution severity	6 kV/3

Further technical data

Clampable conductor:	
solid H07V-U	mm ² 0,5...4
flexible H07V-K	mm ² 0,5...4
with ferrule to DIN 46 228/1**	mm ² 0,5...2,5
with ferrule with plastic insulating collar**	mm ² 0,5...2,5
Max. Clamping Range in mm ² /Gauge pin to IEC 947-1/1988 Size	A3

Ordering data

Version

Wemid

Type	Cat. No.	Qty.
ZZA 2.5	164669	50

Type	Cat. No.	Qty.
ZBW 1	166962	1
ZBW 2	165067	1
ZBW 3	165068	1
ZBW 4	165069	1
ZBW 6	165070	1
ZBW W	166963	1

Type	Cat. No.	Qty.
ZST	167868	50

Type	Cat. No.	Qty.
ZQB	167712	50

Fitting the ZZA 2.5

Place the locating hook in the screwdriver guide of the contact part in the cross connection channel and subsequently press into place. A 6 mm pitch is provided so that each second terminal can be used.



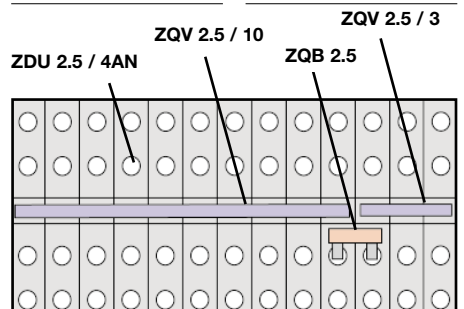
The ZBW 1 - 6 and ZBW W can be used for actuating the 1.5 mm² and 2.5 mm² terminal clamping units. The ZBW W additionally offers easier access in confined spaces. The plastic actuating tools increase safety when working on energised systems.

The bus support ZST is used to park test plugs, cross-connections and fuse links which are used by service Engineers. The bus support can be locked at the end of a terminal strip on TS 35 mounting rail.

Fitting the ZQB 2.5

The cross-connection bridge ZQB 2.5 extends the cross-connection units ZQV 2.5 / ... for the terminals ZDU 2.5 / 3AN and ZDU 2.5 / 4AN. The clamping units are opened with the operation tool ZBW 2, Cat. no.: 165067. Using the ZQB as shown in the drawing, the following rated data can be obtained:

Rated voltage:	500 V
Rated current:	24 A



Marking tags



Print

Consecutive horizontal
Consecutive vertical
Blank
Printed

DEK 5	047346	500
DEK 5	047356	500
ZS 10/5	161000	480
ZS 10/5	161001	480

Initiator terminals/Actuator terminals

ZIK•ZAK - System advantages

For process control automation in machinery and plants, initiators (such as triggering switches) and actuators (such as magnetic valves) are important components. To reduce the amount of wiring needed they are grouped and wired together on the machine.

The limited space available often makes it difficult to install terminal enclosures. In such situations, it is necessary to use the smallest possible components since little room is provided for wiring and mounting of the enclosure. However, no compromises are acceptable in terms of ease of installation, accessibility and clarity of the wiring.

The new ZIK ZAK initiator/actuator terminal from our Z-Series, fulfills the demands for compactness and intraconnection by employing a novel modular construction.

Modular distributor Systems

The terminal needed to connect the initiator/actuator consists of a base element and clip-on distribution elements. The base element contains only the connectors for the signal line. The +/- supply and ground could be linked within the enclosure.

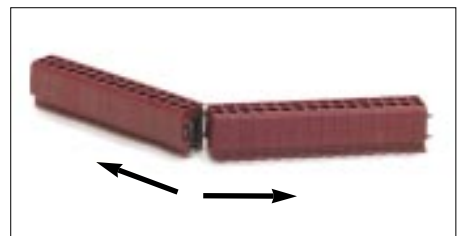
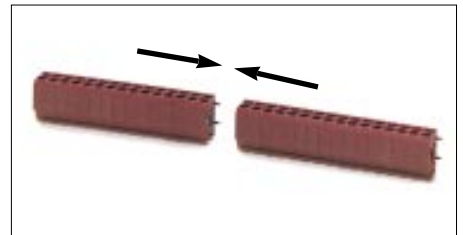
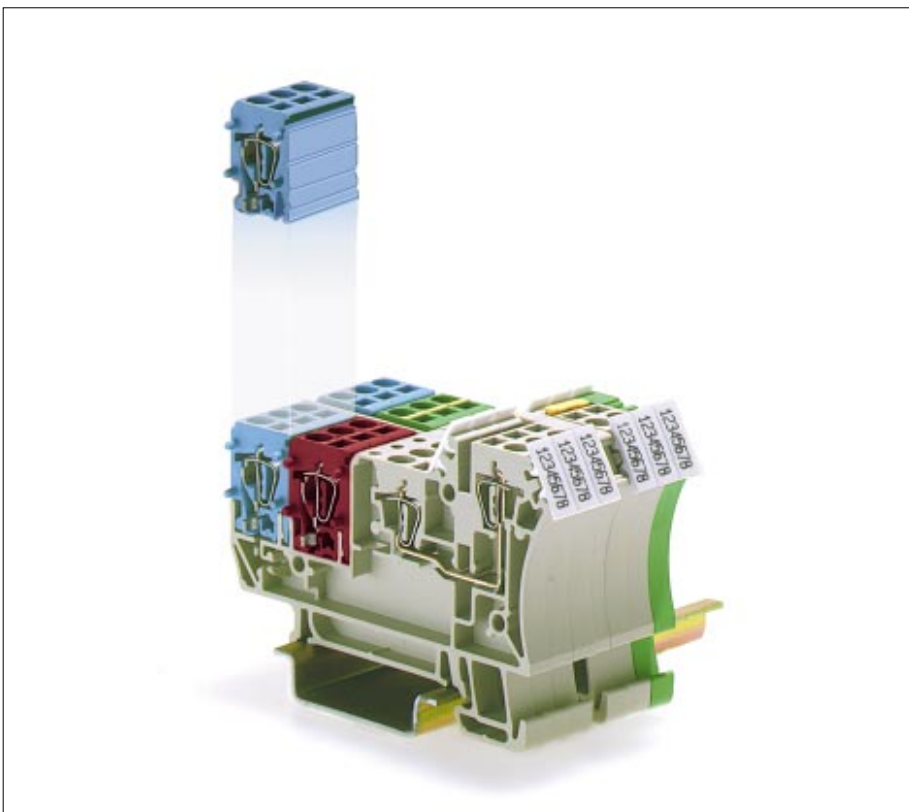
Marking systems

The use of coloured insulators (reddish-brown, blue and green/yellow) generally makes identification easy. The two marking channels for the connectors and signal are angled to improve legibility.

Modular distribution strip

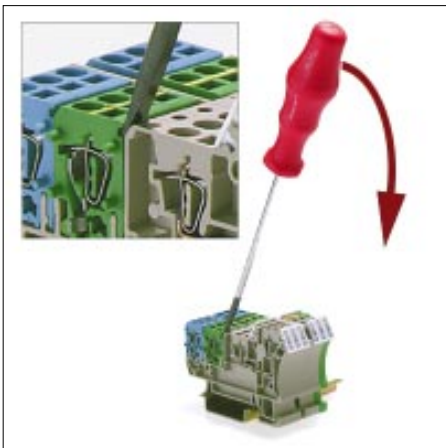
A cross-connection has already been integrated with a male connector on one side and a female connector on the opposite side. Joining the elements together automatically links up the cross-connection for power distribution.

There is no need for additional cross-connectors. There is no time spent attaching cross-connectors and, of course, no errors can be made with cross-connection. The user can determine the number of poles for cross-connection.



Easy to modify

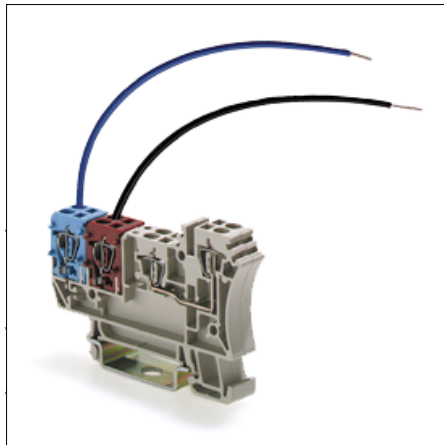
Once joined together the distribution strip simply clips onto the base element. There are no tools necessary. Should you want to remove a distribution strip you can simply pry it off with a cheese-head screw driver.



Connection of actuators

Ground (PE) can be connected with a PE element or using a standard PE terminal (such as the ZPE 22.5). The PE base element has the proven PE foot from the ZPE 2.5 and contacts automatically with the ZVL 1.5 PE distributor strip when mounted.

The contact takes place between the female contact of the first distributor element and the male contact in the PE foot of the PE base element.

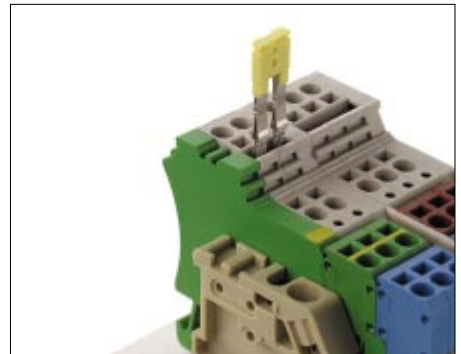


This is the innermost ratchet of both the 3-way and 4-way variants. If you use a standard PE terminal, this will have to be connected to the ZVL 1.5 PE distributor element with a suitable wire. The n+1 rule for the number of distributor elements also applies here. In other words, just 1 PE element per series (n) of base elements. Because of the design, the PE element should always be to the left of the block.



Pluggable cross-connection system

If you do need to cross-connect a signal line you can use the familiar ZQV/2.5 from Z-Series.



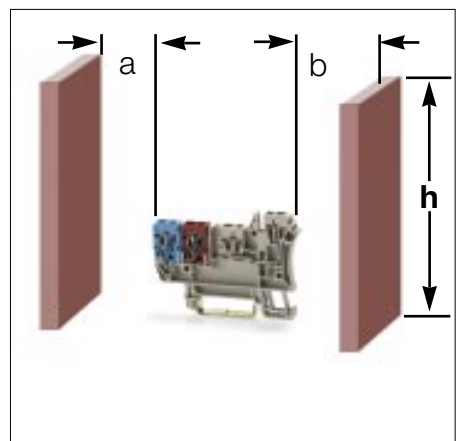
Not much space required

The TOP-connection also ensures easy access and easy-to-locate wiring. Wiring up the connector is easier and more reliable since wiring errors are quickly recognised. The strain on the wiring is lower with a TOP-connection. The combination with tension clamp technology improves user-friendliness.

A welcome feature of this type of connector is the ability to use extremely narrow ducting and narrow flat enclosures.

Distance to body of terminal:

- a = 6 mm
- b = 11.5 mm for 40 mm height
- = 20.2 mm for 60 mm height



Connection of initiators

No further terminal variations are required for power supply since this ensues simply by adding additional base elements that have built-in cross-connection.

An example:

If you wanted to connect 9 initiators, you would simply need 10 3-way or 4-way base elements, 10 brown ZVL 1.5 BR distributor elements and 10 blue ZVL 1.5 BL (-) distributor elements. The extra element is the feed. The number of distributor elements is therefore n + 1, where **n** is the number of initiator / actuators being connected.

**ZIK•ZAK -
Modular distribution system**

**Terminal base
3-way**


**Terminal base
4-way**

**Distribution
strip**

Block versions



Dimensions

Width / length / height (mm) Terminal base with TS 35 x 7,5 
 Width / length / height (mm) Distribution
 Insulation stripping length/clamping screw/screwdriver blade
VDE rated data, 0611 Part 1/8.92/IEC 947-7-1/1989
 Rated voltage / current / cross-section
 Rated voltage / current / cross-section (mit LED)
 Rated impulse voltage / pollution severity

5,08/68/45,8
 8 mm/-/3,5 x 0,6
 250 V/17,5 A/1,5 mm²
 5...30 V/17,5 A/1,5 mm²
 4 kV/3

5,08/81/45,8
 8 mm/-/3,5 x 0,6
 250 V/17,5 A/1,5 mm²
 5...30 V/17,5 A/1,5 mm²
 4 kV/3

5/12,9/17,5
 8 mm/-/3,5 x 0,6
 250 V/17,5 A/1,5 mm²
 5...30 V/17,5 A/1,5 mm²
 4 kV/3

8 mm/-/3,5 x 0,6
 250 V/17,5 A/1,5 mm²
 4 kV/3

Further technical data

Tightening torque Nm
 Torque level with electric screwdriver type DMS2

Nm

Clampable conductor

solid H07V-U mm²
 stranded H07V-R mm²
 flexible H07V-K mm²
 flexible H07V-K und AEH DIN 46 228/1 mm²
 Max. Clamping Range in mm²/Gauge pin to IEC 947-1/1988 Size

0,13...2,5
 0,5...2,5
 0,5...1,5

0,13...2,5
 0,5...2,5
 0,5...1,5

0,13...2,5
 0,5...2,5
 0,5...1,5

0,13...2,5
 0,5...2,5
 0,5...1,5

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

300 V/10 A/26...14 AWG
 300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG
 300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG
 300 V/10 A/26...14 AWG

300 V/10 A/26...14 AWG
 300 V/10 A/26...14 AWG

Ordering data

Terminal base 3-way
 Terminal base 3-way 10 poles
 Terminal base 3-way with LED for PNP and NPN*
 PE-Terminal base 3-way
 Terminal base 4-way
 Terminal base 4-way 10 poles
 Terminal base 4-way with LED for PNP and NPN*
 PE-Terminal base 4-way
 Wemid
 brown Wemid
 blue Wemid
 green / yellow Wemid

Type	Cat. No.	Qty.
ZIA 1.5/3 L-1 S	165198	100
ZIA 1.5/3 L-1S/10	169261	10
ZIA 1.5/3 L 1 S/LD	165199	50
ZIA 1.5/3 L-PE	165200	20

Type	Cat. No.	Qty.
ZIA 1.5/4 L-1 S	165201	100
ZIA 1.5/4 L-1 S/10	169262	5
ZIA 1.5/4 L 1 S/LD	165202	50
ZIA 1.5/4 L-PE	165203	20

Type	Cat. No.	Qty.
ZVL 1.5	164930	100**
ZVL 1.5 BR	165037	100**
ZVL 1.5 BL	165036	100**
ZVL 1.5 PE	165197	100**

These terminal blocks are assembled with distributions blocks ZVL 1.5 and an end-plate.
 The power supply is done with an integrated terminal base for the Initiator version or with an integrated PE-terminal base for the Actuator version or Initiator version with PE-version.

3-way type:

for 8 Initiators
 for 8 Actuators
 for 16 Initiators
 for 16 Actuators

4-way type:

for 8 Initiators with PE
 for 16 Initiators with PE

End plate

Width / length / height (mm)
 3,8/68/38 3-way
 3,8/81/38 4-way

ZAP/TW ZIA 1.5/3 L 164954 50

ZAP/TW ZIA 1.5/4 L 164955 50



Cross-connection

for signal level
 ZQV
 2 poles
 3 poles
 4 poles
 5 poles
 6 poles
 7 poles
 8 poles
 9 poles
 10 poles
 50 poles

Type	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

Type	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

Type	Cat. No.	Qty.
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
ZQV 2.5/50	169754	20

Type	Cat. No.	Qty.
ZIA 1.5/3L-1S/8/kB	169263	5
ZIA 1.5/3L-PE/8/kB	169265	5
ZIA 1.5/3L-1S/16/kB	169264	2
ZIA 1.5/3L-PE/16/kB	169266	2
ZIA 1.5/4L-PE/8/kB	169267	5
ZIA 1.5/3L-PE/16/kB	169268	2

Screwdriver

SD to DIN 5264 A 

SD 0,6 x 3,5 902423 1

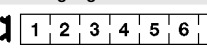
SD 0,6 x 3,5 902423 1

SD 0,6 x 3,5 902423 1

SD 0,6 x 3,5 902423 1

Marking tags

Print

 Consecutive horizontal
 Consecutive vertical

DEK 5	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500

DEK 5	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500

DEK 5	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500

DEK 5	Cat. No.	Qty.
DEK 5	047346	500
DEK 5	047356	500

See page 2/60 as well as section 3 for additional accessories

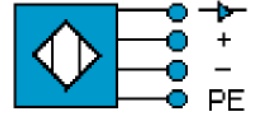
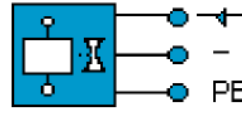
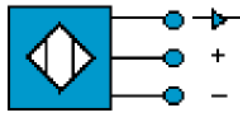
*) Note the polarity
 **) Pre-assembled as 20 pole-units

ZIK•ZAK - Configuration examples

3-way Initiator

3-way Actuator

3-way Initiator with PE



Type **Cat. No.** **Qty.**
Terminal base 3-way
ZIA 1.5/3 L-1 S **165198** 100



Terminal base 3-way with LED
ZIA 1.5/3 L- **165199** 50
1 S/LD
for PNP and NPN



Terminal base 4-way
ZIA 1.5/4 L-1 S **165201** 100



Terminal base 4-way with LED
ZIA 1.5/4 L- **165202** 50
1 S/LD
for PNP and NPN



Terminal base 3-way
ZIA 1.5/3 L-PE **165200** 20



as required

as required

PE-Terminal base 4-way
ZIA 1.5/4 L-PE **165203** 20



End plate 3-way
ZAP/TW **164954** 50
ZIA 1.5/3 L



End plate 4-way
ZAP/TW **164955** 50
ZIA 1.5/4 L



Distribution strip
ZVL 1.5 BR **165037** 100



Distribution strip
ZVL 1.5 BL **165036** 100



Distribution strip
ZVL 1.5 PE **165197** 100



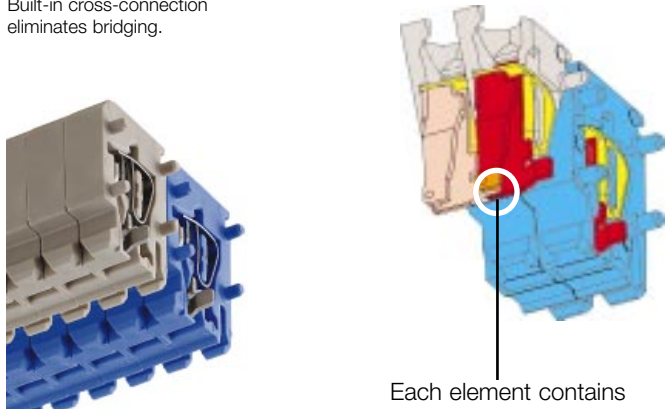
ZIK•ZAK configuration



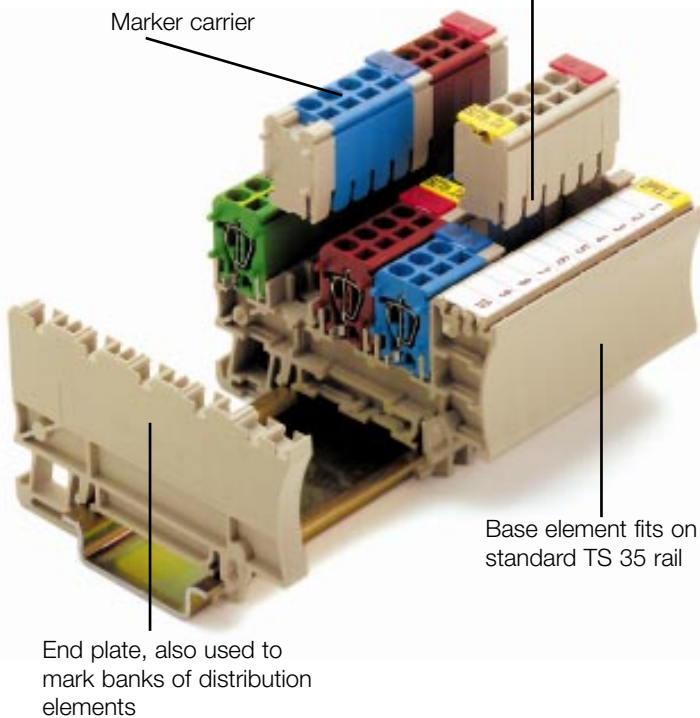
ZPV 1.5 – potential distribution

- ZPV 1.5 is modular.
You determine the number of poles you need on-site.
- Cross-connections are built in.
- Rearrange the block whenever you need - in seconds.
- Ultra-compact TOP connection thanks to tension-clamp. This permits easy wiring, even in tight spaces.
- And, there's room in even the smallest enclosure thanks to the overall compactness of the ZPV.

Built-in cross-connection eliminates bridging.



Each element contains built-in cross connection, on one side the male connector, on the other the female.



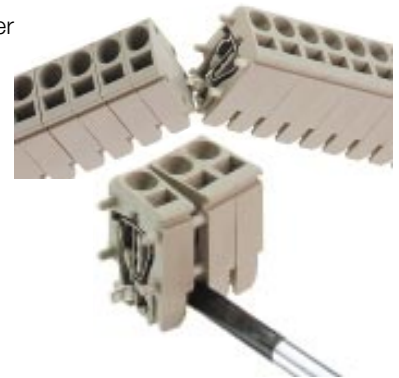
Marker carrier

Base element fits on standard TS 35 rail

End plate, also used to mark banks of distribution elements

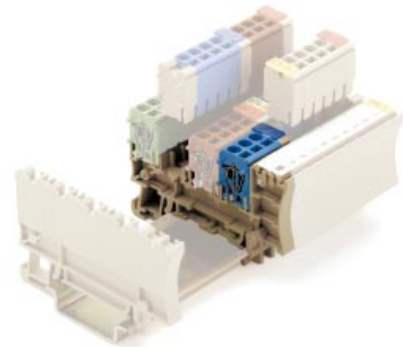
Easy to put together - and split apart

Simply snap off the number of poles you need - by hand or using a screw driver. Assembly errors can be rectified in seconds.



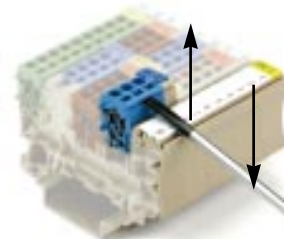
Familiar installation

The ZPV 1.5 base elements (also supplied in strips of 20) snap easily onto a regular TS 35 rail. Each base element can take 4 parallel distributor elements. Like the entire ZIK-ZAK series, the elements simply snap onto the ZPV 1.5. The individual rows of distributor elements are electrically separate from each other. To separate within a row of distributor elements we recommend our BZT 1.5 marker plates.



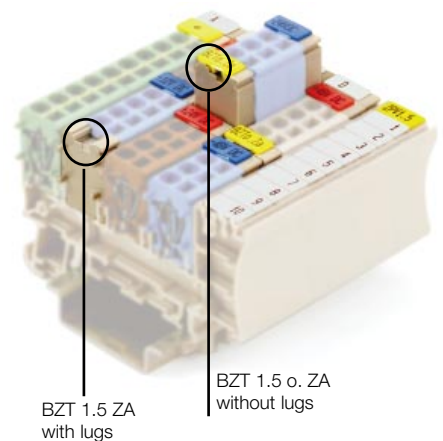
Flexible assembly

Disassembling and reassembling the blocks is simply a matter of prising off the units. It's a snap with ZPV 1.5.



Pure identification

And once you've decided on the layout of your block you'll discover that marking is just as easy. Matrix-like marking provides easy recognition. The BZT 1.5 ZA is a marker with lugs to link to the next distributor element. The BZT 1.5 o. ZA, on the other hand, has no lugs for individual mounting / dismantling of sections of the distribution row. Both markers are effective electrical separators.



BZT 1.5 ZA with lugs

BZT 1.5 o. ZA without lugs

ZPV 1.5 Variable-pole potential distributors with built-in cross-connection

ZPV 1.5



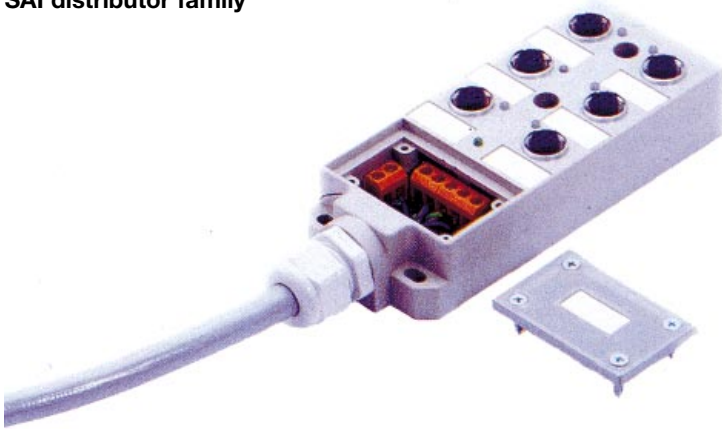
ZVL 1.5



Dimensions					
Width / length / height (mm)	with TS 35 x 7,5	5,08/68 /38		5,08/12.9/17.5	
Insulation stripping length/clamping screw/screwdriver blade		- / - / -		8/-/-	
Rated data					
Rated data VDE 0611 Part 1/8.92 / IEC 947-7-1					
Rated voltage / current / cross-section		250 V/17,5 A/1,5 mm ²		250 V/17,5 A/1,5 mm ²	
Rated impulse voltage / pollution severity		4 kV/3		4 kV/3	
Further technical data					
Clampable conductor	mm ²			0,13 ... 2,5	
solid H07V-U	mm ²			0,5 ... 2,5	
flexible H07V-K	mm ²			0,5 ... 2,5	
flexible H07V-K					
and ferrules acc. DIN 46 228/1	mm ²			0,5 ... 1,5	
flexible H07V-K					
and ferrules with plastic insul. collar	mm ²			0,5 ... 1,5	
Clampability of two conductors					
2 x flexible H05V-K 0,75	mm ²			0,75	
with twin ferrules (Cat. No. 901851)					
and PZ4 Crimper (Cat. No. 901250)					
oder PZ 6/5 Crimper (Cat. No. 901146)					
Insulation stripping length = 11 ± 0,5 mm					
Gauge pin to 947-1/1988				A 1	
size		24 A / 2,5 mm ²		24 A / 2,5 mm ²	
Continuous current rating of terminal block for conductor size					
UL / CSA rated data					
Voltage / current / conductor size	UL	300 V/10 A/ 26...14 AWG		300 V/10 A/ 26...14 AWG	
Voltage / current / conductor size	CSA	300 V/10 A/ 26...14 AWG		300 V/10 A/ 26...14 AWG	
Ordering data					
Type					
Wemid		Cat. No.	Qty.		
Blue Wemid		167663	100	164930	100*
Brown Wemid				165036	100*
Green Wemid				165037	100*
				169782	100*
End plate / partition					
Type					
ZAP/TW ZPV1,5		Cat. No.	Qty.	ZAP/TW ZPV 1,5	
Wemid		167465	50	167465	50
Width / length / height (mm)		5,08/68/38		5,08 / 68 / 38	
Marker carriers					
BZT ZVL1,5 ZA				BZT ZVL 1,5 o.ZA	
BZT ZVL1,5 o.ZA				167662	100
				BZT ZVL 1,5 ZA	
				167661	100
Screwdriver					
				SD 0,6x3,5x100	902423 1
Marking tags					
for base element ZPV		ZGB15			
marker carriers BZT ZVL 1,5		ZGB30			
and for end plate ZAP/TW ZPV 1,5		ZS10/5			
		DEK 5			
		WS 8/5			
		WS 10/5			
		WS 12/5			

*) pre-assembled in 20-pole strips

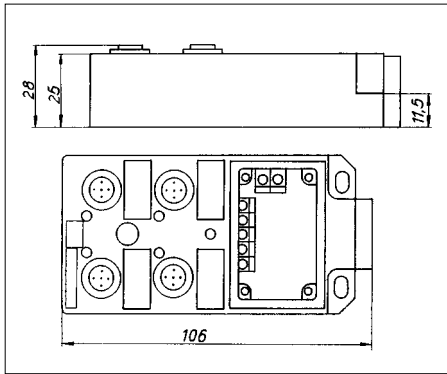
SAI distributor family



SAI-K

Screw connection
for bus line

Dimensions and catalogue numbers

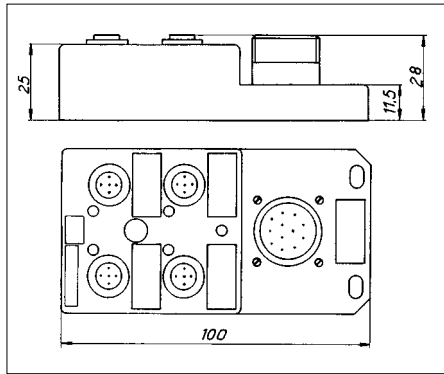


Type Cat. No.
SAI-4-K **945603**

SAI-S

12-pole plug connector
for bus line

Dimensions and catalogue numbers



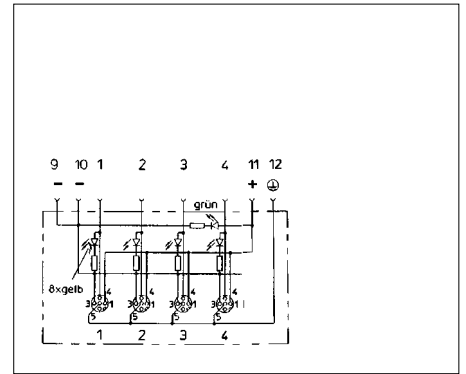
Type Cat. No.
SAI-4-S **945600**

SAI module family

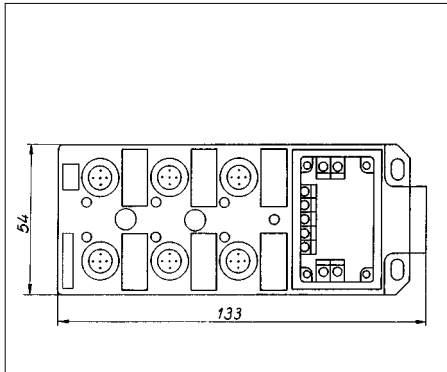
The SAI module joins sensor/actuator cables in the simplest and most rational method. The almost standardised circular connectors allow components to be installed by simply plugging them together. If an initiator fails, a replacement can therefore be easily installed due to easy access. This can be performed on-the-spot by production personnel.

The clearly visible, standard status displays are another advantage. The SAI module is also available with screw connections. Downtimes are thus reduced to a minimum and costs are kept low.

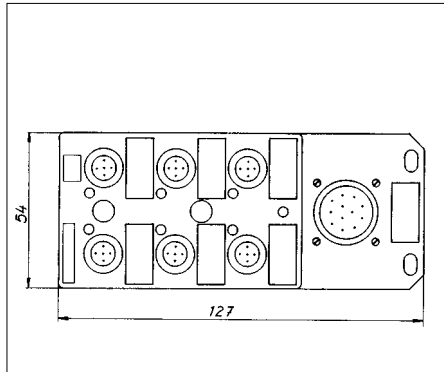
Pin layout



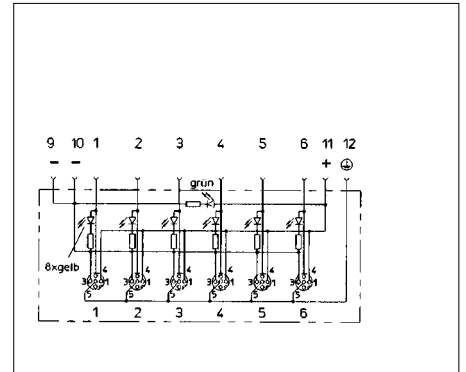
SAI-4...



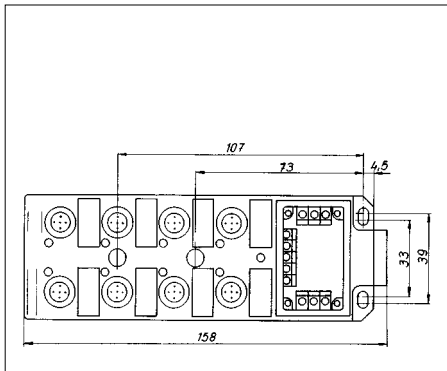
Type Cat. No.
SAI-6-K **945604**



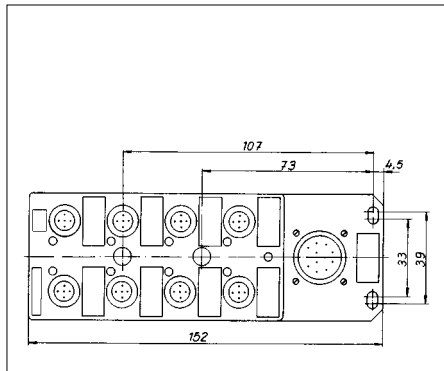
Type Cat. No.
SAI-6-S **945601**



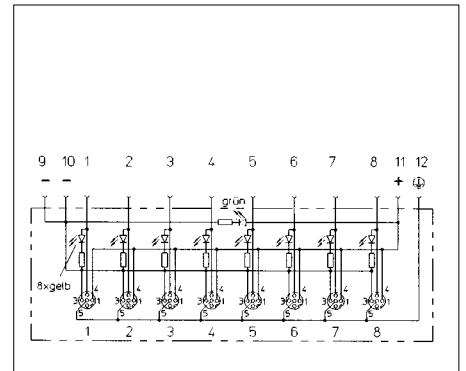
SAI-6...



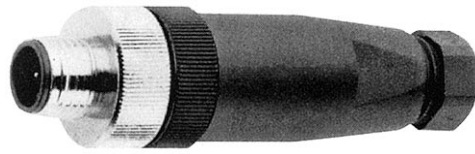
Type Cat. No.
SAI-8-K **945606**



Type Cat. No.
SAI-8-S **945602**



SAI-8...



Technical data	
Protection class	IP67 DIN 40050 (plugged and screwed)
Material	PBT not strengthened
Housing	V0 according to UL 94
Temperature range	- 20 to + 55 °C
Contact pins/sockets	CuZn, gal. NiAu
Plug cycles	50 times
Withdraw strength per contact	≥ 0.4 N
Nominal voltage	10 - 30 V DC
Nominal current	2 A / 8 A total
LEDs	Green = operation display Yellow = function display

Designation	Cat. No.	Qty.
SAIS-5/7 (straight)	945694	5
Connector (M 12) with screw connection, 5-pole		

Accessories :

Designation	Cat. No.	Qty.
Protection cap : SAI - SK	945605	30
Marker : ESG 9/20 MC blank	160994	200

Designation	Cat. No.	Qty.
SAISW-5/7 (angled)	945695	5
Connector (M 12) with screw connection, 5-pole		

Standard connection cables for sensors

Connector shape: M 12 to M 12 /
Straight connector
Cable type : PUR in lengths of 0.6 m,
0.9 m, 1.2 m, 1.5 m, 2.0 m

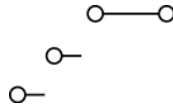
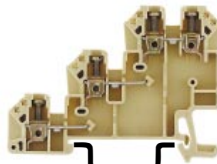
The cables are suitable for normally-open relays or for normally-closed relays by jumpering PIN 2 and 4.

Designation	Cat.No.	Qty.
SAIL-M12G-M12G-2/4-0.6U	945696	10
SAIL-M12G-M12G-2/4-0.9U	945697	10
SAIL-M12G-M12G-2/4-1.2U	945698	10
SAIL-M12G-M12G-2/4-1.5U	945699	10
SAIL-M12G-M12G-2/4-2.0U	945700	10

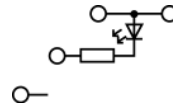
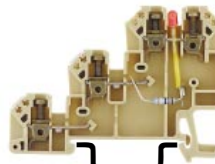
* Detailed data sheet for the new type SAI-M available on request.

Feed-through terminals for initiators and actuators

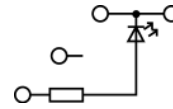
DLI 2.5



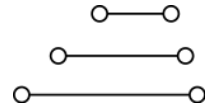
DLI 2.5 LD PNP



DLI 2.5 LD NPN



DLD 2.5



Dimensions

Width / length / height (mm) with TS 35 x 7,5
 Insulation stripping length/clamping screw/screwdriver blade

6/65/49
 7 mm/M 2,5/3,5 x 0,6

6/65/49
 7 mm/M 2,5/3,5 x 0,6

6/65/49
 7 mm/M 2,5/3,5 x 0,6

6/82/49
 7 mm/M 2,5/3,5 x 0,6

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section
 Rated impulse voltage / pollution severity

250 V/20 A/2,5 mm²
 4 kV/3

5-30 V-/20 A/2,5 mm²
 0,8 kV/3

5-30 V-/20 A/2,5 mm²
 0,8 kV/3

250 V/24 A/2,5 mm²
 4 kV/3

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

0,4...0,7
 1

0,4...0,7
 1

0,4...0,7
 1

0,4...0,7
 1

Clampable conductor

solid H07V-U mm²
 stranded H07V-R mm²
 flexible H07V-K mm²
 flexible H07V-K and AEH DIN 46 228/1 mm²
 Plug gauge according to 947-1 Size

0,5...4
 0,5...4
 0,5...2,5
 0,5...2,5
 A 3

0,5...4
 0,5...4
 0,5...2,5
 0,5...2,5
 A 3

0,5...4
 0,5...4
 0,5...2,5
 0,5...2,5
 A 3

0,5...4
 0,5...4
 0,5...2,5
 0,5...2,5
 A 3

Continuous current of terminal block for conductor size

20 A/2,5 mm²

20 A/2,5 mm²

20 A/2,5 mm²

(Q 2...10) 20

Continuous current rating of cross-connection 2...5-pole A

(Q 2...10) 20

(Q 2...10) 20

(Q 2...10) 20

(Q 2...10) 20

Continuous current rating of cross-connection 6...10-pole A

(Q 2...10) 20

(Q 2...10) 20

(Q 2...10) 20

(Q 2...10) 20

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

300 V/10 A/26...12 AWG
 300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG
 -

300 V/10 A/26...12 AWG
 -

300 V/10 A/26...12 AWG
 300 V/10 A/26...12 AWG

Ordering data

Standard
 With diode 1N4007
 With LED rot (5...30 V)
 With LED grün (5...30 V)
 With LED and Diode 1N4007
 With LED and Diode 1N4007
 Block of 10¹⁾
 Block of 10¹⁾
 Fuse inserts

Type	Cat. No.	Qty.
	131336	100
(w/o dekafix)	141136	10
(with dekafix)	157907	10

Type	Cat. No.	Qty.
	157851	100
	157852	100
(LED red)	157853	10
(LED green)	157854	10

Type	Best.-Nr.	Qty.
	157855	100
	157856	100

Type	Cat. No.	Qty.
	131706	50

End plate/partition



AP-DLI AP-DLD Teil-AP TSch 1
 (thickness 1.5 mm)

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

Type	Cat. No.	Qty.
AP	131766	20
AP (part-AP)	138186	20
TSch 1	031916	100

Test plug/socket

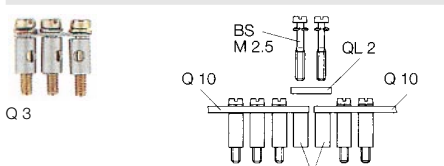


StB 8.5* (ø 2,3) **021570** 50
 PS 2.3 **018040** 20

StB 8.5* (ø 2,3) **021570** 50
 PS 2.3 **018040** 20

StB 8.5* (ø 2,3) **021570** 50
 PS 2.3 **018040** 20

Cross-connection



For cross-connections for more than 20 terminal blocks, replace VH with VH 3.8 (134580) without internal thread

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 3.8	134580	100

QL 2	029720	100
VH 3.8	134580	100

QL 2	029720	100
VH 3.8	134580	100

QL 2	029720	100
VH 3.8	134580	100

Group marking



WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

Cover



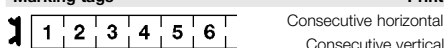
ADP	048540	-
HP 4	048586	20

ADP	048540	-
HP 4	048586	20

ADP	048540	-
HP 4	048586	20

ADP	048540	-
HP 4	048586	20

Marking tags



FW 6	046866	-
FS 6	046876	-

FW 6	046866	-
FS 6	046876	-

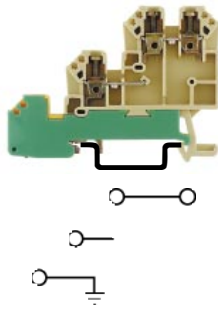
FW 6	046866	-
FS 6	046876	-

FW 6	046866	-
FS 6	046876	-

For further accessories see section 3, further marking material see section 8

¹⁾ DLI 2.5/35/10 = Block of 10 with built-in cross-connections * Only in upper busbar

DLA 2.5



6/65/49
7 mm/M 2,5/3,5 x 0,6

250 V**/17,5 A/2,5 mm²
4 kV/3
0,4...0,7
1
0,5...4
0,5...4
0,5...2,5
0,5...2,5
A 3
20 A/2,5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
156597 100
(w/o dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

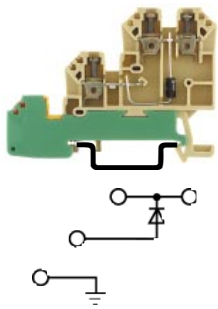
	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 6	046866	-
FS 6	046876	-

DLA 2.5/D



6/65/49
7 mm/M 2,5/3,5 x 0,6

250 V**/17,5 A/2,5 mm²
4 kV/3
0,4...0,7
1
0,5...4
0,5...4
0,5...2,5
0,5...2,5
A 3
20 A/2,5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
157840 100
(w/o dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

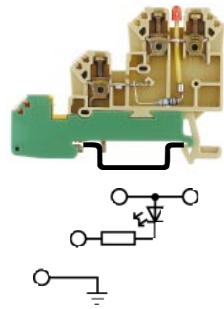
	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 6	046866	-
FS 6	046876	-

DLA 2.5/LD



6/65/49
7 mm/M 2,5/3,5 x 0,6

5-30 V/17,5 A/2,5 mm²
0,8 kV/3
0,4...0,7
1
0,5...4
0,5...4
0,5...2,5
0,5...2,5
A 3
20 A/2,5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
157843 100
157844 100
(LED red) **157847** 100
(LED green) **157848** 100
(LED red) **157849** 10
(LED green) **157850** 10

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

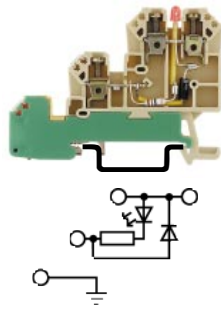
	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 6	046866	-
FS 6	046876	-

DLA 2.5/LD/D



6/65/49
7 mm/M 2,5/3,5 x 0,6

5-30 V/17,5 A/2,5 mm²
0,8 kV/3
0,4...0,7
1
0,5...4
0,5...4
0,5...2,5
0,5...2,5
A 3
20 A/2,5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
157847 100
157848 100
157849 10
157850 10

Type	Cat. No.	Qty.
AP	131326	20
TSch 1	031916	100

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

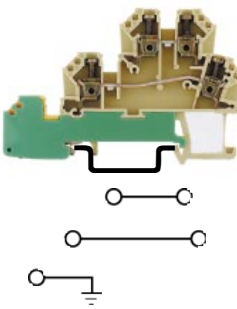
	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 6	046866	-
FS 6	046876	-

DLD 2.5/PE



6/74,5/49
7 mm/M 2,5/3,5 x 0,6

250 V**/17,5 A/2,5 mm²
4 kV/3
0,4...0,7
1
0,5...4
0,5...4
0,5...2,5
0,5...2,5
A 3
20 A/2,5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
Cat. No. Qty.
159595 100

Type	Cat. No.	Qty.
AP	159596	20
AP (part-AP)	159597	-
TSch 1	031916	100

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

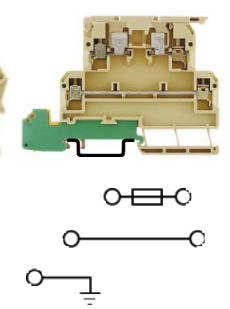
	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 6	046866	-
FS 6	046876	-

KDKS 1/PE



8/91/65
9 mm/M 3/M 2.5***/3,5 x 0,6

500 V/6,3 A/4 mm²
6 kV/3
0,5...1/0,4...0,7***
2/1***
0,5...4
0,5...4/2.5***
0,5...4/2.5***
A 4 / A 3***

300 V/10 A/26...12 AWG
Cat. No. Qty.
952811 50
cannot be combined with
DLI / DLA

Type	Cat. No.	Qty.
AP	950333	50

STB 8.5* (ø 2,3) **021570** 50
PS 2.3 **018040** 20

	Cat. No.	Qty.
Q 2	046110	50
Q 3	046120	50
Q 4	046130	50

	Cat. No.	Qty.
QL 2	029720	100
VH 3.8	134580	100

	Cat. No.	Qty.
WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000

	Cat. No.	Qty.
ADP	048540	-
HP 4	048586	20

	Cat. No.	Qty.
FW 8	127696	-
FS 8	128966	-

** If the cross-connection runs via the PE connection of the DLA, or if a pole is generally skipped, the nominal voltage is reduced to 30 Vac

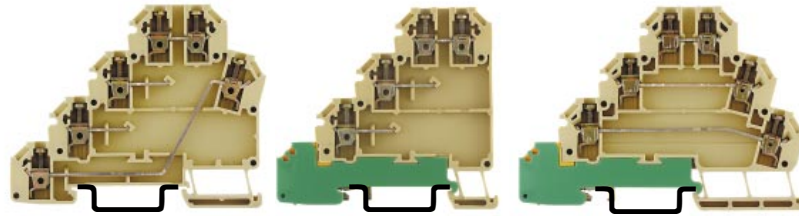
*** for PE connection

Feed-through terminals for initiators and motors

VLI 1.5

VLI 1.5PE

MAK 2.5



Dimensions

Width / length / height (mm)	with TS 35 x 7,5	6/79/64	6/69/63	6/88/64
Insulation stripping length/clamping screw/screwdriver blade		8 mm/M 2,5/3,5 x 0,6	8 mm/M 2,5/3,5 x 0,6	8 mm/M 2,5/3,5 x 0,6

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section		250 V/17,5 A/1,5 mm ²	250 V/17,5 A/1,5 mm ²	400 V (L-L)/250 V (L-PE) /24 A/2,5 mm ²
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Rated impulse voltage / pollution severity		4 kV/3	4 kV/3	6 kV/3
--	--	--------	--------	--------

Further technical data

Tightening torque range	Nm	0,4...0,7	0,4...0,7	0,4...0,7
Torque setting with DMS 2 electric screwdriver		1	1	1

Clampable conductor

solid H07V-U	mm ²	0,5...4,0	0,5...4,0	0,5...4,0
stranded H07V-R	mm ²	0,5...4,0	0,5...4,0	0,5...4,0
flexible H07V-K	mm ²	0,5...2,5	0,5...2,5	1,5...2,5
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...2,5	0,5...2,5	0,5...2,5
flexible H07V-K and AEH with plastic collar	mm ²	0,5...2,5	0,5...2,5	0,5...2,5
Plug gauge according to 947-1	Size	A3	A3	A3
Continuous current of terminal block for conductor size		24 A/2,5 mm ²	24 A/2,5 mm ²	24 A/2,5 mm ²

Continuous current rating of cross-connection, multipole	A	24	24	24
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UL / CSA rated data

Voltage / current / conductor size	UL	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG
Voltage / current / conductor size	CSA	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG

Ordering data

Version				
PA		Cat. No.	Qty.	
		163325	50	
		163331	50	
		161527	50	
		163165	50	

End plate / partition

End plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Partial end plate for VLI 1.5 – MAK 2.5 combination	AP VLI1.5	163326	20	AP VLI1.5/PE	163332	20	AP MAK2.5	161528	20
Partial end plate for VLI 1.5 – VLI 1.5 PE combination	TEAP 2 MAK2.5	163333	20	TEAP VLI1.5	163327	20	TEAP 2 MAK2.5	163333	20
Partial end plate for VLI 1.5 PE – MAK 2.5 combination	TEAP VLI1.5	163327	20	TEAP 1 MAK2.5	163334	20	TEAP 1 MAK2.5	163334	20

Cross-connection

VQB 50-pole, snap-fit, external cross-connection	VQB1.5/50BL	163328	5	VQB1.5/50BL	163328	5	VQB1.5/50BL*	163328	5
	VQB1.5/50RT	163329	5	VQB1.5/50RT	163329	5	VQB1.5/50RT*	163329	5
	VQB1.5/50SW	163512	5	VQB1.5/50SW	163512	5	VQB1.5/50SW*	163512	5
QB 25-pole, external cross-connection							QB 25 SW*	052000	20
							QB 25 RT*	052006	20
							QB 25 BL*	052008	20



Group marking

Tag carrier for S 10 tags	T 5	034850	100	T 5	034850	100	T 5	034850	100
	SF 10	033240	1000	SF 10	033240	1000	SF 10	033240	1000
	SG 10	033250	1000	SG 10	033250	1000	SG 10	033250	1000

Marking tags

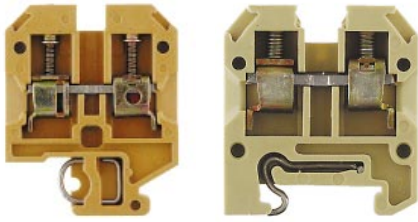
Print	Consecutive horizontal	FW 5	047346	–	FW 5	047346	–	FW 5	047346	–
		FS 5	047356	–	FS 5	047356	–	FS 5	047356	–

For further accessories see section 3, further marking material see section 8

* When using cross-connection bridges, the connection cross-section is reduced by one level

System advantages

SAK/AKZ series



Stripping length

The required stripping length for all Weidmüller products is specified in mm. These lengths must be observed so that the creepage and clearance paths are not reduced due to improper connection.

Mounting

Mounting is carried out on TS 32 mounting rails according to EN 50 035 or TS 15 according to EN 50 045.

End plate

The last terminal of a mounted terminal row must be closed with an end plate. The end plate is held in place by the end bracket.

Partition

Depending on the operating voltage, a partition must be placed between neighbouring cross-connection groups. This is necessary to maintain the necessary creepage and clearance paths.

Small partition

After assembly, small partitions can be inserted between cross-connections or sockets for terminal blocks with a max. width of 12 mm.

Cover plates

Several VDE regulations require that the supply connection terminals are labelled. For this purpose, Weidmüller provides a range of cover plates printed with a warning arrow and the international danger symbol. A warning arrow is printed on the reverse side with the words Danger Voltage. The cover plates are attached to the terminals blocks with plastic screws. The cover plates are designed to cover 3 or 4-pole terminal blocks.

Cross-connections

Cross-connection systems from the SAK and AKZ series, type Q, QL or VL or other freely accessible live components, must be protected with appropriate covers ADP 1 to 4 or TSK 31.5 as long as they are to be inserted safe from contact.

Frequently, several terminals blocks must be electrically interconnected in order to create supply pick-offs. Because the terminal point usually needs to remain free for the conductor connection, a cross-connection bridge is placed in the middle. For adjacent cross-connections with varying potentials, partitions, end plates or small partitions must be inserted to maintain the nominal voltage. Cross-connection bridges can normally carry half of the rated terminal block current.

Weidmüller distinguishes between the following cross-connection units:

- type Q pre-assembled cross-connections
- type QL permanent cross-connections
- type VL removeable cross-connection straps
- type QS removeable cross-connection plugs

Sockets

In place of cross-connections, sockets can be attached to accept test or short-circuit plugs.

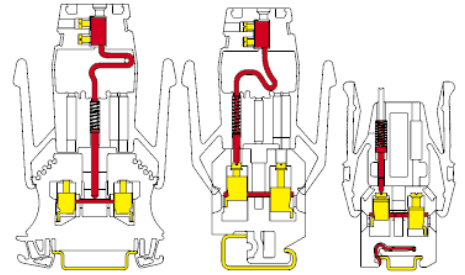
Test plugs

2.3 or 4 mm \varnothing test plugs are available for measurement and test operations .

Designation

Incoming and outgoing cables can be labelled using various marking systems, e.g. dekafix, snap-on tags, etc.

Test adapters



Safe testing of wired terminal blocks is a basic requirement for fault-free functional sequences. The WTA..., STA..., ATA... test adapter systems for individual terminal block ranges are not only characterised by their quick and easy handling, but also offer other advantages:

- conductor decoupling between the test probe and the test conductor prevents that the test probe is pulled out when the cable is pulled (except for WTA /5... and ATA)
 - spring-loaded test contacts ensure reliable connection and a low contact impedance
 - locating hooks on both sides ensure firm seating, even when cross-connections are fitted
 - the modular concept enables the construction of individual test units
 - single-pole test adapters can be interconnected; strain relief and clear marking options complement the systems
- Naturally, customary **sockets** can also be used whose test pick-off is performed by spring-loaded **test plugs**. This option applies even when cross-connections are fitted.

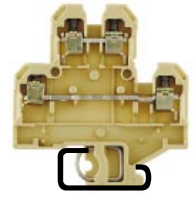
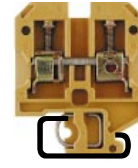
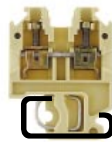
Feed-through terminals
(See page 3/14 for test adapter systems)

SAKD 2.5 N

SAK 2.5

SAK 4

DK 4 Q*



Dimensions

Width / length / height (mm)	with TS 32	5/32,5/43,5	6/36,5/46,5	6,5/40/51,5	6/54/60
Insulation stripping length/clamping screw/screwdriver blade		10/M 2,5/3,5 x 0,6	10/M 2,5/3,5 x 0,6	12/M 3/3,5 x 0,6	9/M 3/3,5 x 0,6

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	500 V/24 A/2,5 mm ²	800 V/24 A/2,5 mm ²	800 V/32 A/4 mm ²	500 V/2 x 32 A/4 mm ²
Rated impulse voltage / pollution severity	6 kV/3	8 kV/3	8 kV/3	6 kV/3

Further technical data

Tightening torque range	Nm	0,4...0,7	0,4...0,6	0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver		1	1	2	2

Clampable conductor

solid H07V-U	mm ²	0,5...4	0,5...6	0,5...6	0,5...4
stranded H07V-R	mm ²	0,5...4	0,5...2,5	0,5...4	1,5...4
flexible H07V-K	mm ²	0,5...4	0,5...4	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4	0,5...2,5/4 ⁴⁾	0,5...4	0,5...4
Plug gauge according to 947-1	Size	A 2	A 3	A 4	A 3
Continuous current of terminal block for conductor size		30 A/4 mm ²	32 A/4 mm ²	41 A/6 mm ²	32 A/4 mm ²
Continuous current rating of cross-connection 2...5-pole	A	20	24	32	20
Continuous current rating of cross-connection 6...10-pole	A	20			20

Technical data

Voltage / current / conductor size	UL	300 V/20 A/28...12 AWG	600 V/20 A/22...12 AWG	600 V/20 A/22...12 AWG	300 V/27 A/22...12 AWG
Voltage / current / conductor size	CSA	300 V/20 A/22...12 AWG	600 V/25 A/26...10 AWG	600 V/36 A/26...10 AWG	300 V/10 A/26...12 AWG

Ordering data

Version	Cat. No.	Qty.	Version	Cat. No.	Qty.	Version	Cat. No.	Qty.
KrG			KrG	027962	100	KrG	012832	100
Blue KrG			Blue KrG	027967	100	Blue KrG	012837	100
KrS			KrS	027963	100	KrS	012833	100
PA	021556	100	PA	026966 ¹⁾³⁾	100	PA	012836 ¹⁾²⁾	100
Blue PA	021558	100	Blue PA	026968 ¹⁾³⁾	100	Blue PA	027968 ¹⁾²⁾	100
Orange PA			Orange PA	026964 ¹⁾³⁾	100	Orange PA	132636 ¹⁾²⁾	100
Terminal block with Bez. PA	040106	10	Terminal block with Bez. PA	032256 ¹⁾	10	Terminal block with Bez. PA	032266 ¹⁾	10
Terminal block without Bez. PA	040116	10	Terminal block without Bez. PA	032286 ¹⁾	10	Terminal block without Bez. PA	030886 ¹⁾	10

End plate (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG			AP (1,5)	027952	20	AP (1,5)	011792	20				
Blue KrG			AP (1,5)	027957	20	AP (1,5)	011797	20				
KrS			AP (1,5)	027953	20	AP (1,5)	011793	20				
PA	AP (1,5)	015096	20	AP (1,5) 6	046056	20	AP (1,5)	011796	20	AP (1,5)	139716	20
Blue PA	AP (1,5)	019188	20	AP (1,5) 6	046058	20	AP (1,5)	011798	20	AP (1,5)	139718	20
PA				AP (1,5) 8	027956	20						
Blue PA				AP (1,5) 8	027958	20						

Partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG			TW (2,5)	030282	20	TW (2,5)	013012	20				
Blue KrG			TW (2,5)	030287	20	TW (2,5)	010317	20				
KrS			TW (2,5)	030283	-	TW (2,5)	013013	20				
PA	TW (1,5)	019186	20	TW (1,5)	030286	20	TW (1,5)	013016	20	WTW (Ex)	105880	20
Blue PA	TW (1,5)	019188	20	TW (1,5)	030288	20	TW (1,5)	013018	20			
HP	TW (1,5)	030750	20	TW (1,0)	029710	20	TW (1,0)	019710	20	TW (2,0)	060700	20

Small partition

TSch 3	036686	100	TSch 1	031916	100	TSch 1	031916	100	TSch 6	019026	100
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Cross-connection

2-pole	Q 2	036780	50	Q 2	033700	50	Q 2	033670	50	Q 2	033640	50
3-pole	Q 3	036790	50	Q 3	033710	50	Q 3	033680	50	Q 3	033650	50
4-pole	Q 4	036800	50	Q 4	033720	50	Q 4	033690	50	Q 4	033660	50
10-pole	Q 10	036810	20	Q 10	036870	20	Q 10	036880	20	Q 10	036860	20
2-pole										QB 2	048270 **	100
3-pole										QB 3	048280 **	50
4-pole										QB 4	048290 **	50

Switchable cross-connection link

VL 2	019700	100	VL 2	044670	50
BS	029250	100	BS	034310	100
VH	028510	50	VH	105650	100

Marking tags

Consecutive horizontal	FW 5	047346	-	FW 6	046866	-	FW 6.5	046816	-	FW 6	046866	-
Consecutive vertical	FS 5	047356	-	FS 6	046876	-	FS 6.5	046826	-	FW 6	046876	-

For further accessories see section 3, further marking material see section 8

* Accepts LS 2.8 shield lugs Cat. No. 105640

** Max. 2.5 mm² conductor connection when using QB

¹⁾ Contact-proof with ADP 4 cover profile (see page 3/23) ³⁾ Suitable for SST 3 safety pin

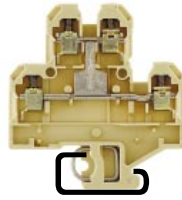
²⁾ Not suitable for SST 3 safety pin

⁴⁾ Cat. No. **027966** und **027968**

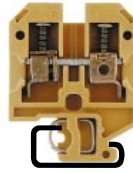
Feed-through terminals

(See page 3/14 for test adapter systems)

DK 4 QV*



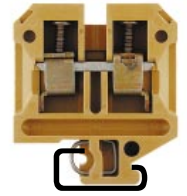
SAK 6 N



SAK 10



SAK 16



Dimensions

Width / length / height (mm) with TS 32 
 Insulation stripping length/clamping screw/screwdriver blade

6/54/60	8/40/51,5	10/40/51,5	12/50/57,5
9 mm/M 3/3,5 x 0,6	12 mm/M 3,5/4,0 x 0,8	12 mm/M 4/5,5 x 1,0	15 mm/M 4/5,5 x 1,0

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	500 V/32 A/4 mm ²	800 V/41 A/6 mm ²	800 V/57 A/10 mm ²	1000 V/76 A/16 mm ²
Rated impulse voltage / pollution severity	6 kV/3	8 kV/3	8 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	0,5...1,0	0,8...1,6	2,0	2,0...2,4
Torque setting with DMS 2 electric screwdriver		2	3	4	4

Clampable conductor

solid H07V-U	mm ²	0,5...4	0,5...10	1,5...10	2,5...10
stranded H07V-R	mm ²	1,5...4	0,5...6	2,5...16	4...16
flexible H07V-K	mm ²	0,5...4	0,5...10	1,5...16	4...16
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4	0,5...6	1,5...10	4...16
Plug gauge according to 947-1	Size	A 3	A 5	B 6	B 6
Continuous current of terminal block for conductor size		35 A/4 mm ²		76 A/16 mm ²	
Continuous current rating of cross-connection 2...5-pole	A	20	41	57	
Continuous current rating of cross-connection 6...10-pole	A	20			

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/27 A/22...12 AWG	600 V/40 A/22...8 AWG	600 V/60 A/14...6 AWG	600 V/80 A/12...4 AWG
Voltage / current / conductor size	CSA	300 V/10 A/26...12 AWG	600 V/47 A/20...8 AWG	600 V/65 A/14...6 AWG	600 V/87 A/10...4 AWG

Ordering data

Version	Cat. No.	Qty.	Version	Cat. No.	Qty.
KrG	019322	100		011002²⁾	100
Blue KrG				011007	100
KrS	019323	100		011003	100
PA	059026¹⁾	100		011006¹⁾	100
Blue PA	059028¹⁾	100		011008¹⁾	100
Orange PA					
Terminal block with Bez.	032276¹⁾	10		035326¹⁾	10
Terminal block without Bez.	030896¹⁾	10		035316¹⁾	10

End plate (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG			AP (1,5)	011792	20	AP (1,5)	011792	20	AP (3,0)	027112	20	
Blue KrG			AP (1,5)	011797	20	AP (1,5)	011797	20				
KrS			AP (1,5)	011793	20	AP (1,5)	011793	20	AP (3,0)	027113	20	
PA	AP (1,5)	139716	20	AP (1,5)	011796	20	AP (1,5)	011796	20	AP (1,5)	027116	20
Blue PA	AP (1,5)	139718	20	AP (1,5)	011798	20	AP (1,5)	011798	20	AP (1,5)	027118	20

Partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG			TW (1,5)	013012	20	TW (1,5)	013012	20	TW (3,0)	028112	20	
Blue KrG						TW (1,5)	013017	20				
KrS			TW (1,5)	013013	20	TW (1,5)	013013	20	TW (3,0)	028113	20	
PA	WTW (Ex)	105880	20	TW (1,5)	013016	20	TW (1,5)	013016	20	TW (1,5)	030366	10
Blue PA				TW (1,5)	013018	20	TW (1,5)	013018	20	TW (1,5)	030368	10
	TW (2,0)	060700	20	TW (1,5)	019710	20	TW (1,5)	019710	20	TW (2,0)	060700	20
	TSch 6	019026	100	TSch 1	031916	100	TSch 1	031916	100	TSch 1	031916	100

Cross-connection

2-pole	Q 2	033640	50	Q 2	045670	50	Q 2	045710	50	Q 2	045750	50
3-pole	Q 3	033650	50	Q 3	045680	50	Q 3	045720	50	Q 3	045760	50
4-pole	Q 4	033660	50	Q 4	045690	50	Q 4	045730	50	Q 4	045770	50
10-pole	Q 10	036860	20	Q 10	045700	20	Q 10	045740	20	Q 10	045780	20
	QB 2	048270**	100									
	QB 3	048280**	50									
	QB 4	048290**	50									

Cover

AD 4	030340	50	AD 4	019660	50	AD 4	017860	50	AD 4	051820	50
BSK M 2.5 x 18	030330	100	BSK M 3 x 22	012890	100	BSK M 3 x 22	012890	100	BSK M 3 x 22	012890	100

Switchable cross-connection link

VL 2	044670	50	VL 2	019470	50	VL 2	013590	50	VL 2	013580	50
VH	105650	100	VH	028510	50	VH	028510	50	VH	028510	50
BS	034310	100	BS	029250	100	BS	029250	100	BS	029250	100

Marking tags

Print	Consecutive horizontal	Consecutive vertical				
	FW 6	046866	-	FW 8	127696	-
	FW 6	046876	-	FS 8	128966	-
				FW 5	047346	-
				FS 5	047356	-

For further accessories see section 3, further marking material see section 8

^{*)} Accepts LS 2.8 shield lugs Cat. No. 105640

^{**)} Max. 2.5 mm² conductor connection when using QB

¹⁾ Contact-proof with ADP 4 cover profile (see page 3/23)
²⁾ See page 2/715 for ceramic terminals

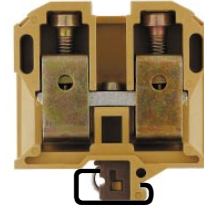
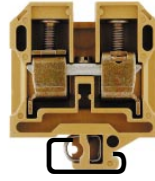
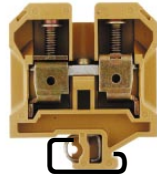
Feed-through terminals

SAK 35 N


SAK 35

SAK 70

SAK 95



Dimensions

Width / length / height (mm)	with TS 32 	16/58/67,5	18/58/67,5	22/75/79,5	28/83,5/100,5
Insulation stripping length/clamping screw/screwdriver blade		18 mm/M 6/6,5 x 1,2	20 mm/M 6/6,5 x 1,2	24 mm/M 8/S 6 D911	30 mm/M 10/S 8 D6911

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	1000 V/125 A/35 mm ²	800 V/125 A/35 mm ²	1000 V/192 A/70 mm ²	1000 V/232 A/95 mm ²
Rated impulse voltage / pollution severity	8 kV/3	8 kV/3	8 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	2,5...5,0/3,0...6,0***	2,5...5,0/3,0...6,0***	6,0...12,0	10,0...20,0
Torque setting with DMS 2 electric screwdriver					



Clampable conductor

solid H07V-U	mm ²	2,5...16	6...10	16	10...16
stranded H07V-R	mm ²	2,5...50	16...50	16...70	10...120
flexible H07V-K	mm ²	2,5...35	10...35	16...70	10...95
flexible H07V-K and AEH DIN 46 228/1	mm ²	2,5...35	10...35	16...35	10...35
Plug gauge according to 947-1	Size	B 8	B 9	B 11	B 12
Continuous current of terminal block for conductor size		138 A/35 mm ²	138 A/35 mm ²	213 A/70 mm ²	258 A/120 mm ²
Continuous current rating of cross-connection 2...5-pole	A	65	65	180	180
Continuous current rating of cross-connection 6...10-pole	A	65	65		


UL / CSA rated data

Voltage / current / conductor size	UL	600 V/100 A/12...2 AWG	600 V/100 A/6...2 AWG	600 V/145 A/4...2/0 AWG	600 V/190 A/6...3/0 AWG
Voltage / current / conductor size	CSA	600 V/120 A/12...2 AWG	600 V/145 A/6...2 AWG	600 V/150 A/4...2/0 AWG	600 V/260 A/6...3/0 AWG


Ordering data

Version	Cat. No.	Qty.	Version	Cat. No.	Qty.
					
KrG	055062	20	KrG	030352	20
Hexagon socket KrG	055572	20	Hexagon socket KrG	047652	20
Hexagon socket blue KrG			Hexagon socket blue KrG		
KrS	055063	20	KrS	030353	20
Hexagon socket KrS	055573	20	Hexagon socket KrS	030356	20
PA	055066	20	PA	030356	20
Hexagon socket PA	055576	20	Hexagon socket PA	047656	20
Blue PA			Blue PA	030358	20
Terminal block with marking			Terminal block with marking		
Terminal block without marking			Terminal block without marking		


End plate (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
 KrG	AP (3,0)	030362	10	AP (3,0)	030362	10	AP (4,0)	034092	10	AP (3,0)	055092	10
Blue KrG	AP (3,0)	030367	10	AP (3,0)	030367	10				AP (3,0)	055097	10
KrS	AP (3,0)	030363	10	AP (3,0)	030363	10	AP (4,0)	034093	10			
PA	AP (1,5)	030366	10	AP (1,5)	030366	10	AP (2,0)	034096	10			
Blue PA	AP (3,0)	030368	10	AP (3,0)	030368	10						
Orange PA												


Partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
 KrG	TW (3,0)	030432	10	TW (3,0)	030432	10
Blue KrG						
KrS	TW (3,0)	030433	10	TW (3,0)	030433	10
PA	TW (1,5)	030436	10	TW (1,5)	030436	10
Blue PA						


Cross-connection

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
 2-pole	QL 2	056490	50	QL 2	012360	20	QL 2	034530	20	QL 2	055120	10
3-pole	QL 3	056500	50	QL 3	012370	20	QL 3	016700	20			
4-pole	QL 4	056510	50	QL 4	012380	20						
10-pole	QL 10	056520	20	QL 10	033860	20						
VH 17	026700	50	VH 17	026700	50	VH 30.5	034550	20	VH 35	055110	10	
BS M 4x30	026710	50	BS M 4x30	026710	50	BS M 5x45	034560	20	BS M 5x50	063020	20	
SS M 4	013640	100	SS M 4	013640	100	SS M 5	034610	100				

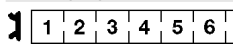
Switchable cross-connection link

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 VL 2			VL 2	012400	50
BS			VH 24,5	029870	50
VH			BS M 4x35	029890	50

Cover / Test plug

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 AD 4	057670	50	AD 4	017870	20	AD 4	034430	-	ADP 4	048540	-
BSK M 4x32	012910	50	BSK M 4x32	012910	50	BSK M 5x45	034440	50			
PS 4	029960	20	PS 4	029960	20	PS 4	029960	20	PS 4	029960	20

Marking tags

Print	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 Consecutive horizontal	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-
Consecutive vertical	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-

For further accessories see section 3, further marking material see section 8

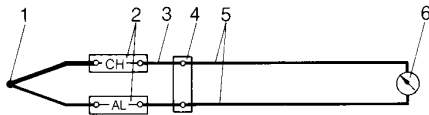
*** For hexagon socket

Feed-through terminals for thermocouples

Busbars made from thermocouple material according to DIN IEC 584

Weidmüller **thermocouple terminals** are specially designed for transmitting the smallest voltages in temperature measuring circuits. Special busbars ensure that no false signals occur in the terminal when temperature differences exist in the positive and negative path. This high measuring precision is necessary for, e.g. test beds aircraft engines, for complicated chemical processes, control, etc.

I. Configuration of a temperature measuring circuit



- | | |
|--------------------------|-----------------------------------|
| 1 Thermocouple (sensor) | 4 Reference point |
| 2 Thermocouple terminals | 5 Supply conductors (to and from) |
| 3 Compensating conductor | 6 Measuring device |

The thermocouple terminals displayed in this measurement circuit are used to thermoelectrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device via the thermocouple.

Thermocouple terminals are required for the construction of temperature measuring circuits; SAK 2.5 NiCr for the positive and SAK 2.5 Ni for the negative voltage branches.

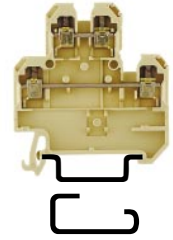
II. Symbols Thermocouples according to IEC 584 DIN 43710

Terminal designation	Busbar material trade name
a) (Type J)	
Fe (positive leg)	Iron
CuNi (negative leg)	Constantan
b) (Type T)	
Cu (positive leg)	Copper
CuNi (negative leg)	Constantan
c) (Type K)	
NiCr (positive leg)	Chromel
Ni (negative leg)	Alumel
d) (Type E)	
NiCr (positive leg)	Chromel
CuNi (negative leg)	Constantan

SAK 2.5 TC



DK 4 TC



Dimensions

Width / length / height (mm) with TS 32 Insulation stripping length/clamping screw/screwdriver blade

6/36,5/49,5

10 mm/M 2,5/3,5 x 0,6

6/54/59,5

9 mm/M 3/3,5 x 0,6

Technical data/VDE

Nominal voltage/nominal current nominal cross-section

-/-

2,5 mm²

-/-

4 mm²

Ordering data

Version	Type
NiCr	
Ni	
CuNi	
Fe	
Cu	
NiCr/Ni	K
Cu/CuNi	T
Fe/CuNi	J

Cat. No.	Qty.
010726	100
010716	100
018986	100
019006	100
018996	100

Cat. No.	Qty.
133826	100
133816	100
133806	100

End plate (thickness mm)



KrG
Blue KrG
KrS
PA
Blue PA
Orange PA

Type	Cat. No.	Qty.
AP (1,5)	027956	20

Type	Cat. No.	Qty.
AP (1,5)	063136	20

Partition (thickness mm)

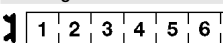


KrG
Blue KrG
KrS
PA
WEM
for TS 32 HP

Type	Cat. No.	Qty.
TW (1,5)	030286	20

Type	Cat. No.	Qty.
WTW (Ex)e	105880	20
TW HP (2,0)	060700	20

Marking material



Consecutive horizontal Consecutive vertical

FW 6	046866	-
FS 6	046876	-

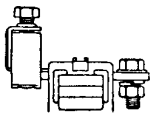
FW 6	046866	-
FS 6	046876	-

For further accessories see section 3, further marking material see section 8

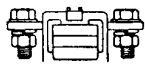
The Weidmüller SAKG range offers the following connection variants:

- clamping yoke connection, Version III. The stripped conductor can be connected without further preparation.
- flat lug, Version II. Two types of threading are provided here.
 - a) screw set with lock nut
 - b) with thread in busbar
- clamping yoke/flat lug as a combination, Version I.

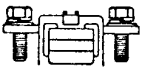
Versions



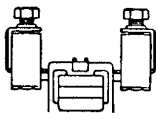
Version I



Version II
without thread



Version II
with thread

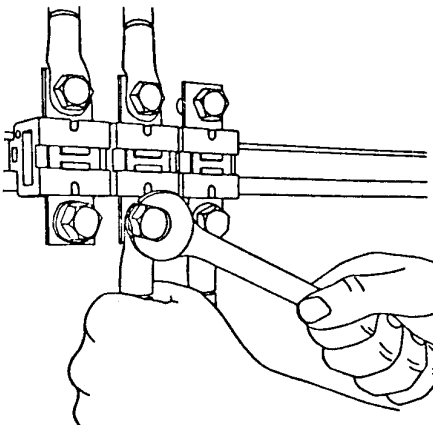


Version III

Cables with cable lugs are connected to SAKG terminals of Version I and to SS stud terminals.

Fitting instructions for SAKG terminals

When tightening the clamping screw, it is recommended that the conductor be held against the direction of tightening to prevent deformation of the mounting rail and so as not to place the terminal foot under undue torsional forces.



Cover

To ensure shock protection following connection of **conductors**, **AH** covers can be clipped onto the terminal.



Dimensions

Width / length / height (mm) with TS 32 Insulation stripping length/clamping screw/screwdriver blade

28/70/63,5	28/70/53
15 mm/M 6/-	-/M 6/-

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	1000 V*/125 A/35 mm ²	1000 V*/125 A/35 mm ²
Rated impulse voltage / pollution severity	8 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	3...6	3...6
Torque setting with DMS 2 electric screwdriver			

Clampable conductor

solid H07V-U	mm ²	6...35	
stranded H07V-R	mm ²	6...35	
flexible H07V-K	mm ²	10...35	
flexible H07V-K and AEH DIN 46 228/1	mm ²	6...35	
Plug gauge according to 947-1	Size	B 9	
Continuous current of terminal block for conductor size		135 A/50 mm ²	
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 110	(QL 2) 110
Continuous current rating of cross-connection 6...10-pole	A		

UL / CSA rated data

Voltage / current / conductor size	UL	600 V/95 A/2 AWG	600 V/115 A/2 AWG
Voltage / current / conductor size	CSA	600 V/110 A/6...1 AWG	600 V/110 A/6...1 AWG

Ordering data

Type		Cat. No.	Qty.	Type		Cat. No.	Qty.
		017002	10			017032	10

End plate, Hard paper (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
EP 1 (2)	020510	10	EP 1 (2)	020510	10
EP 1 (2)	020520	10	EP 1 (2)	020520	10

Partition, Hard paper (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TW 1 (2)	015140	10	TW 1 (2)	015140	10
TW 1	016460	10	TW 1	016460	10

Cross-connection

2-pole	QL 2	019390	5	QL 2	019390	5
3-pole	QL 3	040760	5	QL 3	040760	5
4-pole	QL 4	040770	5	QL 4	040770	5

Cover

AH 28	032666	5	AH 28	032666	5
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Marking tags

Print		
Consecutive horizontal	FW 5	047346 -
Consecutive vertical	FS 5	047356 -

For further accessories see section 3, further marking material see section 8

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary. See Page 1/9 for a table of clearance and creepage distances.

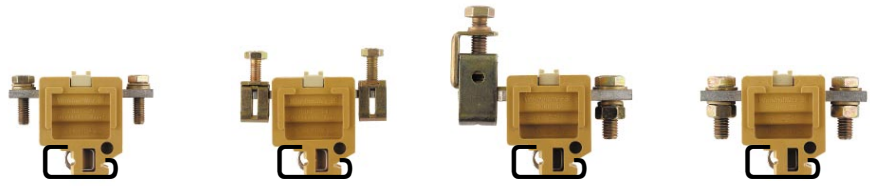
Feed-through terminals

SAKG 28 II G


SAKG 28 III

SAKG 32 I

SAKG 32 II



Dimensions

Width / length / height (mm)	with TS 32 	28/70/53	28/70/63,5	32/87/84	32/80/53
Insulation stripping length/clamping screw/screwdriver blade		-/M 6/-	15 mm/M 6/-	26 mm/M 8/-	-/M 8/-

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	1000 V*/125 A/35 mm ²	1000 V*/125 A/35 mm ²	1000 V*/150 A/50 mm ²	1000 V*/150 A/50 mm ²
Rated impulse voltage / pollution severity	8 kV/3	8 kV/3	8 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	3...6	3...6	6...12	6...12
Torque setting with DMS 2 electric screwdriver					





Clampable conductor

solid H07V-U	mm ²		6...35	10...70	
stranded H07V-R	mm ²		6...35	10...70	
flexible H07V-K	mm ²		10...35	10...70	
flexible H07V-K and AEH DIN 46 228/1	mm ²		6...35	10...35	
Plug gauge according to 947-1	Size		B 9	B 11	
Continuous current of terminal block for conductor size				170 A/70 mm ²	168 A/70 mm ²
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 110		(QL 2) 170	
Continuous current rating of cross-connection 6...10-pole	A				


UL / CSA rated data

Voltage / current / conductor size	UL	600 V/110 A/6...1 AWG	600 V/95 A/2 AWG	600 V/165 A/3 AWG	600 V/200 A/3 AWG
Voltage / current / conductor size	CSA	600 V/135 A/8...2 AWG	600 V/170 A/1...2/0 AWG	600 V/170 A/1...2/0 AWG	600 V/170 A/1...2/0 AWG


Ordering data

Version		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
KrG		018502	10		017082	10		028662	10		017042	10
Two clamping yokes KrG												


End plate, Hard paper (thickness mm)

	Tropic-proof	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		EP 1 (2)	020510	10	EP 1 (2)	020510	10	EP 1 (2)	020530	10	EP 1 (2)	020510	10
		EP 1 (2)	020520	10	EP 1 (2)	020520	10	EP 1 (2)	020540	10	EP 1 (2)	020520	10


Partition, Hard paper (thickness mm)

	Tropic-proof	TW 1 (2)	015140	10	TW 1 (2)	015140	10	TW 2 (2)	017710	10	TW 1 (2)	015140	10
		TW 1	016460	10	TW 1	016460	10	TW 2	017990	10	TW 1	016460	10

Cross-connection

	2-pole	QL 2	019390	5				QL 2	019400	5	QL 2	019400	5
	3-pole	QL 3	040760	5				QL 3	044150	5	QL 3	044150	5
	4-pole	QL 4	040770	5				QL 4	044160	5	QL 4	044160	5

Cover

	AH 28	032666	5	AH 28	032666	5	AH 32	032676	5	AH 32	032676	5
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Marking tags

	Print	Consecutive horizontal	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-
		Consecutive vertical	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-

For further accessories see section 3, further marking material see section 8

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary. See Page 1/19 for a table of clearance and creepage distances.

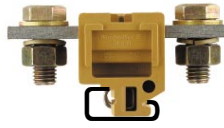
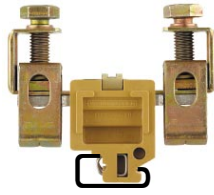
Feed-through terminals

SAKG 40 III


SAKG 46 II

SAKG 46 II G

SAKG 54 II



Dimensions

Width / length / height (mm)	with TS 32 	40/100/84	46/106/55	46/106/57,5	54/122/57
Insulation stripping length/clamping screw/screwdriver blade		27 mm/M 10/-	-/M 12/-	-/M 12/-	-/M 16/-

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	1000 V*/232 A/95 mm ²	1000 V*/309 A/150 mm ²	1000 V*/309 A/150 mm ²	1000 V*/415 A/240 mm ²
Rated impulse voltage / pollution severity	8 kV/3	8 kV/3	8 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	10...20	14...31	14...31	25...60
Torque setting with DMS 2 electric screwdriver					




Clampable conductor

solid H07V-U	mm ²	10...95			
stranded H07V-R	mm ²	10...95			
flexible H07V-K	mm ²	10...95			
flexible H07V-K and AEH DIN 46 228/1	mm ²	10...35			
Plug gauge according to 947-1	Size	B 12			
Continuous current of terminal block for conductor size		265 A/95 mm ²	415 A/150 mm ²	415 A/150 mm ²	600 A/240 mm ²
Continuous current rating of cross-connection 2...5-pole	A			(QL 2) 415	(QL 2) 600
Continuous current rating of cross-connection 6...10-pole	A				


UL / CSA rated data

Voltage / current / conductor size	UL	600 V/195 A/4/0 AWG	600 V/285 A/4/0 AWG	600 V/285 A/4/0 AWG	600 V/380 A/500 MCM
Voltage / current / conductor size	CSA	600 V/230 A/2/0...4/0 AWG	600 V/365 A/300 MCM	600 V/365 A/300 MCM	600 V/600 A/300...500 MCM


Ordering data

Version		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
KrG		028692	10		017062	10		018532	10
Two clamping yokes KrG								017072	10


End plate, Hard paper (thickness mm)

	Tropic-proof	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		EP 2 (2)	020530	10	EP 2 (2)	020530	10	EP 2 (2)	020530	10	EP 2 (2)	020530	10
		EP 2 (2)	020540	10	EP 2 (2)	020540	10	EP 2 (2)	020540	10	EP 2 (2)	020540	10

Partition, Hard paper (thickness mm)

	Tropic-proof	TW 2 (2)	017710	10	TW 2 (2)	017710	10	TW 2 (2)	017710	10	TW 2 (2)	017710	10
		TW 2 (2)	017990	10	TW 2 (2)	017990	10	TW 2 (2)	017990	10	TW 2 (2)	017990	10

Cross-connection

	2-pole	QL 2	024700	5	QL 2	024700	5	QL 2	026440	5
	3-pole	QL 3	044440	5	QL 3	044440	5	QL 3	040800	5
	4-pole	QL 4	044450	5	QL 4	044450	5	QL 4	024740	5

Cover

	AH 40	032686	5	AH 46	032696	5	AH 46	032696	5
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Marking tags

	Print	Consecutive horizontal	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-	FW 5	047346	-
		Consecutive vertical	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-	FS 5	047356	-

For further accessories see section 3, further marking material see section 8

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary. See Page 1/19 for a table of clearance and creepage distances.

SAKG 54 II G

SAKG 46/I AL



54/122/60			46/112/74						
-/M 16/-			23 mm/M 12/M 14/-						
1000 V*/415 A/240 mm ²			1000 V*/309 A/150 mm ²						
8 kV/3			8 kV/3						
25...60			14...31/25...40						
			50...240						
			35...185						
600 A/240 mm ²									
(QL 2) 600									
600 V/380 A/500 MCM			-						
600 V/600 A/300...500 MCM			-						
	Cat. No.	Qty.		Cat. No.	Qty.				
	018542	10		128792**	5				
				128802***	5				
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.				
EP 2 (2)	020530	10	EP 2 (2)	020530	10				
EP 2 (2)	020540	10	EP 2 (2)	020540	10				
TW 2 (2)	017710	10	TW 2 (2)	017710	10				
TW 2 (2)	017990	10	TW 2 (2)	017990	10				
QL 2	026440	5	QL 2	019400	5				
QL 3	040800	5	QL 3	044150	5				
QL 4	024740	5	QL 4	044160	5				
			AH 46	032696	5				
FW 5	047346	-	FW 5	047346	-				
FS 5	047356	-	FS 5	047356	-				

** Suitable for connection of 1 aluminium conductor of max. 185 mm²
 *** Suitable for connection of 2 aluminium conductors of max. 185 mm²

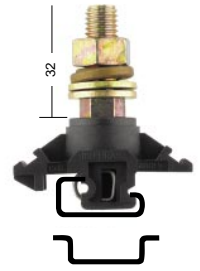
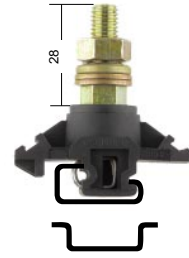
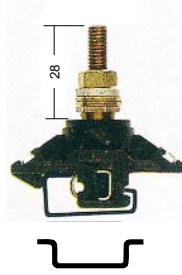
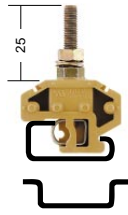
Stud terminals

SS 6

SS 8

SS 10

SS 12



Dimensions

Width / length / height (mm) with TS 32
 Width / length / height (mm) with TS 35 x 7,5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage / current / cross-section*
 Rated impulse voltage / pollution severity

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U mm²
 stranded H07V-R mm²
 flexible H07V-K mm²
 flexible H07V-K and AEH DIN 46 228/1 mm²
 Plug gauge according to 947-1 Size

Continuous current of terminal block for conductor size
 Continuous current rating of cross-connection 2...5-pole A
 Continuous current rating of cross-connection 6...10-pole A

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

Ordering data

Version Qty. Qty.
 KrG
 PA GF
 PA
 PPO
 KrG
 for TS 35 x 7.5 PA
 for TS 35 x 15/ 2.3 PA

18/40/62
 18/49,5/54,5

-/M 6/-

400 V¹/76 A/16 mm²
 6 kV/3

3...6

82 A/16 mm²

600 V/85 A/12...4 AWG
 600 V/65 A/6 AWG

Qty. Qty.
049822 10 **064982** 10

36/60/68
 36,5/60/68

-/M 8/-

1000 V¹/125 A/35 mm²

6...12

135 A/35 mm²

Qty. Qty.
049810 10 **133190** 10

36/60/68
 36,5/60/68

-/M 10/-

1000V¹/192 A/70 mm²

10...20

207A/70 mm²

Qty. Qty.
048490 10 **133200** 10

36/60/72
 36,5/60/72

-/M 12/-

1000 V¹/232 A/95 mm²

14...31

250 A/95 mm²

Qty. Qty.
049830 10 **133210** 10

End plate, Hard paper (thickness mm)

PA
 PPO



Type Cat. No. Qty.

PA
 PPO

Type Cat. No. Qty.

AP/TW (2) **133320** 10

Type Cat. No. Qty.

AP/TW (2) **133320** 10

Type Cat. No. Qty.

AP/TW (2) **133320** 10

Partition, Hard paper (thickness mm)

KrG
 PA
 PPO



TW HGW

TW

TW HGW (2) **060710** 20

PA
 PPO

TW (2) **045586** 10

TW (2) **133320** 10

TW (2) **045586** 10

TW (2) **133320** 10

TW (2) **045586** 10

TW (2) **133320** 10

Cross-connection

2-pole
 3-pole
 4-pole



QL 2 **028430** 5
 QL 3 **027300** 5
 QL 4 on request

QL 2 **134620** 5
 QL 3 **157885** 5

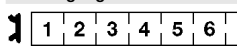
QL 2 **134620** 5
 QL 3 **157885** 5

QL 2 **134600** 5

Cover



Marking tags



Print
 Consecutive horizontal
 Consecutive vertical

FW 5 **047346** -
 FS 5 **047356** -

FW 5 **047346** -
 FS 5 **047356** -

FW 5 **047346** -
 FS 5 **047356** -

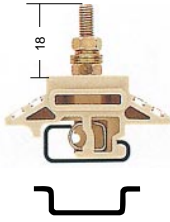
FW 5 **047346** -
 FS 5 **047356** -

For further accessories see section 3, further marking material see section 8

* Dependent on cable lug

) with partition

KST 5



24/60/59,5
24/62,5/54
-/M 5/-
1000 V ¹⁾ /57 A/10 mm ²
8 kV/3
2...4

65 A/10 mm²

600 V/50 A/12...6 AWG

Qty. Qty.

950337 25

950823 25

952830 25

Type Cat. No. Qty.

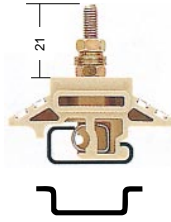
TW/KST (2) **950139** 10

QL 2 **950339** 1

FW 5 **047346** -

FS 5 **047356** -

KST 6



24/60/59,5
24/62,5/54
-/M 6/-
1000 V ¹⁾ /76 A/16 mm ²
8 kV/3
3...6

82 A/16 mm²

600 V/65 A/12...6 AWG

Qty. Qty.

950131 25

950694 25

952831 25

Type Cat. No. Qty.

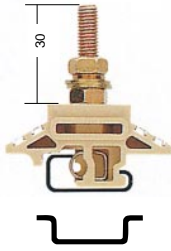
TW/KST (2) **950139** 10

QL 2 **950135** 5

FW 5 **047346** -

FS 5 **047356** -

KST 8



24/60/69,5
24/62,5/54
-/M 8/-
1000 V ¹⁾ /125 A/35 mm ²
8 kV/3
6...12

135 A/35 mm²

600 V/115 A/12...2 AWG

Qty. Qty.

950132 25

950695 25

952832 25

Type Cat. No. Qty.

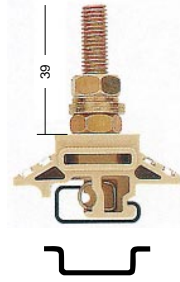
TW KST (2) **950139** 10

QL 2 **950136** 1

FW 5 **047346** -

FS 5 **047356** -

KST 10



34/60/79,5
34/62,5/74
-/M 10/-
1000 V ¹⁾ /192 A/70 mm ²
8 kV/3
10...20

207 A/70 mm²

600 V/175 A/12...2/0

Qty. Qty.

950133 20

950696 20

952833 20

Type Cat. No. Qty.

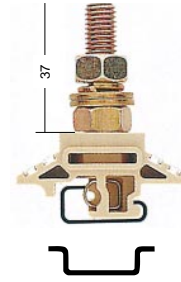
TW KST (2) **950139** 10

QL 2 **950137** 1

FW 5 **047346** -

FS 5 **047356** -

KST 12



34/60/79,5
34/62,5/74
-/M 12/-
1000 V ¹⁾ /232 A/95 mm ²
8 kV/3
14...31

250 A/95 mm²

600 V/200 A/12...3/0

Qty. Qty.

950134 20

950697 20

952834 20

Type Cat. No. Qty.

TW KST (2) **950139** 10

QL 2 **950138** 1

FW 5 **047346** -

FS 5 **047356** -

ST 5
without
solder
connection

STSL 5
with
solder
connection³⁾



16,3/52 ²⁾ /45,5
-/M 5/-
750 V/76 A/16 mm ²
8 kV/3
2...4

85 A/16 mm²

600 V/65 A/12...10 AWG

Qty. Qty.

ST 5 **STSL 5**

044836 1 **046286** 1

044834 1 **046284** 1

Type Cat. No. Qty.

AP (1,5) **044724** 1

TW (1,5) **047766** 1

TW (1,5) **047764** 1

QL 2 **383430** 1

044770 1

FW 6 **046866** -

FS 6 **046876** -

¹⁾ with partition

²⁾ Width with soldering tag 76.5 mm

³⁾ Soldering connection 2.5 mm² (illustrated)

EK 35



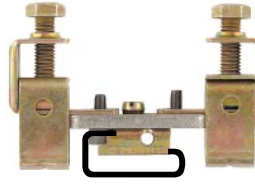
EK 2



SAKE 35



SAKE 70



18/58/67.5
20 mm/M 6/6,5 x 1,2

-/-/35 mm²

2,5...5,0/1,2...1,6*
-/3

6...16


16...50

10...35

10...35

10...2

B 9

 Cat. No. Qty.
035476 20

Type Cat. No. Qty.
SH 2 **049492** 10

10/52/38
14 mm/M 5/-

-/-/10

1,2...2,4/2,0...4,0*

1,5...10


1,5...10

1,5...10

1,5...10

16...8

B 6

 Cat. No. Qty.
032310 20

Type Cat. No. Qty.
SH 2 **049492** 10

14/46/39
16 mm/M 6/-

-/-/35 mm²

2,5...5,0/2,0...4,0*

6...35


6...35

6...16

10...35

8...2

B 8

 Cat. No. Qty.
014440 20

one clamping yoke

Type Cat. No. Qty.
SH 2 **049492** 10

18/94/59,5
25 mm/M 8/-

-/-/70 mm²

6,0...12/2,0...4,0*

10...70**


10...70

10...70

10...70

6...0

B 10

 Cat. No. Qty.
021320 20

Type Cat. No. Qty.
SH 2 **049492** 10

FW 5 **047346** -
FS 5 **047356** -

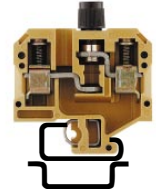
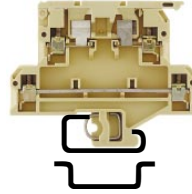
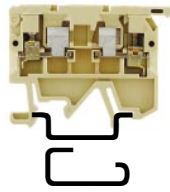
Fuse terminals

ASK 1

KDKS 1
KDKS 1/35

SAKS 1
SAKS 1/35

SAKS 1/G25
SAKS 1/35/G25



for fuse inserts

5 x 20 without indicator

5 x 20 without indicator

5 x 20 without indicator

5 x 20 with indicator

Dimensions

Width / length / height (mm) with TS 32

Width / length / height (mm) with TS 35 x 7,5

Insulation stripping length/clamping screw/screwdriver blade

Rated data / feed-through-terminal base

Rated voltage / current / cross-section

Rated impulse voltage VDE 0110/1.89/Pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U mm²

stranded H07V-R mm²

flexible H07V-K mm²

flexible H07V-K and AEH DIN 46 228/1 mm²

Plug gauge according to 947-1 Size

Continuous current rating of cross-connection 2...5-pole A

Continuous current rating of cross-connection 6...10-pole A

8/58/45.5

8/58/44

9 mm/M 3/3,5 x 0,6

500 V AC/6.3 A/4 mm²

6 kV/3

0,5...1,0

2

0,5...4

1,5...4

0,5...4

0,5...4

A 4

(QB 2...4) 10

8/73,5/59,8

8/73,5/55,7

9 mm/M 3/3,5 x 0,6

500 V~/6,3 A/4 mm²

6 kV/3

0,5...1,0

2

0,5...4

1,5...10

0,5...4

0,5...4

A 4

(QB 2...4) 10

13/54/61

13/54/54

12 mm/M 4/5,5 x 1,0

500 V~/10 A/10 mm²

6 kV/3

1,2...2,4

4

0,5...16

1,5...10

0,5...10

0,5...10

B 6

(QL 2...5) 47

(QL 6...10) 36

13/54/61

13/54/54

12 mm/M 4/5,5 x 1,0

500 V~/10 A/10 mm²

6 kV/3

1,2...2,4

4

0,5...16

1,5...10

0,5...10

0,5...10

B 6

(QL 2...5) 47

(QL 6...10) 36

UL / CSA rated data

Voltage / current / conductor size UL

Voltage / current / conductor size CSA

Ordering data

300 V/6.3 A/12 max. AWG

300 V/6.3 A/26...12 AWG

Version Best.-Nr Qty.

047456 100

300 V/15 A/12 max. AWG

Qty. Qty.

950330 50 950331 50

300 V/6 A/22...10 AWG

600 V/10 A/26...10 AWG

Qty. Qty.

Wemid-beige 050160 20

019122 20 050162 20

300 V/6 A/22...10 AWG

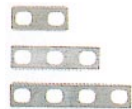
600 V/10 A/26...10 AW

Qty. Qty.

Wemid-beige 050150 20

019112 20 050152 20

Cross-connections



Fixing screw for Cross-connections

QL 2 019140

QL 3 019150

QL 4 019160

QL 10 033880

BS (M 3x6) 034620

End plate / partition (thickness mm)



Type Cat. No. Qty.

AP (1,5) 038036 20

Type Cat. No. Qty.

AP 1 KDKS 950333 25

for

TW (2,0) 060700 20

Type Cat. No. Qty.

AP (2,5) 019132 20

Wemid-beige 019130

for

TW (2,0) 060700 20

Type Cat. No. Qty.

AP (2,5) 019132 20

Wemid-beige 019130

for

TW (2,0) 060700 20

G fuse inserts 5 x 20 mm

to DIN 41660 IEC 127 BL 1 Rated current (A): 0.10 fast

Rated voltage 250 V~ 0.20 fast

Switching capacity 1500 A 0.25 fast

(at 250 V, 50 Hz, cos = 0.7) 0.50 fast

1.0 fast

1.6 fast

2.0 fast

2.5 fast

043040 10

043050 10

043060 10

043070 10

043080 10

043090 10

043100 10

043040 10

043050 10

043060 10

043070 10

043080 10

043090 10

043100 10

043040 10

043050 10

043060 10

043070 10

043080 10

043090 10

043100 10

0,25 (m) 054690 10

0,5 (m) 051030 10

0,8 (m) 064640 10

1 (m) 026580 10

10 (m) 019310 10

2 (f) 019270 10

4 (f) 019280 10

6,3 (f) 019290 10

Screw cap/disconnect lever (spare)

Red pull lever

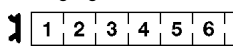
TH 037706 100

SIHA 159302 100

TH 037706 100

SIHA 159302 100

Marking tags



Consecutive horizontal

Consecutive vertical

FW 8 127696 -

FS 8 128966 -

FW 8 127696 -

FS 8 128966 -

More fuse cartridges see Page 2/93

SK (5 x 20) 028210 20

FW 5 047346 -

FS 5 047356 -

SK (5 x 25) 028200 20

FW 5 047346 -

FS 5 047356 -

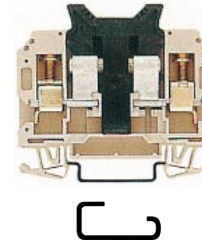
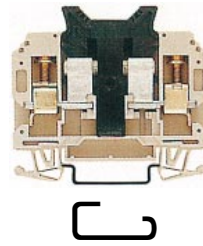
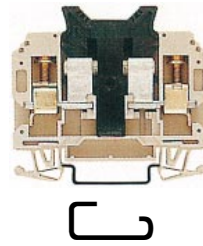
For further accessories see section 3, further marking material see section 8

Fuse terminals

KSKM 1

KSKM 2

KSKM 3



Dimensions

Width / length / height (mm) with TS 32 

Width / length / height (mm) with TS 35 x 7,5 

Insulation stripping length/clamping screw/screwdriver blade

Rated data / feed-through-terminal base

Rated voltage / current / cross-section

Rated impulse voltage VDE 0110/1.89/Pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U mm²

stranded H07V-R mm²

flexible H07V-K mm²

flexible H07V-K and AEH DIN 46 228/1 mm²

Plug gauge according to 947-1 Size

Continuous current rating of cross-connection 2...5-pole A

Continuous current rating of cross-connection 6...10-pole A

UL / CSA rated data



Voltage / current / conductor size UL



Voltage / current / conductor size CSA



Ordering data

Version

	KSKM 1	KSKM 2	KSKM 3	
Width / length / height (mm) with TS 32	13/69/62	13/69/62	13/69/62	
Width / length / height (mm) with TS 35 x 7,5	13/69/63	13/69/63	13/69/63	
Insulation stripping length/clamping screw/screwdriver blade	12 mm/-/-	12 mm/-/-	12 mm/-/-	
Rated voltage / current / cross-section	250 V~/6,3 A ¹⁾ /10 mm ²	250 V~/13 A ²⁾ /10 mm ²	440 V~/10 A/10 mm ²	
Rated impulse voltage VDE 0110/1.89/Pollution severity				
Tightening torque range Nm				
Torque setting with DMS 2 electric screwdriver				
Clampable conductor				
solid H07V-U mm ²	0,5...16	0,5...16	0,5...16	
stranded H07V-R mm ²				
flexible H07V-K mm ²	0,5...10	0,5...10	0,5...10	
flexible H07V-K and AEH DIN 46 228/1 mm ²				
Plug gauge according to 947-1 Size	B 6	B 6	B 6	
Continuous current rating of cross-connection 2...5-pole A				
Continuous current rating of cross-connection 6...10-pole A				
Voltage / current / conductor size UL	600 V/10 A/22...8 AWG	600 V/15 A/22...8 AWG	600 V/15 A/22...8 AWG	
Voltage / current / conductor size CSA				

Symbol	Qty.	Symbol	VP
	20		20
950957		950960	
Wemid		Wemid	

Symbol	Qty.	Symbol	Qty.
	20		20
950958		950961	
Wemid		Wemid	

Symbol	Qty.	Symbol	Qty.
	20		20
950959		950962	
Wemid		Wemid	

- 24 V~
- 24 V-
- 24 V=
- 48 V~
- 48 V-
- 48 V=
- 40-50 V~
- 40-50 V-
- 100 V~
- 100 V=
- 125 V~
- 220 V~
- 250 V~
- 250 V=

for fuse inserts

End plate / partition (thickness mm)



Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AP (3)	950963	20	AP (3)	950963	20	AP (3)	950963	20

G fuse inserts 5 x 20 mm

to DIN 41660 IEC 127 BL 1 Rated current (A):

Rated voltage 250 V~

fast Switching capacity 1500 A

(at 250 V, 50 Hz, cos = 0.7)

0,2 fast	043040	10
0,25 fast	043050	10
0,5 fast	043060	10
0,63 fast	043900	10
1,0 fast	043070	10
1,6 fast	043080	10
2,0 fast	043090	10
2,5 fast	043100	10
3,15 fast	043110	10
4,0 fast	043120	10
5,0 fast	043130	10
6,3 fast	043140	10

11/4 x 1/4"

E 2 A 029450 10

E 3 A 029570 10

E 5 A 029460 10

E 7 A 029580 10

E 10 A 029390 10

Contact sleeve

5 x 20 SBL 044610 40

1 x 1/4" SBL 044620 40

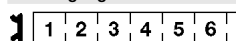
1 1/4 x 1/4" SBL 044630 40

Screw cap/disconnect lever (spare)

Red pull lever

Marking tags

Print



Consecutive horizontal

Consecutive vertical

FW 5 047346 -

FS 5 047356 -

FW 5 047346 -

FS 5 047356 -

FW 5 047346 -

FS 5 047356 -

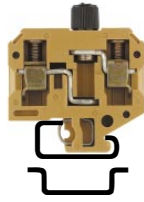
For further accessories see section 3, further marking material see section 8

¹⁾ Max. fuse rating i.a.w DIN 41660, IEC 127 CEE4 Type 1

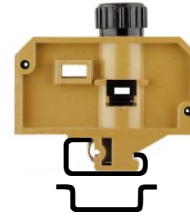
²⁾ Fuses according to BS 1362

Fuse terminals

SAKS 3 SAKS 3/35



SAKS 4 SAKS 4/35



SAKS 5 SAKS 5/35



Dimensions

Width / length / height (mm)	with TS 32
Width / length / height (mm)	with TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5,5 x 1

Rated data terminal base

Rated voltage / current / cross-section	500 V AC/10 A/10 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	1,2...2,4
Torque setting with DMS 2 electric screwdriver		4

Clampable conductor

solid H07V-U	mm ²	0,5...16
stranded H07V-R	mm ²	1,5...10
flexible H07V-K	mm ²	0,5...10
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...10
Plug gauge according to 947-1	Size	B 6
Continuous current rating of cross-connection 2...5-pole	A	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A	(QL 6...10) 36

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/10 A/22...10 AWG
Voltage / current / conductor size	CSA	600 V/10 A/22...10 AWG

Ordering data

Version		Qty.		Qty.
---------	--	------	--	------

13/54/61
13/54/55

24/75/73
24/75/66

28/80/80,5
28/80/66

12 mm/M 4/5,5 x 1

14 mm/M 4/5,5 x 1

13 mm/M 4/5,5 x 1

UL	300 V/10 A/22...10 AWG
CSA	600 V/10 A/22...10 AWG

600 V/30 A/22...8 AWG

600 V/63 A/14...6 AWG

024892³⁾ 20	066752³⁾ 20
029752⁴⁾ 20	032892⁴⁾ 20

032132 20	050182 20
------------------	------------------

035942 20	050212 20
------------------	------------------

Wemid colours

050180 20

050210 20

End plate/partition (thickness mm)

PA	Type	Cat. No.	Qty.
HP	AP (2.5)	019132	
	for		
	TW (2.0)	060700	

Cross-connections

QL 2	019140
QL 3	019150
QL 4	019160
QL 10	033880

QL 2	032800	20
QL 3	032810	20
QL 4	032820	20
QL 10	033900	20

QL 2	020780	20
QL 3	020790	20
QL 4	020800	20
QL 10	033890	20

Fixing screws
for Cross-connections

Fuse inserts

1 1/4" x 1/4"	Nominal current (A):	0.5 high-speed
according to DEF 63/size 0		1.0 high-speed
without indicator		2.0 high-speed
		3.0 high-speed
		5.0 high-speed
		7.0 high-speed
		10.0 high-speed

G fuse inserts 5 x 30 mm

(500 V~/0.032...6.3 A).	2.0 fast
Available from Wickmann-Werke GmbH,	4.0 fast
Annstr. 113, 5810 Witten 6, Tel. 02302/6620	5.0 fast
Brass insert	6.3 fast

D fuse inserts

Screw cap (spare)

SK (5 x 30)	028200
SK (1 1/4 x 1/4")	042890

Marking tags

	1	2	3	4	5	6	Print
	Consecutive horizontal						
	vertical Printed						
	FW 5	047346					
	FS 5	047356					

For further accessories see section 3, further marking material see section 8

* For TS 32 only
** Also for 440 V~ with Neozed marine fuse
*** Current for overload up to 10 A, for short-circuit up to 25 A

Neozed D 01		
Type	Cat. No.	Qty.
TW HP (2,0)	060700*	20

Neozed D 02		
Type	Cat. No.	Qty.
TW HP (2,0)	060700*	20

SS M 4 **013640** 100
BS M 4x9 **010330** 100

SS M 4 **013640** 100
BS M 4x9 **010330** 100

Gauge piece	Amp.	Colour
P 14/2	2	rosa
P 14/4	4	braun
P 14/6	6	grün
P 14/10	10	rot
	20	blue
	25	gelb
	35	schwarz
	50	weiß
	10	rot
	16	grey
	20	blue

Gauge piece	
P 18/20	036180 50
P 18/25	036190 50
P 18/35	036200 50
P 18/50	036210 50

Rated voltage 380 V		
E 14/2	013740	10
E 14/4	013750	10
E 14/6	032830	10
E 14/10	032840	10
E 14/16	032850	10

Rated voltage 380 V		
E 18/20	036130	10
E 18/25	036140	10
E 18/35	036150	10
E 18/50	036160	10
E 18/63	036170	10

SK	033941	20
----	---------------	----

SK	035931	20
----	---------------	----

FW 5	047346
FS 5	047356

FW 5	047346
FS 5	047356

³⁾ For fuse inserts 1 1/4 x 1/4" DEF 63
⁴⁾ For fuse inserts 5 x 30

SAKS 2
SAKS 2/35



28/80/81,5
28/80/75
12 mm/M 4/5,5 x 1
500 V~/10 (25) A ^{*)} /10 mm ²
6 kV/3
1,2...2,4
4
0,5...16
0,5...10
0,5...10
0,5...10
B 6
(QL 2...5) 47
(QL 6...10) 36

600 V/25 A/22...8 AWG
Qty. Qty.
020682 20 136872 20
136870 20
Diazed E 16
Type Cat. No. Qty.
TW HP (2,0) 060700* 20

QL 2 020780 20
QL 3 020790 20
QL 4 020800 20
QL 10 033890 20

SS M 4 013640 100
BS M 4x9 010330 100
Gauge piece

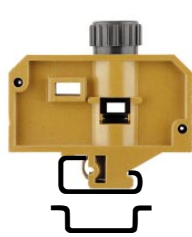
P 16/10 020890 100
P 16/16 020900 100
P 16/20 020910 100

Rated voltage 380 V
E 10 A 020850 25
E 16 A 020860 25
E 20 A 020870 25
E 25 A 020880 25

SK 028411 20
SK (with spring) 016173 20

FW 5 047346
FS 5 047356

SAKS 4 USA
SAKS 4 Frankr.



24/75/73
24/75/66
14 mm/M 4/5,5 x 1
400 V~/30 A/10 mm ²
6 kV/3
1,2...2,4
4
0,5...16
1,5...10
0,5...10
0,5...10
B 6
(QL 2...5) 47
(QL 6...10) 36

600 V/30 A/20...8 AWG
600 V/30 A/22...8 AWG
Qty. Qty.
032142¹⁾ 20 050202¹⁾ 20
016222²⁾ 20 017822²⁾ 20
10,3 x 38,1
Type Cat. No. Qty.
TW HP (2,0) 060700* 20

QL 2 032800 20
QL 3 032810 20
QL 4 032820 20
QL 10 033900 20

SS M 4 013640 100
BS M 4x9 010330 100

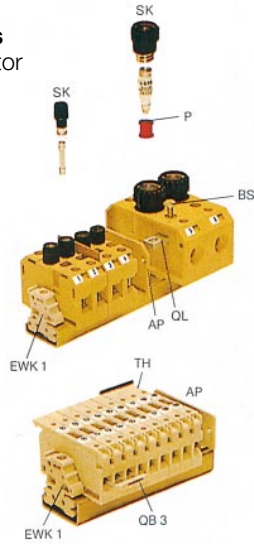
P 16/10 020890 100
P 16/16 020900 100
P 16/20 020910 100

Rated voltage 380 V
E 10 A 020850 25
E 16 A 020860 25
E 20 A 020870 25
E 25 A 020880 25

SK 034923 20
SK (with spring) 016173 20

FW 5 047346
FS 5 047356

Fuse terminals
with fault indicator



Dimensions

Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length	mm

Connection data
Screw connection, solid
Screw connection, flexible
Conductor cross-section

VDE rated data
Current
Voltage
LED current (24...60 V)
LED current (115...230 V)
LED current (24...230 V)
Incandescent lamp current
Neon lamp current
Cross-section

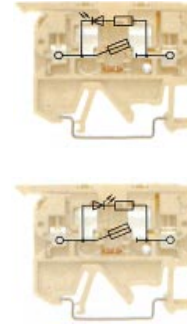
Ordering data
24 V~
24 V-
48 V~
60 V~
115 V~
230 V~
24 V-
48 V-
60 V-
115 V-
230 V-
12 V~/24 V-
20-30 V~/40-60 V-
40-60 V~/80-120 V-
115 V~/230 V-

Accessories

Mounting rail
End bracket (thickness mm) for TS 32
End plate (thickness mm) for TS 35
Cross-connection bridges
Type QB
Fixing screw (fits QL)
Disconnect lever (spare)

For further accessories see section 3, further marking material see section 8

ASK 1 LD
Fuse cartridge 5 x 20
only 805081



Warning:
In the event of a faulty fuse, the connection system is live.

8
9
0,5...4 mm ²
0,5...4 mm ²
AWG 22...12

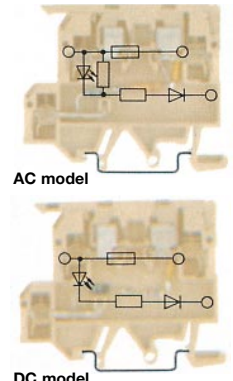
6,3 A
≤ 2 mA
≤ 2 mA

4 mm ²
Type Cat. No. Qty.
ASK 1 LD 805081 25
ASK 1 LD 022276 25
ASK 1 LD 022526 25
ASK 1 LD 022646 25
ASK 1 LD 022546 25
ASK 1 LD 022566 25

Mountable on
TS 32 und TS 35

TS 32 012280 -
TS 35x7,5 038340 -
TS 35x15 049800 -
EWK 1 020616 50
EW 35 038356 50
AP PA (1,5) 038036 20
QB 2 ¹⁾ 046110 100
QB 3 ¹⁾ 046120 50
QB 4 ¹⁾ 046130 50
TH (spare) 037706 100

KDKS 1
Fuse cartridge 5x20/5x25
only 805081



Warning:
In the event of a faulty fuse, the connection system is live.

8
9
0,5...4 mm ²
0,5...4 mm ²
AWG 22...12

6,3 A
24...230 V (depending on terminal)

≤ 2 mA
≤ 2 mA

4 mm ²
Type Cat. No. Qty.
KDKS 1 814645 25
KDKS 1 814895 25
KDKS 1 814896 25
KDKS 1 814894 25

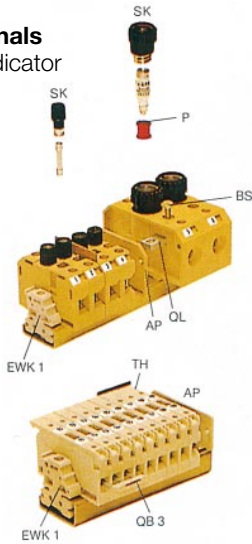
Mountable on
TS 32 und TS 35

TS 32 012280 -
TS 35x7,5 038340 -
TS 35x15 049800 -
EW 35 038356 50
AP KDKS 950334 20
QB 2 ¹⁾ 046110 50
QB 3 ¹⁾ 046120 50
QB 4 ¹⁾ 046130 50
QB 58 ¹⁾ 054540 -
QB 58 ¹⁾ 054530 -

¹⁾ French version
²⁾ USA version

¹⁾ When using QB, the rated cross-current reduces to max. 2.5 mm²

Fuse terminals with fault indicator



Dimensions

Terminal width (+ 0.2 assembly tolerance)	mm	13
Insulation stripping length	mm	12
Connection data		
Screw connection, solid		0,5...16 mm ²
Screw connection, flexible		0,5...10 mm ²
Conductor cross-section		AWG 20...8

VDE rated data

Voltage/Current		~/10 A
LED current (24...60 V)		≤ 5 mA
LED current (115...230 V)		-
Incandescent lamp current		≤ 50 mA
Neon lamp current		≤ 0,5 mA
Cross-section		10 mm ²

Ordering data

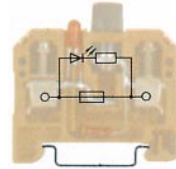
Fuse cartridge		Voltage	TS 32 Qty.	TS 35 Qty.	
5 x 20	LED	24 V~	037142	10 022582	
		24 V~	111122	10 111132	
		48 V~	012172	10 022602	
		48 V~	021392	10 021402	
	Incandescent lamp	24 V=	037172	10 017322	
		48 V=	037892	10 017312	
		Neon lamp	115 V=	038532	10
			230 V=	030612	10 019992
	5 x 25	LED	24 V~	040782	10 on request
			48 V~	038802	10 on request
		Incandescent lamp	24 V=	038812	10 on request
			48 V=	038522	10 -
Neon lamp		115 V=	030932	10 019862	
		230 V=			

Accessories

Mounting rail		Type	Cat. No.	Qty.
End bracket (thickness mm)	for TS 32	TS 32	012280	-
	for TS 35	TS 35x7,5	038340	-
End plate (thickness mm)		TS 35x15	049800	-
Cross connection brackets		EWK 1 (8,5)	020616	50
Type QL		EW 35 (8,5)	038356	50
Cross-connection bridges		AP KrG (3)	019132	20
Type QB				
Fixing screw (matches QL)				
Screw cap (spare)		SK (5 x 20)	028210	20
Incandescent lamp		SK (5 x 25)	028200	100

SAKS 1

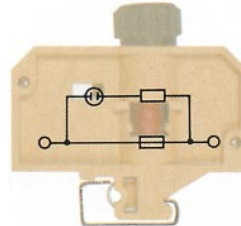
Fuse cartridge 5x20/5x25



Warning:
In the event of a faulty fuse, the connected circuit is live!

SAKS 4

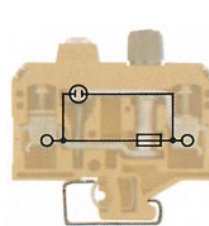
Fuse cartridge E14/D 01
(e.g. Neozed D 01)



Warning:
In the event of a faulty fuse, the connected circuit is live!

SAKS 6

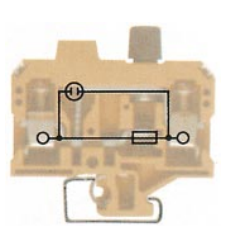
Fuse cartridge 11/4" x 1/4"
to DEF 63



Warning:
In the event of a faulty fuse, the connected circuit is live!

SAKS 7

Fuse cartridge 5x20/5x25



Warning:
In the event of a faulty fuse, the connected circuit is live!

Ordering data

Type	Cat. No.	Qty.
SAKS 4		
TS 32 neon lamp		
115 V=	010182	10
230 V=	010192	10
380 V=	010202	10
480 V=	010212	10

Ordering data

Type	Cat. No.	Qty.
SAKS 6 KrG		
053182	40	
for 1 1/4" x 1/4" to DEF 63		
exchangeable neon lamps (please order separately)		

Ordering data

Type	Cat. No.	Qty.
SAKS 7 KrG		
057612	40	
for 5 x 25		
SAKS 7 KrG		
057312	40	
for 5 x 20		
exchangeable neon lamps (please order separately)		

Accessories

Mounting rail		Type	Cat. No.	Qty.
End bracket (thickness mm)	for TS 32	TS 32	012280	-
End plate (thickness mm)		TS 35x7,5	038340	-
Cross connection brackets		TS 35x15	049800	-
Type QL		EWK 1 (8,5)	020616	50
Cross-connection bridges		EW 35 (8,5)	038356	50
Type QB		AP KrG (3)	019132	20
Fixing screw (matches QL)				
Screw cap (spare)				
Incandescent lamp				

Accessories

Mounting rail		Type	Cat. No.	Qty.
End bracket (thickness mm)	for TS 32	TS 32	012280	-
End plate (thickness mm)		TS 35x7,5	038340	-
Cross connection brackets		TS 35x15	049800	-
Type QL		EWK 1 (8,5)	020616	50
Cross-connection bridges		EW 35 (8,5)	038356	50
Type QB		AP KrG (3)	019132	20
Fixing screw (matches QL)				
Screw cap (spare)				
Incandescent lamp				

Accessories

Mounting rail		Type	Cat. No.	Qty.
End bracket (thickness mm)	for TS 32	TS 32	012280	-
End plate (thickness mm)		TS 35x7,5	038340	-
Cross connection brackets		TS 35x15	049800	-
Type QL		EWK 1 (8,5)	020616	50
Cross-connection bridges		EW 35 (8,5)	038356	50
Type QB		AP KrG (3)	019132	20
Fixing screw (matches QL)				
Screw cap (spare)				
Incandescent lamp				

Fuse cartridges and gauge rings for Weidmüller terminals

Fuse inserts

for terminal type

for terminal type	Size (mm)	Rated voltage (V-)	Rated current (A)	Cat. No.	Qty.	
G-fuse inserts 5 x 20 without indicator to DIN 41660, IEC 127 Part 1						
SAKS 1 SAKS 7 ASK 1 WSI 6	5 x 20 Breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	250	0,2 (F)	043040	10	
			0,25 (F)	043050	10	
			0,5 (F)	043060	10	
			0,63 (F)	043900	10	
			1,0 (F)	043070	10	
			1,6 (F)	043080	10	
			2,0 (F)	043090	10	
			2,5 (F)	043100	10	
			3,15 (F)	043110	10	
			4,0 (F)	043120	10	
			5,0 (F)	043130	10	
6,3 (F)	043140	10				
			(F) = fast			
G-fuse inserts 5 x 25 with indicator to DIN 41576¹⁾						
SAKS 1 SAKS 7 WSI 6	5 x 25 m. K. ¹⁾ Breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0,25 (M)	054690	10	
			0,5 (M)	051030	10	
			0,8 (M)	064640	10	
			1 (M)	026580	10	
			10 (M) ⁵⁾	019310	10	
			2 (F)	019270	10	
			4 (F)	019280	10	
			6,3 (F)	019290	10	
			(M) = Med. time lag, (F) = Fast			
Fuse inserts 1¼" x ½" to DEF 63/Size 0 without indicator						
SAKS 3 ²⁾ SAKS 6	33 kA short circuit rating fast speed	440	E 0,5 A	0,5	053380	10
			E 1 A	1	052550	10
			E 2 A	2	029450	10
			E 3 A	3	029570	10
			E 5 A	5	029460	10
			E 7 A	7	029580	10
			E 10 A	10	029390	10
D-fuse inserts E 16 with indicator to DIN 49360 (Diazed)						
SAKS 2	VOLLESC 10 A 4	500	E 10 A	10	020850	25
			E 16 A	16	020860	25
			E 20 A	20	020870	25
			E 25 A	25	020880	25
D-fuse inserts E 14 Size D 01 and E 18 Size D 02 with indicator to DIN 49522 (Neozed³⁾)						
SAKS 4 ⁴⁾	1/380 D	380	E 14/2	2	013740	10
			E 14/4	4	013750	10
			E 14/6	6	032830	10
			E 14/10	10	032840	10
			E 14/16	16	032850	10
SAKS 5	LINDNER LOESNSCHUTZ NEOZED 20 A 35-10-14	380	E 18/20	20	036130	10
			E 18/25	25	036140	10
			E 18/35	35	036150	10
			E 18/50	50	036160	10
			E 18/63	63	036170	10

- Note:**
- ¹⁾ The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.
 - ²⁾ 5 x 30 (500 V-) fuse inserts for SAKS 3 are available from the WICKMANN company.
 - ³⁾ The LINDNER company also supplies Neozed fuse cartridges in an additional shipbuilding model for 440 V AC.
 - ⁴⁾ Fuse cartridges with the dimensions 1"x¼" ≈ 25.4x6.35 mm and 13/32"x1½" ≈ 10.3x38.1 mm are not included in product line.
 - ⁵⁾ Only for SAKS 1 and SAKS 7.

Gauge rings

for terminal type
SAKS 4 und 4/35



SAKS 5 und 5/35



SAKS 2 und 2/35



Gauge ring type	Amp.	Colour	Cat. No.	Qty.
P 14/2	2	Pink	013800	50
P 14/4	4	Brown	013810	50
P 14/6	6	Green	032860	50
P 14/10	10	Red	032870	50
P 18/20	20	Blue	036180	50
P 18/25	25	Yellow	036190	50
P 18/35	35	Black	036200	50
P 18/50	50	White	036210	50
P 16/10	10	Red	020890	100
P 16/16	16	Grey	020900	100
P 16/20	20	Blue	020910	100

Pressure connectors

SV 2

SV 3

Test disconnect terminal blocks



Dimensions

Width / length / height (mm)

with TS 32

20/72/34,5

20/72/51,5

Technical data

Permissible pressure

Tube 6 x 1 mm
(internal 4 mm)
10 at = 9.81 bar

Tube 6 x 1 mm
(internal 4 mm)
10 at = 9.81 bar

Ordering data

Version
PA

Cat. No. Qty.
021746 20

Cat. No. Qty.
028056 20

Sealing cap



Type Cat. No. Qty.
KA **029236** 200

Type Cat. No. Qty.
KA **029236** 200

Elbow



Type Cat. No. Qty.
WK **029556** 50

Type Cat. No. Qty.
WK **029556** 50

Dimensions

Width / length / height (mm)

with TS 32

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage / current / cross-section
Rated impulse voltage VDE 0110/1.89/Pollution severity

Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U mm²
stranded H07V-R mm²
flexible H07V-K mm²
flexible H07V-K and AEH DIN 46 228/1 mm²
Plug gauge according to 947-1 Size

Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2...5-pole A
Continuous current rating of cross-connection 6...10-pole A

UL / CSA rated data

Voltage / current / conductor size UL
Voltage / current / conductor size CSA

Ordering data

Type
KrG
PA
Without diode PA
With diode PA
Blue PA
Orange PA
with 2 StB⁵ KrG
with 2 StB⁵ PA
with 2 StB⁵ Without diode PA
with 2 StB⁵ Blue

End plate (thickness mm)

KrG
PA
blue PA

Partition (thickness mm)



Cross-connection

2-pole
3-pole
4-pole
25-pole

QB 4

Screwdriver for StB

Size: 0,8 x 4



Diode plug (Spare)



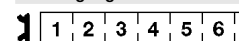
Test plug



Diodenstecker (Spare)

Without diode
With diode 1N4007
With diode 1N4007

Marking tags



Consecutive horizontal
vertical Printed

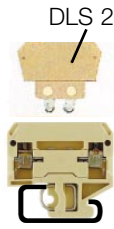
See section 3 for mounting rails and end brackets

See section 3 for mounting rails and end brackets

SAKR



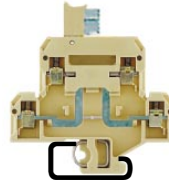
SAKR-D



DKT 4



DKT 4 V



ASK 1



SAKR	SAKR-D	DKT 4	DKT 4 V	ASK 1
6.5/42/40.5/54.5 (open) 8 mm/M 3/3,5 x 0,6	6,5/42/40,5/57 (with DLS 2) 8 mm/M 3/3,5 x 0,6	6/65/56,5/70 (open) 9 mm/M 3/3,5 x 0,6	6/65/56,5/70 (open) 9 mm/M 3/3,5 x 0,6	8/58/49 9 mm/M 3/3,5 x 0,6
400 V ⁶⁾ /10 A/4 mm ² 6 kV/3	400 V/10 A/4 mm ² 6 kV/3	400V/10 A/4 mm ² 6 kV/3	400 V/10 A/4 mm ² 6 kV/3	500 V/19 A/4 mm ² 6 kV/3
0,5...1,0/0,5 StB 2/1	0,5...1,0/0,5 StB 2/1	0,5...1,0/0,5 StB 2/1	0,5...1,0/0,5 StB 2/1	0,5...1,0 2
0,5...4 1,5...4 0,5...4 0,5...2,5 A 3	0,5...4 1,5...4 0,5...4 0,5...2,5 A 3	0,5...4 1,5...4 0,5...7 0,5...2,5 A 3	0,5...4 1,5...4 0,5...7 0,5...2,5 A 3	0,5...4 1,5...4 0,5...4 0,5...2,5 A 3
(QB 2...25) 10	(QB 2...25) 10	(QB 2...4) 10	(QB 2...4) 10	(QB 2...4) 10
300 V/10 A/26...12 AWG 300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG 300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG 300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG 300 V/10 A/26...12 AWG	300 V/15 A/12 max. AWG 300 V/6,3 A/26...12 AWG
Cat. No. Qty. 041212 100 041216 100	Cat. No. Qty. 041296¹⁾ 100 041306²⁾ 50 026366³⁾ 50	Cat. No. Qty. 068736 50	Cat. No. Qty. 130486 50	Cat. No. Qty. 045636 100
041218 100 146196 100 041222 100 041226 100	054646¹⁾ 100 041316²⁾ 50	032786 50	130486 50	010526 100
041228 100				
Type Cat. No. Qty. AP (1.5) 021132 20 AP (1.5) 021136 20 AP (1.5) 021138 20	Type Cat. No. Qty. AP (1,5) 021136 20	Type Cat. No. Qty. AP (1,5) 068756 20	Type Cat. No. Qty. AP (1,5) 068756 20	Type Cat. No. Qty. AP (1,5) 038036 20
TW HP (1,0) 029710 20	TW HP (1,0) 029710 20	TW HP (2,0) 060700 20	TW HP (2,0) 060700 20	TW HP (2,0) 060700 20
QB 2 ⁴⁾ 048270 100 QB 3 ⁴⁾ 048280 50 QB 4 ⁴⁾ 048290 50 QB 25 blank ⁴⁾ 013400 20	QB 2 ⁴⁾ 048270 100 QB 3 ⁴⁾ 048280 50 QB 4 ⁴⁾ 048290 50 QB 25 blank ⁴⁾ 013400 20	QB 2 ⁴⁾ 048270 100 QB 3 ⁴⁾ 048280 50 QB 4 ⁴⁾ 048290 50	QB 2 ⁴⁾ 048270 100 QB 3 ⁴⁾ 048280 50 QB 4 ⁴⁾ 048290 50	QB 2 ⁴⁾ 046110 100 QB 3 ⁴⁾ 046120 50 QB 4 ⁴⁾ 046130 50 3-pole ganging with SchS 2 marking tag carrier (Cat. No. 033740)
	SDIK 902494 -			Contact sleeve 055330 100
PS 2.3 018040 20	PS 2.3 018040 20	PS 2.3 018040 20	PS 2.3 018040 20	
	DLS 2 032106 50 DLS 2 +D+ 063016 50 DLS 2 -K+ 054776 50			
FW 6.5 046816 - FS 6.5 046826 -	FW 6.5 046816 - FS 6.5 046826 -	FW 6 046866 - FS 6 046876 -	FW 6 046866 - FS 6 046876 -	FW 5 047346 - FS 5 047356 -

1) Without DLS
2) With DLS empty
3) With DLS 1N4007

4) Rated cross-section is reduced to max. 2.5 mm² when QB is used

5) With DKT 4 only in upper terminal level
6) As disconnect terminal rated voltage 250 V

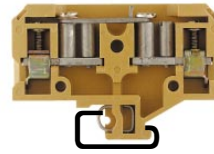
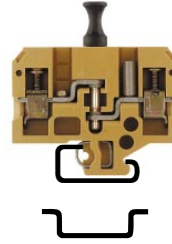
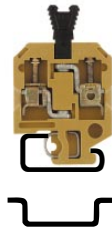
Disconnect terminals

SAKC 4 SAKC 4/35

SAKC 10 SAKC 10/35

SAKA 10

SAKB 10



Dimensions

Width / length / height (mm)	with TS 32
Width / length / height (mm)	with TS 35 x 7,5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage / current / cross-section	
Rated impulse voltage VDE 0110/1.89/Pollution severity	

Further technical data

Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

solid H07V-U	mm ²
stranded H07V-R	mm ²
flexible H07V-K	mm ²
flexible H07V-K and AEH DIN 46 228/1	mm ²
Plug gauge according to 947-1	Size

Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2...5-pole	A
Continuous current rating of cross-connection 6...10-pole	A

UL / CSA rated data

Voltage / current / conductor size	UL
Voltage / current / conductor size	CSA

Ordering data

Type	CrG	Qty.	
	KrS		
With 2 StB	KrG		
With 1 StB	KrG		
With 2 StB	KrS		

6,5/40/51,5/67
6,5/49,5/42,5/59,5
12 mm/M 3/3,5 x 0,6

400 V/25 A/4 mm ²
6 kV/3

0,5...1,0/0,5 StB
2/1

0,5...6
1,5...4
0,5...4
0,5...4
A 4

(QB 2...25) 10

300 V/-/22...12 AWG
300 V/25 A/22...10 AWG

Type	CrG	Qty.	
	KrS		
With 2 StB	KrG		
With 1 StB	KrG		
With 2 StB	KrS		

12/65/52,5/70,5
12/65/66
12 mm/M 4/5,5 x 1,0

500 V/27 A/10 mm ²
6 kV/3

1,2...2,4
4

0,5...16
1,5...16
0,5...10
0,5...10
B 6

(QL 2...5) 47
(QL 6...10) 36

300 V/25 A/22...8 AWG
600 V/25 A/20...10 AWG

Type	CrG	Qty.	
	KrS		
With 2 StB	KrG		
With 1 StB	KrG		
With 2 StB	KrS		

12/82/55,5
12 mm/M 4/5,5 x 1,0

500 V/47 A/10 mm ²
6 kV/3

1,2...2,4
4

0,5...16
1,5...16
0,5...10
0,5...10
B 6

(QL 2...5) 47
(QL 6...10) 36

600 V/-/18...8 AWG
600 V/35 A/18...8 AWG

Type	CrG	Qty.	
	KrS		
With 2 StB	KrG		
With 1 StB	KrG		
With 2 StB	KrS		

10/65/52,5
12 mm/M 4/5,5 x 1,0

500 V/63 A/10 mm ²
6 kV/3

1,2...2,4
4

0,5...16
1,5...16
0,5...10
0,5...10
B 6

(QL 2...5) 47
(QL 6...10) 36

600 V/-/18...8 AWG
600 V/45 A/18...8 AWG

Type	CrG	Qty.	
	KrS		
With 2 StB	KrG		
With 1 StB	KrG		
With 2 StB	KrS		

End plate (thickness mm)

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		

Partition (thickness mm)

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		
	HP		

Cross-connection

1-pole	QB 2 ¹⁾	048270	100
3-pole	QB 3 ¹⁾	048280	50
4-pole	QB 4 ¹⁾	048290	50
10-pole			
25-pole	QB 25 blank ¹⁾	013400	20

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		
	HP		

QL 2	013550	50
QL 3	013560	50
QL 4	013570	50
QL 10	033850	20
VH 14	029970	50
BS M 4x20	036280	100
SS M 4	013640	100

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		
	HP		

QL 2	013550	50
QL 3	013560	50
QL 4	013570	50
QL 10	033850	20
VH 23	034870	50
BS M 4 x 30	026710	50
SS M 4	013640	100
VL 2	013580	50

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		

Type	CrG	Cat. No.	Qty.
	KrS		
	PA		
	HP		

QL 2	011410	100
QL 3	011430	50
QL 4	011450	50
QL 10	033840	20
BS M 4 x 9	010330	100
SS M 4	013640	100
VL 2	013590	50

Dummy plug

BST 4 green	133905	500
BST 4 red	133906	500
BST 4 blue	133908	500

Test plug/Socket

PS 4	PS 2,3	018040	20
StB	StB 13,5	013520	50
Plug-test socket (without using QL)	StB 16	014020	50

Disconnecter plug (spare)

TST 4	138060	20
TST 10	046270	20

Extraction tool

ZI WE	062306	10
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Marking tags

Print	Consecutive horizontal	Printed
1 2 3 4 5 6	FS 6.5	046816
	FS 6.5	046826

Print	Consecutive horizontal	Printed
FW 6.5	FS 6.5	046816
	FS 6.5	046826

Print	Consecutive horizontal	Printed
FW 5	FS 5	047346
	FS 5	047356

Print	Consecutive horizontal	Printed
FW 5	FS 5	047346
	FS 5	047356

For further accessories see section 3, further marking material see section 8

* The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

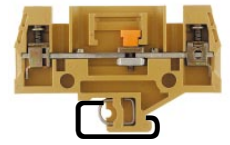
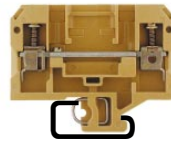
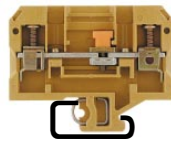
Test disconnect terminal blocks

SAKT 1/LT

SAKT 1/DU 1

SAKT 1/QT 1

SAKT 2/LT



Dimensions

Width / length / height (mm)	with TS 32	8/65/52,5	8/65/52,5	8/65/52,5	8/82/52,5
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 3,5/4,0 x 0,8	12 mm/M 3,5/4,0 x 0,8	12 mm/M 3,5/4,0 x 0,8	12 mm/M 3,5/4,0 x 0,8

Rated data

Rated voltage / current / cross-section		400 V/27 A/6 mm ²	400 V/27 A/6 mm ²	400 V/27 A/6 mm ²	400 V/27 A/6 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3

Further technical data

Tightening torque range	Nm	0,8...1,6	0,8...1,6	0,8...1,6	0,8...1,6
Torque setting with DMS 2 electric screwdriver		3	3	3	3

Clampable conductor

solid H07V-U	mm ²	0,5...10	0,5...10	0,5...10	0,5...10
stranded H07V-R	mm ²	1,5...10	1,5...10	1,5...10	1,5...10
flexible H07V-K	mm ²	0,5...6	0,5...6	0,5...6	0,5...6
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...8	0,5...8	0,5...6	0,5...6
Plug gauge according to 947-1	Size	A 5	A 5	A 5	A 5

Continuous current of terminal block for conductor size					
Continuous current rating of cross-connection 2...5-pole	A	(QL 2...5) 47	(QL 2...5) 47	(QL 2...5)	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A	(QL 6...10) 36	(QL 6...10) 36	(QL 6...10)	(QL 6...10) 36

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG
Voltage / current / conductor size	CSA	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG	300 V/25 A/26...8 AWG

Ordering data

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
Closed back wall KrG		026912	50		055042	50		049482	50		044542	50	
Open back wall KrG				019562	50			026932	50			043772	50
4 StB 14 KrG 60 V*													
1 StB 2 KrG													
1 StB 2.3 KrG													
2 StB 14 KrG		043792	50									033062	50
2 StB 2.3 KrG													
PA													
2 StB PA													

End plate/partition/small partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG	AP (3,0)	014672	20	AP (3,0)	014672	20	AP (3,0)	014672	20	AP (2,5)	032912	20
KrG	TW (3,0)	024292	20	TW (3,0)	024292	20	TW (3,0)	024292	20	TW (2,5)	035182	20
PA	AP (1,5)	014676	20	AP (1,5)	014676	20	AP (1,5)	014676	20			
PA	TW (1,5)	024296	20	TW (1,5)	024296	20	TW (1,5)	024296	20			
HP	TW (0,5)	047470	20	TW (0,5)	047470	20	TW (0,5)	047470	20			
TSch 2	TSch 2	035366	100	TSch 2	035366	100	TSch 2	035366	100	TSch 2	035366	100
										TSch 2 Orange	013246	100

Cross-connection

	QL 2	019430	50		019430	50		019430	50		019430	50
	QL 3	019440	50		019440	50		019440	50		019440	50
	QL 4	019450	50		019450	50		019450	50		019450	50
	QL 10	033830	20		033830	20		033830	20		033830	20
	VH 12	024900	100		024900	100		024900	100		024900	100
	VH 19	037710	100		037710	100		037710	100		037710	100
	QS 2	027096	20		027096	20		027096	20		027096	20
	QVSK 2	167036	20		167036	20		167036	20		167036	20
	QVS 3	032930	20		032930	20		032930	20		032930	20
	QVS 4	030740	20		030740	20		030740	20		030740	20
	VH 19	031800	50		031800	50		031800	50		031800	50
	BS 25 blank	033470	50		033470	50		033470	50		033470	50

Switchable cross-connection link

	QB 2	020570	50		020570	50		020570	50		020570	50
	QB 3	020580	50		020580	50		020580	50		020580	50
	QB 4	020590	50		020590	50		020590	50		020590	50
	QB 10	034380	20		034380	20		034380	20		034380	20

Disconnect link

	SSP 3	053176	100		053176	100		053176	100		053176	100
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Marking tags

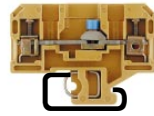
	Print						
	Consecutive horizontal	FW 6.5	046816	-	FW 6.5	046816	-
	Consecutive vertical	FS 6.5	046826	-	FS 6.5	046826	-

For further accessories see section 3, further marking material see section 8


Test disconnect terminal blocks

SAKT 4/LT

SAKT 4/DU



Dimensions

Width / length / height (mm)	with TS 32 	6/57,5/42,5	6/57,5/42,5		
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2,5/4,0 x 0,8	10 mm/M 2,5/4,0 x 0,8		

Rated data

Rated voltage / current / cross-section		400 V/27 A/4 mm ²	400 V/27 A/4 mm ²		
Rated impulse voltage VDE 0110/1.89/Pollution severity		6 kV/3	6 kV/3		

Further technical data

Tightening torque range	Nm	0,4...0,7	0,4...0,7		
Torque setting with DMS 2 electric screwdriver		1	1		



Clampable conductor

solid H07V-U	mm ²	0,5...6	0,5...6		
stranded H07V-R	mm ²	1,5...4	1,5...4		
flexible H07V-K	mm ²	0,5...4	0,5...4		
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4	0,5...4		
Plug gauge according to 947-1	Size	A 3	A 3		
Continuous current of terminal block for conductor size					
Continuous current rating of cross-connection 2...5-pole	A	(Q 2...10) 27	(Q 2...10) 27		
Continuous current rating of cross-connection 6...10-pole	A				

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/20 A/22...12 AWG	300 V/20 A/22...12 AWG		
Voltage / current / conductor size	CSA	300 V/-/26...10 AWG	300 V/-/26...10 AWG		











Ordering data

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Closed back wall KrG		025412	50		024632	50
Open back wall KrG						
4 StB 14 KrG 60 V*						
1 StB 2 KrG	StB left	025422	50			
1 StB 2.3 KrG	StB left	025432	50	StB left	024652	50
2 StB 14 KrG	StB ø 2,0	031032	50	StB ø 2,0	024662	50
2 StB 2.3 KrG		025442	50			
PA						
2 StB PA						



End plate / partition/Small partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG	AP (1,5)	024492	20	AP (1,5)	024492	20
KrG						
PA						
PA						
HP	TW (0,5)	047470	20	TW (0,5)	047470	20
	TSch 2	035366	100	TSch 2	035366	100

Cross-connection

	QL 2	015590	100	QL 2	015590	100
	QL 3	015600	100	QL 3	015600	100
	QL 4	015610	50	QL 4	015610	50
	VH 12	033810	20	QL 10	033810	20
	VH 19	026670	100	VH 8	026670	100
	VH 19	037720	100	BS M 3x15 Cu	037720	100
	BS 25 blank	131926	20	QVS 2	131926	20
	QS 2					
	VH 16	030970	50	VH 16	030970	50
	BS M 3 x 22	131990	50	BS M 3 x 22	131990	50

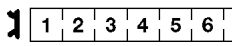
Switchable cross-connection link

Disconnect lock

SSP 4	131936	20	SSP 4	131936	20
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Marking tags

Print	Consecutive horizontal	Consecutive vertical			
	FW 6.5	046816	FW 6.5	046816	-
	FS 6.5	046826	FS 6.5	046826	-

For further accessories see section 3, further marking material see section 8

Feed-through terminals with tab connection

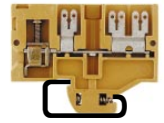
Disconnect terminals with tab connection

AST 1

AST 3

AST 4

AST 5



Dimensions

Width / length / height (mm) with TS 32 Insulation stripping length/clamping screw/screwdriver blade

6,5/58/53,5	6,5/40/47,5	6,5/40/47,5	6,5/58/53,5
		9 mm/M 2,5/3,5 x 0,6	12 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section
Rated impulse voltage VDE 0110/1.89/Pollution severity

500 V ¹ / - /2,5/1,0 mm ² 6 kV/3	500 V ¹ / - /2,5/1,0 mm ² 6 kV/3	500 V ¹ / - /2,5/1,0 mm ² 6 kV/3	500 V ¹ / - /2,5/1,0 mm ² 6 kV/3
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Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

		0,4...0,7 1	0,5...1,0 2
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Clampable conductor

solid H07V-U mm²
stranded H07V-R mm²
flexible H07V-K mm²
flexible H07V-K and AEH DIN 46 228/1 mm²
Plug gauge according to 947-1 Size

		0,5...4 1,5...2,5 0,5...2,5 0,5...2,5 A 3	0,5...6 1,5...2,5 0,5...4 0,5...4 A 4
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Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

(QL 2...10) 36	(QL 2...10) 36	(QL 2...10) 36	(QL 2...10) 36
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UL / CSA rated data

Voltage / current / conductor size UL
Voltage / current / conductor size CSA

300 V/13 A/- 300 V/16 A/-	300 V/13 A/- 300 V/16 A/-	300 V/13 A/22...12 AWG 300 V/16 A/24...12 AWG	300 V/13 A/22...12 AWG 300 V/16 A/24...12 AWG
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Ordering data

Version
Slotted KrG
Blue, slotted KrG
Slotted PA
Unslotted KrG
Blue, unslotted KrG
Unslotted PA
Block of 10, slotted with marking 1-9 PA

	Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	047822	50		044242	100		043912	100		047922	50
	047826²	50		023686²	100		023726	100		047926	50
	026632	50		029802	100		032122	100		033452	50
	026636²	50		023676²	100		023716	100		033456	50

End plate/partition/small partition (thickness mm)

KrG
Blue KrG
PA
PA
HP
HP
Only for PA

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AP (3,0)	026642	20	AP (3,0)	029812	20	AP (3,0)	029812	20	AP (3,0)	026642	20
PA	026646	20	PA	046056	20	PA	046056	20	PA	026646	20
PA			TW (1,5)	013016	20	TW (1,5)	013016	20	PA		
HP	047470	20	TW (1,0)	029710	20	TW (1,0)	029710	20	HP	047470	20
HP	060700	20	TSch 1	031916	100	TSch 1	031916	100	HP	060700	20
TSch 1	031916	100				TSch 1	031916	100	TSch 1	031916	100

Cross-connection

2-pole
3-pole
4-pole
10-pole
25-pole
QL
QB 4
BS M 3 x 4,5
BS M 3 x 24

Q 2	033670	50	Q 2	033670	50	Q 2	033670	50	Q 2	033670	50
Q 3	033680	50	Q 3	033680	50	Q 3	033680	50	Q 3	033680	50
Q 4	033690	50	Q 4	033690	50	Q 4	033690	50	Q 4	033690	50
Q 10	036880	20	Q 10	036880	20	Q 10	036880	20	Q 10	036880	20

Plug adapter

2-pole
3-pole
4-pole
5-pole
8-pole
clips into PA version of AST3 and AST4 only

STA 2.5/2	016586	100	STA 2.5/2	016586	100	STA 2.5/2	016586	100	STA 2.5/2	016586	100
STA 2.5/3	016596	50	STA 2.5/3	016596	50	STA 2.5/3	016596	50	STA 2.5/3	016596	50
STA 2.5/4	019036	50	STA 2.5/4	019036	50	STA 2.5/4	019036	50	STA 2.5/4	019036	50
STA 2.5/5	016606	50	STA 2.5/5	016606	50	STA 2.5/5	016606	50	STA 2.5/5	016606	50
STA 2.5/8	016616	50	STA 2.5/8	016616	50	STA 2.5/8	016616	50	STA 2.5/8	016616	50

Test plug/Socket

Plug-test socket without using QL for TS 32

StB 14	016860	50	StB 14	016860	50	StB 14	016860	50	StB 14	016860	50
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PS
StB

PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
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Insulation sleeve

IH 2.8
IH 6.3

IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100
IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100

Marking tags

Consecutive horizontal
Consecutive vertical

FW 6.5	046816	-	FW 6	046866	-	FW 6	046866	-	FW 6.5	046816	-
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For further accessories see section 3, further marking material see section 8

¹) with Insulation sleeve
²) Shock-proof with ADP4 cover profile (see page 3/23)

Feed-through terminals with tab connection

Disconnect terminals with tab connection

SAK 4 S

SAK 4 SS

SAKR F



Dimensions

Width / length / height (mm)	with TS 32	6,5/40/51,5	6,5/40/51,5	6,5/42/40,5/54,5 (open)
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 3/3,5 x 0,6		8 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section	500 V/16 A/2,5/1,0 mm ²	500 V/16 A/2,5/1,0 mm ²	250 V/10 A/4/1,0 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	6 kV/3	6 kV/3	6 kV/3

Further technical data

Tightening torque range	Nm	0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver		2	1

Clampable conductor

solid H07V-U	mm ²	0,33...6	0,5...4
stranded H07V-R	mm ²	1,5...4	1,5...4
flexible H07V-K	mm ²	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4	0,5...2,5
Plug gauge according to 947-1	Size	A 4	A 3

Continuous current of terminal block for conductor size			
Continuous current rating of cross-connection 2-pole	A	(QL 2...10) 36	(QL 2...10) 36
Continuous current rating of cross-connection multipole	A		(QB 2...25) 10

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/13 A/26...12 AWG	300 V/13 A/18...14 AWG	300 V/15 A/26...10 AWG
Voltage / current / conductor size	CSA	300 V/13 A/26...12 AWG	300 V/13 A/18...14 AWG	

Ordering data

Version	Cat. No.	Qty.	Version	Cat. No.	Qty.		
Slotted KrG		040122	100	Slotted KrG		047962	100
Blue, slotted KrG				Blue, slotted KrG		047967	100
Slotted PA		040126	100	Slotted PA		047966	100
Unslotted KrG		047952	100	Unslotted KrG		035292	100
Blue, unslotted KrG				Blue, unslotted KrG		035297	100
Unslotted PA				Unslotted PA			
Block of 10, slotted with marking 1-9 PA				Block of 10, slotted with marking 1-9 PA			

End plate/partition/small partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
KrG	AP (1,5)	011792	20	KrG	AP (1,5)	011792	20			
blue KrG	AP (1,5)	011796	20	blue KrG	AP (1,5)	011797	20			
PA	AP (1,5)	011796	20	PA	AP (1,5)	011796	20	PA (1,5)	021136	20
PA	AP (1,5)	013016	20	PA	AP (1,5)	013016	20			
HP	TW (1,0)	029710	20	HP	TW (1,0)	029710	20	TW (1,0)	029710	20
HP				HP						
Only for PA				Only for PA						

Cross-connection

2-pole	QL 2	013060	100	2-pole	QL 2	013060	100	QB 2*	048270	100
3-pole	QL 3	013070	100	3-pole	QL 3	013070	100	QB 3*	048280	50
4-pole	QL 4	013080	50	4-pole	QL 4	013080	50	QB 4*	048290	50
10-pole	QL 10	033820	20	10-pole	QL 10	033820	20			
25-pole				25-pole				QB 25 blank*	013400	20
	BS M 3x4,5	159321	100		BS M 3x4,5	159321	100			

Plug adapter

2-pole				2-pole				
3-pole				3-pole				
4-pole				4-pole				
5-pole				5-pole				
8-pole				8-pole				

clips into PA version of AST3 and AST4 only

Test plug/Socket

Plug-test socket without using QL for TS 32



Insulation sleeve

IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	200
IH 6.3	038626	100	IH 6.3	038626	100			

Marking tags

Print	FW 6.5	046816	-	Print	FW 6.5	046816	-	Print	FW 6.5	046816	-
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For further accessories see section 3, further marking material see section 8

¹⁾ With insulation sleeve

* The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

Feed-through terminals with tab connection

DK 4 S

DK 4 S 2,8 only



Dimensions

Width / length / height (mm) with TS 32 
 Insulation stripping length/clamping screw/screwdriver blade

6/54/59,5	6/54/59,5
9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section	400 V/2 x 10/4/1,0 mm ²	400 V/2 x 10/4/2,5/1,0 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	6 kV/3	6 kV/3

Further technical data

Tightening torque range	Nm	0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver		2	2



Clampable conductor

solid H07V-U	mm ²	0,5...4	0,5...4
stranded H07V-R	mm ²	1,5...4	1,5...4
flexible H07V-K	mm ²	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4	0,5...4
Plug gauge according to 947-1	Size	A 3	A 3

Continuous current of terminal block for conductor size			
Continuous current rating of cross-connection 2-pole	A	(QL 2...10) 20	(QL 2...10) 20
Continuous current rating of cross-connection multipole	A		

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG
Voltage / current / conductor size	CSA	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG

Ordering data	Version	Cat. No.	Qty.	Cat. No.	Qty.
	PA		063126		063116
			100		100

End plate (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AP (1,5)	063136	20	AP (1,5)	063136	20

Partition

TW HP (2,0)	060700	20	TW HP (2,0)	060700	20
-------------	---------------	----	-------------	---------------	----

Small partition

TSch 6	019026	100	TSch 6	019026	100
--------	---------------	-----	--------	---------------	-----

Cross-connection

2-pole	Q 2	033640	50	Q 2	033640	50
3-pole	Q 3	033650	50	Q 3	033650	50
4-pole	Q 4	033660	50	Q 4	033660	50
10-pole	Q 10	036860	20	Q 10	036860	20

Test plug/Socket

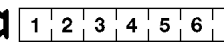
Plug-test socket without using QL	StB 8.5	021570	50	StB 8.5	021570	50
Plug-test socket for use with QL						

PS 2.3	018040	20	PS 2.3	018040	20
--------	---------------	----	--------	---------------	----

Insulation sleeve

IH 2.8	038606	100	IH 2.8	038606	100
IH 6.3	038626	100			

Marking tags

Print	Consecutive horizontal	Cat. No.	Consecutive vertical	Cat. No.
	FW 6	046866	FW 6	046866

For further accessories see section 3, further marking material see section 8

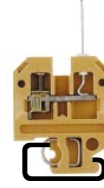
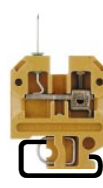
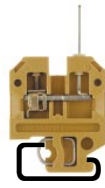
) with Insulation sleeve

**Feed-through terminals
for wrap termination DIN 41 611, Part 2
and
for spring clip termination DIN 41 611,
Part 4**

SAK 2.5 T
Pin 1 x 1

SAK 2.5 T
Pin 0,8 x 1,6

SAK 2.5 T
Pin 0,8 x 2,4



Dimensions

Width / length / height (mm) with TS 32 
Insulation stripping length/clamping screw/screwdriver blade

6/36,5/47,5/67
12 mm/M 2,5/3,5 x 0,6

6/36,5/47,5/62
12 mm/M 2,5/3,5 x 0,6

6/36,5/47,5/69
12 mm/M 2,5/3,5 x 0,6

Rated data

Rated voltage / current / cross-section
Rated impulse voltage VDE 0110/1.89/Pollution severity

250 V/8 A/2,5 mm²
4 kV/3

250 V/10 A/2,5 mm²
4 kV/3

250 V/10 A/2,5 mm²
4 kV/3

Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

0,4...0,7
1

0,4...0,7
1

0,4...0,7
1

Clampable conductor

solid H07V-U mm²
stranded H07V-R mm²
flexible H07V-K mm²
flexible H07V-K and AEH DIN 46 228/1 mm²
Plug gauge according to 947-1 Size
Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

0,5...6
0,5...2,5
0,5...4
0,5...2,5
A 3
(Q 2...10) 27

0,5...6
0,5...2,5
0,5...4
0,5...2,5
A 3
(Q 2...10) 27

0,5...6
0,5...2,5
0,5...4
0,5...2,5
A 3
(Q 2...10) 27

UL / CSA rated data








Voltage / current / conductor size UL
Voltage / current / conductor size CSA








300 V/10 A/22...12 AWG








300 V/10 A/22...12 AWG








300 V/10 A/22...12 AWG

Ordering information

Pin	Version	Cr	Cat. No.	Qty.
Right	KrG		010852	100
Horizontal left	KrG			
Horizontal right	KrG			
Vertical left	KrG			
Vertical right	KrG			
2x vertical	KrG			
right	PA		010856¹⁾	100

Cr	Cat. No.	Qty.
	010852	100
		
		
		
		
		
	010856¹⁾	100

Cr	Cat. No.	Qty.
	051842	100
	048592	100
	047882	100
	069362	100
		
		
		

Cr	Cat. No.	Qty.
	068702	100
	037102	100
		
		
		
	048502	100
		

End plate (thickness mm)

Type	Cr	Cat. No.	Qty.
KrG	AP (1,5)	027952	20
PA	AP (1,5)	027956	20

Type	Cr	Cat. No.	Qty.
KrG	AP (1,5)	027952	20
PA	AP (1,5)	027956	20

Type	Cr	Cat. No.	Qty.
KrG	AP (1,5)	027952	20
PA	AP (1,5)	027956	20

Type	Cr	Cat. No.	Qty.
KrG	AP (1,5)	027952	20
PA	AP (1,5)	027956	20

Partition (thickness mm)

Type	Cr	Cat. No.	Qty.
KrG	TW (2,5)	030282	20
PA	TW (1,5)	030286	20
HP	TW (0,5)	019710	20
HP	TW (2,0)	060700	20

Type	Cr	Cat. No.	Qty.
KrG	TW (2,5)	030282	20
PA	TW (1,5)	030286	20
HP	TW (0,5)	019710	20
HP	TW (2,0)	060700	20

Type	Cr	Cat. No.	Qty.
KrG	TW (2,5)	030282	20
PA	TW (1,5)	030286	20
HP	TW (0,5)	019710	20
HP	TW (2,0)	060700	20

Type	Cr	Cat. No.	Qty.
KrG	TW (2,5)	030282	20
PA	TW (1,5)	030286	20
HP	TW (0,5)	019710	20
HP	TW (2,0)	060700	20

Small partition

Type	Cr	Cat. No.	Qty.
KrG	TSch 1	031916	100

Type	Cr	Cat. No.	Qty.
KrG	TSch 1	031916	100

Type	Cr	Cat. No.	Qty.
KrG	TSch 1	031916	100

Type	Cr	Cat. No.	Qty.
KrG	TSch 1	031916	100

Cross-connection

Type	Cr	Cat. No.	Qty.
2-pole	Q 2	033700	50
3-pole	Q 3	033710	50
4-pole	Q 4	033720	50
10-pole	Q 10	036870	20

Type	Cr	Cat. No.	Qty.
2-pole	Q 2	033700	50
3-pole	Q 3	033710	50
4-pole	Q 4	033720	50
10-pole	Q 10	036870	20

Type	Cr	Cat. No.	Qty.
2-pole	Q 2	033700	50
3-pole	Q 3	033710	50
4-pole	Q 4	033720	50
10-pole	Q 10	036870	20

Type	Cr	Cat. No.	Qty.
2-pole	Q 2**	033700	50
3-pole	Q 3**	033710	50
4-pole	Q 4**	033720	50
10-pole	Q 10**	036870	20

Test plug/Socket

Type	Cr	Cat. No.	Qty.
PS	PS 2.3	018040	20
StB	StB 8.5 (ø 2,3)	028060	50

Type	Cr	Cat. No.	Qty.
PS	PS 2.3	018040	20
StB	StB 8.5 (ø 2,3)	028060	50

Type	Cr	Cat. No.	Qty.
PS	PS 2.3	018040	20
StB	StB 8.5 (ø 2,3)	028060	50

Type	Cr	Cat. No.	Qty.
PS	PS 2.3	018040	20
StB	StB 8.5 (ø 2,3)	028060	50

Marking tags

Type	Cr	Cat. No.	Qty.
Print	FW 6	046866	-

Type	Cr	Cat. No.	Qty.
Print	FW 6	046866	-

Type	Cr	Cat. No.	Qty.
Print	FW 6	046866	-

Type	Cr	Cat. No.	Qty.
Print	FW 6	046866	-

For further accessories see section 3, further marking material see section 8

²⁾ Shock-proof with ADP4 cover profile (see page 3/23)

** not for type 2x vertical

Feed-through terminals

Disconnect terminals for wrap connection DIN 41 611, Part 2 and for spring clip connection DIN 41 611, Part 4

DK 4 T

DK 4 T

DK 4 T

SAKRT



Dimensions

Width / length / height (mm) with TS 32
 Insulation stripping length/clamping screw/screwdriver blade

6/50/58,5/75,5
9 mm/M 3/3,5 x 0,6

6/50/60,5/77,5
9 mm/M 3/3,5 x 0,6

6/50/67,5/84,5
9 mm/M 3/3,5 x 0,6

6/42/40,5/54,5
8 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section
 Rated impulse voltage VDE 0110/1.89/Pollution severity

250 V/8 A/4 mm²
4 kV/3

250 V/10 A/4 mm²
4 kV/3

250 V/10 A/4 mm²
4 kV/3

250 V/6/8 A/4 mm²
4 kV/3

Further technical data

Tightening torque range Nm
 Torque setting with DMS 2 electric screwdriver

0,5...1,0
1

0,5...1,0
1

0,5...1,0
1

0,5...1,0
2

Clampable conductor

solid H07V-U mm²
 stranded H07V-R mm²
 flexible H07V-K mm²
 flexible H07V-K and AEH DIN 46 228/1 mm²
 Plug gauge according to 947-1 Size

0,5...4
1,5...4
0,5...4
0,5...4
A3

0,5...4
1,5...4
0,5...4
0,5...4
A3

0,5...4
1,5...4
0,5...4
0,5...4
A3

0,5...6
1,5...4
0,5...4
0,5...4
A3

Continuous current of terminal block for conductor size
 Continuous current rating of cross-connection 2-pole A
 Continuous current rating of cross-connection multipole A

(Q 2...10) 20
(Q 2...10) 20

(Q 2...10) 20
(Q 2...10) 20

(Q 2...10) 20
(Q 2...10) 20

(QB 2...10) 10
(QB 2...10) 10

UL / CSA rated data

Voltage / current / conductor size UL
 Voltage / current / conductor size CSA

-
-

-
-

-
-

-
-

Ordering information

Pin	Type	Cat. No.	Qty.
Right	PA	053656	50
Left	PA		
Horizontal right	PA		
Horizontal right	Blue PA		
Vertical right	PA		
Vertical right	Blue PA		
Vertical	PA		
Vertical left	PA		
Right	PA	139846¹⁾	50
Horizontal right	PA		
Vertical right	PA		

Pin	Type	Cat. No.	Qty.
Right	PA	053656	50
Left	PA		
Horizontal right	PA		
Horizontal right	Blue PA	037046¹⁾	50
Vertical right	PA	037048¹⁾	50
Vertical right	Blue PA		
Vertical	PA		
Vertical left	PA	068586¹⁾	50
Right	PA	139846¹⁾	50
Horizontal right	PA	139856¹⁾	50
Vertical right	PA	139866¹⁾	50

Pin	Type	Cat. No.	Qty.
Right	PA	053656	50
Left	PA		
Horizontal right	PA		
Horizontal right	Blue PA	037046¹⁾	50
Vertical right	PA	037036¹⁾	50
Vertical right	Blue PA	052776¹⁾	50
Vertical	PA		
Vertical left	PA	068586¹⁾	50
Right	PA	139846¹⁾	50
Horizontal right	PA	139876¹⁾	50
Vertical right	PA	139886¹⁾	50

Pin	Type	Cat. No.	Qty.
Right	PA	053656	50
Left	PA		
Horizontal right	PA		
Horizontal right	Blue PA	037046¹⁾	50
Vertical right	PA	037036¹⁾	50
Vertical right	Blue PA	052776¹⁾	50
Vertical	PA		
Vertical left	PA	068586¹⁾	50
Right	PA	139846¹⁾	50
Horizontal right	PA	139876¹⁾	50
Vertical right	PA	139886¹⁾	50

Pin	Type	Cat. No.	Qty.
Right	PA	053656	50
Left	PA		
Horizontal right	PA		
Horizontal right	Blue PA	037046¹⁾	50
Vertical right	PA	037036¹⁾	50
Vertical right	Blue PA	052776¹⁾	50
Vertical	PA		
Vertical left	PA	068586¹⁾	50
Right	PA	139846¹⁾	50
Horizontal right	PA	139876¹⁾	50
Vertical right	PA	139886¹⁾	50

DK 4 QT bridgeable on both levels

End plate / partition (thickness mm)

Type	Cat. No.	Qty.
PA	AP (1,5)	035926 20
Blue PA	AP (1,5)	035928 20
	TW (2,0)	060700 20

Type	Cat. No.	Qty.
PA	AP (1,5)	035926 20
Blue PA	AP (1,5)	035928 20
	TW (2,0)	060700 20

Type	Cat. No.	Qty.
PA	AP (1,5)	035926 20
Blue PA	AP (1,5)	035928 20
	TW (2,0)	060700 20

Type	Cat. No.	Qty.
PA	AP (1,5)	035926 20
Blue PA	AP (1,5)	035928 20
	TW (2,0)	060700 20

Type	Cat. No.	Qty.
PA	AP (1,5)	021136 20
Blue PA	AP (1,5)	035928 20
	TW (2,0)	060700 20

Small partition

TSch 4 TSch 4 **036336** 100

TSch 4 **036336** 100

TSch 4 **036336** 100

TSch 4 **036336** 100

TSch 4 **036336** 100

Cross-connection/Covers

Type	Cat. No.	Qty.
2-pole	Q 2	033640 50
3-pole	Q 3	033650 50
4-pole	Q 4	033660 50
10-pole	Q 10	036860 20
	QB 2*	048270 100
	QB 3*	048280 50
	QB 4*	048290 50
25-pole		

Type	Cat. No.	Qty.
2-pole	Q 2	033640 50
3-pole	Q 3	033650 50
4-pole	Q 4	033660 50
10-pole	Q 10	036860 20
	QB 2*	048270 100
	QB 3*	048280 50
	QB 4*	048290 50
25-pole		

Type	Cat. No.	Qty.
2-pole	Q 2	033640 50
3-pole	Q 3	033650 50
4-pole	Q 4	033660 50
10-pole	Q 10	036860 20
	QB 2*	048270 100
	QB 3*	048280 50
	QB 4*	048290 50
25-pole		

Type	Cat. No.	Qty.
2-pole	Q 2	033640 50
3-pole	Q 3	033650 50
4-pole	Q 4	033660 50
10-pole	Q 10	036860 20
	QB 2*	048270 100
	QB 3*	048280 50
	QB 4*	048290 50
25-pole		

Type	Cat. No.	Qty.
2-pole	Q 2	033640 50
3-pole	Q 3	033650 50
4-pole	Q 4	033660 50
10-pole	Q 10	036860 20
	QB 2*	048270 100
	QB 3*	048280 50
	QB 4*	048290 50
25-pole		

Test plug/Socket

Plug-test socket without using QL StB 8.5 (ø 2,3) **021570** 50

StB 8.5 (ø 2,3) **021570** 50

StB 8.5 (ø 2,3) **021570** 50

StB 8.5 (ø 2,3) **021570** 50

StB 8.5 (ø 2,3) **021570** 50

PS PS 2.3 **018040** 20

PS 2.3 **018040** 20

PS 2.3 **018040** 20

PS 2.3 **018040** 20

PS 2.3 **018040** 20

Marking tags

Consecutive horizontal
 Consecutive vertical

dekafix 6 **046866** -

dekafix 6 **046866** -

dekafix 6 **046866** -

dekafix 6 **046866** -

For further accessories see section 3, further marking material see section 8

* The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used
 ** Only to be used with PA versions

¹⁾ Shock-proof with ADP4 cover profile (see page 3/23)

Rack mounted interface system

AVR 4/10



Version

Block* of 10 plates fitted with pins and an empty plate which acts as the end plate. The plates can be mounted as desired for larger numbers of poles. The AVR blocks listed here are coded from 1 to 9. The 10th. plate is free for decade markings.

* Block length = 72.05 mm

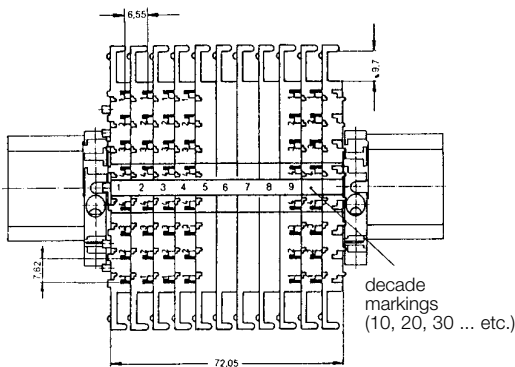
Nominal voltage according to DIN 0110
Insulation group C

Pin dimensions	Grid dim. in mm	
mm	6.55	7.62
0.6 x 0.6	380 V~	380 V~
1.0 x 1.0	380 V~	380 V~
0.8 x 1.6	380 V~	380 V~
0.8 x 2.4	250 V~	380 V~

Applications

Interface system for use in 19" cabinets whose doors can only be opened outwards. Primarily decentralised arrangement, i.e. next to electronic modules. The pin arrangement allows operation from the front. The individual conductors with 8 colour codes from stranded cables can be systematically connected to 8 pins respectively. The pins are matched via a beige/yellow colour code. The block designation is performed by coordinates. Markings 1 to 9 and the decade markings are in the direction of mounting. For the markings 1 to 4 per level, see the diagram below.

Side tabs assign the individual conductors to the respective level.



Dimensions

Width / length / height (mm) with TS 32 6,55/39/60/86
Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage / current / cross-section 250 V/4/6 A
Rated impulse voltage VDE 0110/1.89/Pollution severity 4 kV/3

Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

Clampable conductor

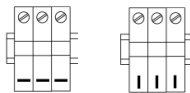
solid H07V-U mm²
stranded H07V-R mm²
flexible H07V-K mm²
flexible H07V-K and AEH DIN 46 228/1 mm²
Plug gauge according to 947-1 Size
Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL -
Voltage / current / conductor size CSA -

Ordering data/Pin version (internal)

Vertical 0.8 x 1.6
Horizontal 0.8 x 1.6
Vertical 0.8 x 2.4
Horizontal 0.8 x 2.4
0.8 x 2.4 on 1 x 1



Horizontal assembly
Vertical assembly

Plug adapter

	Cat. No.	Qty.
	046376	8
	046366	8
	046396	8
	046386	8
	049796	8

Additional versions available on request

Type	Cat. No.	Qty.
DSA 1	057606	50

Marking tags

dekafix 5 FW 10, 20, 30, 40 etc.

013266

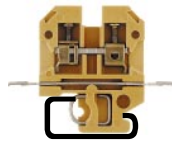
Feed-through terminals

Disconnect terminals

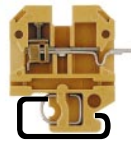
with solder connection

SAK 2.5/M.LS

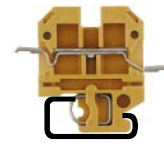
with Screen lug



SAK 2.5 L




SAK 2.5 LL



SAKR L



Dimensions

Width / length / height (mm) with TS 32 
 Insulation stripping length/clamping screw/screwdriver blade

6/60/46,5	6/44,5/46,5	6/55/46,5	6,5/50/40,5/54,5 (open)
12 mm/M 2,5/3,5 x 0,6	12 mm/M 2,5/3,5 x 0,6		8 mm/M 3/3,5 x 0,6

Rated data

Rated voltage / current / cross-section	250 V/20 A/2,5/1,5 mm ²	250 V/20 A/2,5/1,5 mm ²	250 V/20 A/1,5 mm ²	250 V/10 A/4/1,5 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	4 kV/3	4 kV/3	4 kV/3	4 kV/3

Further technical data

Tightening torque range	Nm 0,4...0,7	0,4...0,7		0,5...1,0
Torque setting with DMS 2 electric screwdriver	1	1		2/1

Clampable conductor

solid H07V-U	mm ² 0,5...6	0,5...6		0,5...4
stranded H07V-R	mm ² 0,5...2,5	0,5...2,5		0,5...4
flexible H07V-K	mm ² 0,5...4	0,5...4		0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ² 0,5...2,5	0,5...2,5		0,5...2,5
Plug gauge according to 947-1	Size A 3	A 3		A 3

Continuous current of terminal block for conductor size			(Q 2...10) 27	(QB 2...25) 10
Continuous current rating of cross-connection 2-pole	A	(Q 2...10) 27	(Q 2...10) 27	(QB 2...25) 10
Continuous current rating of cross-connection multipole	A			

UL / CSA rated data

Voltage / current / conductor size	UL 300 V/10 A/22...12 AWG	-	-	300 V/10 A/22...12 AWG
Voltage / current / conductor size	CSA 300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG

Ordering data

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
KrG	030912	100	KrG	035142	100	KrG	032362	100			
Blue KrG			Blue KrG	035147	100	Blue KrG	032367	100			
KrS											
PA				035146¹⁾	100		032366¹⁾	100		041236	100
Blue PA											
KrG				054412*	100						
KrS				054413*	100						
PA				054416¹⁾	100					041246*	100
Blue PA										041248*	100

End plate / partition (thickness mm)

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
KrG	AP (1,5)	030922	20	AP (1,5)	030922	20	AP (1,5)	030922	20		
Blue KrG	AP (1,5)	030927	20	AP (1,5)	030927	20	AP (1,5)	030927	20		
PA				AP (1,5)	027956	20	AP (1,5)	027956	20	AP (1,5)	021136¹⁾
Blue PA										AP (1,5)	021138
PA	TW (1,5)	030286	20	TW (1,5)	030286	20	TW (1,5)	030286	20		
HP	TW (1,0)	029710	20	TW (1,0)	029710	20	TW (1,0)	029710	20		
HP	TW (2,0)	060700	20	TW (2,0)	060700	20	TW (2,0)	060702	20	TW (2,0)	060700

Small partition

TSch 1	031916	100	TSch 1	031916	100	TSch 1	031916	100			
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Cross-connection

2-pole	Q 2	033700	50	Q 2	033700	50	Q 2	033700	50	QB 2**	048270	100
3-pole	Q 3	033710	50	Q 3	033710	50	Q 3	033710	50	QB 3**	048280	50
4-pole	Q 4	033720	50	Q 4	033720	50	Q 4	033720	50	QB 4**	048290	50
10-pole	Q 10	036870	20	Q 10	036870	20	Q 10	036870	20			
25-pole										QB 25 blank**	013400	20

Test plug/Socket

Plug-test socket without using QL			StB 8.5 (ø 2,3)	028060	50	StB 8.5 (ø 2,3)	028060	50			
Plug-test socket for use with QL			StB 29.5 (ø 4)	013340	50	StB 29.5 (ø 4)	013340	50			
			PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
			PS 4	029960	20	PS 4	029960	20			

Cover

AD 4	030340	50	AD 4	030340	50	AD 4	030340	50			
BSK M 3 x 22	012890	100	BSK M 3 x 22	012890	100	BSK M 3 x 22	012890	100			

Marking tags

Print	Consecutive horizontal	Consecutive vertical	Print	Consecutive horizontal	Consecutive vertical	Print	Consecutive horizontal	Consecutive vertical
	FW 6	046866	FW 6	046866	FW 6	046866	FW 6.5	046816
	FS 6	046876	FS 6	046876	FS 6	046876	FS 6.5	046826

For further accessories see section 3, further marking material see section 8

* Solder lug on left

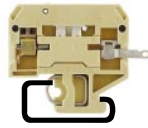
** The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

¹⁾ Shock-proof with ADP4 cover profile (see page 3/23)

Feed-through terminals
Disconnect terminals
with solder connection

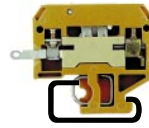
SAKR L

with 1 x StB 6



SAKR L

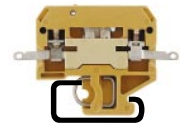
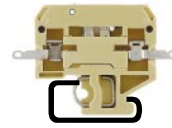
with 2 StB 6



SAKR LL

SAKR LL

with 2 StB 6



Dimensions

Width / length / height (mm) with TS 32 Insulation stripping length/clamping screw/screwdriver blade

6,5/50/40,5/54,5 (open)
8 mm/M 3/3,5 x 0,6

6,5/50/40,5/54,5 (open)
8 mm/M 3/3,5 x 0,6

6,5/58/40,5/54,5 (open)

6,5/58/40,5/54,5 (open)

-/-/3,5 x 0,6

Rated data

Rated voltage / current / cross-section
Rated impulse voltage VDE 0110/1.89/Pollution severity

250 V/10 A/4/1,5 mm²
4 kV/3

250 V/10 A/4/1,5 mm²
4 kV/3

250 V/10 A/1,5 mm²
4 kV/3

250 V/10 A/1,5 mm²
4 kV/3

Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

0,5...1,0
2/1

0,5...1,0
1

Clampable conductor

solid H07V-U mm²
stranded H07V-R mm²
flexible H07V-K mm²
flexible H07V-K and AEH DIN 46 228/1 mm²
Plug gauge according to 947-1 Size

0,5...4
1,5...4
0,5...4
0,5...2,5
A 3

0,5...4
1,5...4
0,5...4
0,5...2,5
A 3

Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

(QB 2...25) 10

(QB 2...25) 10

UL / CSA rated data

Voltage / current / conductor size UL
Voltage / current / conductor size CSA

-
300 V/10 A/22...12 AWG

-
-

-
300 V/10 A/22...12 AWG

-
300 V/10 A/22...12 AWG

Ordering data

Type

Cat. No. Qty.

Cat. No. Qty.

Cat. No. Qty.

Cat. No. Qty.

KrG

051812* 100

Blue KrG

KrS

PA

041256 100

051816* 100

046446 100

029426 100

Blue PA

KrG

KrS

PA

041266* 100

057266 100

Blue PA

End plate / partition (thickness mm)

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.



AP

KrG

AP (1,5) **021132** 20

AP (1,5) **021132** 20

AP (1,5) **021132** 20

Blue KrG

PA

AP (1,5) **021136** 20

AP (1,5) **021136** 20

AP (1,5) **021136** 20

AP (1,5) **021136** 20

Blue PA

PA

AP (1,5) **021138** 20

AP (1,5) **021138** 20

AP (1,5) **021138** 20

AP (1,5) **021138** 20

HP

TW (0,5) **047470** 20

TW (0,5) **047470** 20

TW (0,5) **047470** 20

HP

TW (2,0) **060700** 20

TW (2,0) **060700** 20

TW (2,0) **060700** 20

TW (2,0) **060700** 20

Small partition



Cross-connection



Q 3

Q 4

2-pole QB 2** **048270** 100
3-pole QB 3** **048280** 50
4-pole QB 4** **048290** 50
10-pole
25-pole QB 25 blank** **013400** 20

2-pole QB 2** **048270** 100
3-pole QB 3** **048280** 50
4-pole QB 4** **048290** 50
QB 25 blank** **013400** 20

Test plug/Socket

Plug-test socket without using QL
Plug-test socket for use with QL



PS

StB

PS 2.3 **018040** 20

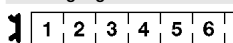
PS 2.3 **018040** 20

PS 2.3 **018040** 20

Cover

Marking tags

Print



Consecutive horizontal
Consecutive vertical

FW 6.5 **046816**
FS 6.5 **046826**

FW 6.5 **046816**
FS 6.5 **046826**

FW 6.5 **046816**
FS 6.5 **046826**

FW 6.5 **046816**
FS 6.5 **046826**

For further accessories see section 3, further marking material see section 8

* Solder lug on left
** The conductor cross-section for the screw connection is reduced to 2,5 mm² when QB is used

TAL

2 solder connections



TAL

4 solder connections



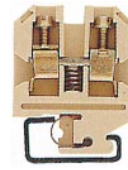
Ceramic feed-through terminals

for use in high temperature ranges up to max. 210 °C

SAKK 4



SAKK 10



4/48/36/50 (open) 4/54/36/50 (open)

63 V/10 A/1,5 mm² 63 V/10 A/1,5 mm²
1,5 kV/3 1,5 kV/3

Cat. No. Qty. Cat. No. Qty.

021206 100

030496 100

Type Cat. No. Qty. Type Cat. No. Qty.

AP (1,5) **021226** 20 AP (1,5) **021226** 20

TW (0,5) **047470** 20 TW (0,5) **047470** 20

TW (1,0) **029710** 20 TW (2,0) **060700** 20

on request
on request

on request
on request

Dimensions

Width / length / height (mm) with TS 32

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section

Further technical data

Clampable conductor

solid mm²

stranded mm²

Plug gauge according to 947-1 Size

Continuous current of cross-connection for conductor size 35 A/6 mm²

Continuous current rating of cross-connection 2-pole A 36

Continuous current rating of cross-connection multipole A 36

UL / CSA rated data

Voltage / current / conductor size UL 600 V/30 A/22...10 AWG

Voltage / current / conductor size CSA 600 V/36 A/26...10 AWG

Ordering data

Version

Ceramic

8/40/53

12 mm/M 3/3,5 x 0,6

800 V/32 A/4 mm²

0,5...6 mm²

0,5...4 mm²

A 4

35 A/6 mm²

36

36

600 V/30 A/22...10 AWG

600 V/36 A/26...10 AWG

Type Cat. No. Qty.

SAKK 4 **159808** 50

11,5/40/53

12 mm/M 4/5,5 x 1,0

800 V/57 A/10 mm²

2,5...16 mm²

2,5...10 mm²

B 6

63 A/16 mm²

47

36

600 V/55 A/14...16 AWG

600 V/65 A/14...16 AWG

Type Cat. No. Qty.

SAKK 10 **159809** 50

End plate (Thickness 3 mm)



Type Cat. No. Qty.

AP/SAKK 4/10 **950263** 10

Type Cat. No. Qty.

AP/SAKK 4/10 **950263** 10

Cross-connection

QL 2

QL 3

QL 4

Connecting sleeve

Attachment screw

Type Cat. No. Qty.

QL 2 **019430** 100

QL 3 **019440** 100

QL 4 **019450** 50

QL 10 **033830** 20

VH 13,5 **950946** 100

BS (M 3 x 20) **030300** 100

Type Cat. No. Qty.

QL 2 **950947** 100

QL 3 **950948** 50

QL 4 **950949** 50

QL 10 **950950** 20

VH 12,5 **950951** 50

BS (M 3 x 20) **030300** 100

Accessories

Locking pin

End bracket

PE terminal

SST 3 **015270**

MEW 1/32 **044560**

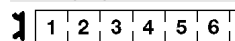
EK 2 **032311**

SST 3 **015270**

MEW 1/32 **044560**

EK 2 **032311**

Marking tags



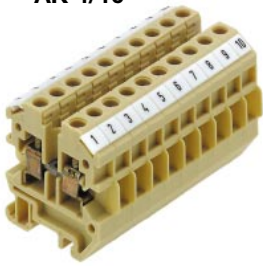
Print

Consecutive horizontal

Consecutive vertical

For further accessories see section 3, further marking material see section 8

AK 4
AK 4/10



38,5 A / 6 mm²

60/32/34
9 mm/M 3/3,5 x 0,6
690 V/32 A/4 mm ²
8 kV/3
0,5...1,0
2
0,5...6
1,5...4
0,5...4
0,5...4
0,5...4
0,2...6.0 / A 3
20
20
600 V/27 A/22...12 AWG
600 V/20 A/24...12 AWG
TS 15
048956 100
(10pol.w/o.mrk.) 036656 10
(10pol.w. mrk.) 046956 10
Type Cat. No. Qty.
BB 3 (8,0) 036666 50
Combined AP + end bracket
TW/AP (1,5) 133176 20
TSch 4 036336 100
Q 2 036900 50
Q 3 036910 50
Q 4 036920 50
Q 10 036930 20
AD 4 030340 50
BSK M 2,5x18 030330 100
StB 8.5 021570 50
PS 2.3 018040 20
FW 6 046866 500
FS 6 046876 500

AKE 2.5



5/28/27
7 mm/M 2,5/3,0 x 0,5
IEC 947-7-2
250 V**/-/2,5 mm ²
4 kV/3
0,4...0,7
1
0,5...4
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
-/-/22...12 AWG
-/-/26...12 AWG
TS 15
130336 100
(Green/yellow)
Type Cat. No. Qty.
FW 5 047346 500
FS 5 047356 500

AKE 4



7/32/34
9 mm/M 3/3,5 x 0,6
IEC 947-7-2
690 V**/-/4 mm ²
8 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
-/-/22...12 AWG
-/-/26...12 AWG
TS 15
038026 100
(Green/yellow)
Type Cat. No. Qty.
FW 6,5 046816 500
FS 6,5 046826 500

AKE 4 MS



7/27,5/30
9 mm/M 3/3,5 x 0,6
-/-/4 mm ²
0,8...1,6
3
0,5...4
1,5...4
0,5...4
0,5...4
0,5...4
0,5...4.0 / A 3
-
-/-/22...14 AWG
TS 15
021120 50
Type Cat. No. Qty.

ASK 1



8/58/34
9 mm/M 3/3,5 x 0,6
500 V/6,3 A/4 mm ²
6 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...2,5
0,13...4.0 / A 3
(QB 2...4) 10
300 V/10 A/22...12 AWG
300 V/6,3 A/26...12 AWG
TS 15
037686 100
5 x 20 without indicator
Type Cat. No. Qty.
AP (1,5) 038036 20
QB 2 ¹⁾ insul. 046110 50
QB 3 ¹⁾ insul. 046120 50
QB 4 ¹⁾ insul. 046130 50
3-pole ganging with SchS 2, marking tag carrier, clipped onto three disconnect levers (Cat. No. 033740)
contact sleeve 055330 100
FW 6.5 046816 500
FS 6.5 046826 500

SAKR
with 2 sockets or
with 2 clamping screws



6,5/42/45
8 mm/M 3/3,5 x 0,6
400 V ²⁾ /10 A/4 mm ²
6 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...2,5
0,5...4
0,13...4.0 / A 3
(QB 2...4) 10
300 V/10 A/22...12 AWG
300 V/10 A/26...12 AWG
TS 15
with 2 StB 041286 100
w. clamp. scrw. 041276 100
Type Cat. No. Qty.
AP (1,5) 021136 20
QB 2 ¹⁾ insul. 048270 50
QB 3 ¹⁾ insul. 048280 50
QB 4 ¹⁾ insul. 048290 50
QB 25 ¹⁾ blank 013400 20
PS 2.3 018040 20
FW 6.5 046816 500
FS 6.5 046826 500

¹⁾ rated voltage between PE and feed-through to VDE 0110/1.89

¹⁾ The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

²⁾ With contact sleeve 19 A

²⁾ As disconnect terminal, rated voltage 250 V

Feed-through terminals
Tab connection
Solder connection

AKZ 4 SS

AKZ 4 SS

AKZ 4 S

AKZ 4 SF



Dimensions

Width / length / height (mm)	with TS 15	6/28,5/30,5	6/28,5/30,5	6/27/30	6/27/30
------------------------------	------------	-------------	-------------	---------	---------

Insulation stripping length/clamping screw/screwdriver blade				9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6
--	--	--	--	--------------------	--------------------

Rated data					
Rated voltage/rated current/rated cross-section		400 V/8 A/2,5/1 mm ²	400 V/8 A/1 mm ²	400 V/8 A/4/1 mm ²	400 V/8 A/4/1 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3

Further technical data					
Tightening torque range	Nm			0,5...1,0	0,5...1,0
Torque setting with DMS 2 electric screwdriver				2	2

Clampable conductor					
solid H07V-U	mm ²			0,5...4	0,5...4
stranded H07V-R	mm ²			1,5...4	1,5...4
flexible H07V-K	mm ²	Tab 6.3 und 2.8 mm	Tab 2.8 mm	0,5...4	0,5...4
flexible H07V-K and AEH DIN 46 228/1	mm ²			0,5...4	0,5...4
flexible H07V-K and AEH with plastic collar	mm ²			0,5...4	0,5...4
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size			0.2...4/A 3	0.2...4/A 3

Continuous current rating of cross-connection	2-pole	A	20	20	20	20
Continuous current rating of cross-connection	multipole	A	20	20	20	20

UL / CSA rated data					
Voltage / current / conductor size	UL	-	-	150 V/20 A/22...12 AWG	-
Voltage / current / conductor size	CSA	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG

Ordering data	Type	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.
	KrG												
	PA		032456	100		036246	100		032446	100		015876	100
	Blue PA												
	PA												

End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	PA	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446	20	AP (1,5)	029446
	PA											
	Blue PA											
	HP											
	HP											
	BB											

Partition (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	PA	TW (0,5)	034826	50	TW (0,5)	034826	50	TW (0,5)	034826	50	TW (0,5)	034826
	HP											
	HP											

Small partition												
------------------------	--	--	--	--	--	--	--	--	--	--	--	--

Cross-connection												
	Q 2	036900	50	Q 2	036900	50	Q 2	033640	50	Q 2	033640	50
	Q 3	036910	50	Q 3	036910	50	Q 3	033650	50	Q 3	033650	50
	Q 4	036920	50	Q 4	036920	50	Q 4	033660	50	Q 4	033660	50
	Q 10	036930	20	Q 10	036930	20	Q 10	036860	20	Q 10	036860	20

Switchable cross-connection link												
	VL 2	044670	50	VL 2	044670	50	VL 2	044670	50	VL 2	044670	50
	VH 10	044660	100	VH 10	044660	100	VH 10	044660	100	VH 10	044660	100
	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100	BS M 2,5x14	026680	100

Test plug/Socket												
	Plug-test socket ø 2,3	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570
	PS	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040
	StB											

Cover												
--------------	--	--	--	--	--	--	--	--	--	--	--	--

Insulation sleeve												
	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100
	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100

Marking tags	Print											
	Consecutive horizontal	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500	FW 6	046866
	Consecutive vertical	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500	FS 6	046876

For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used with tab connections to maintain the rated voltage.

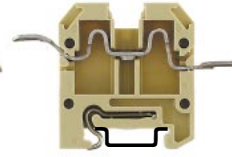
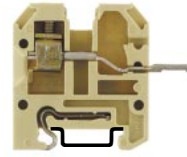
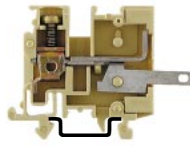
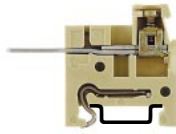
AL 1

AKZ 1.5 L

AKZ 2.5 K

AKZ 4 L

AKZ 4 LL



AL 1			AKZ 1.5 L			AKZ 2.5 K			AKZ 4 L			AKZ 4 LL		
6,5/32/21			5/34,5/25			5/25,9/22,6			6/35,5/30			6/44/30		
			7 mm / M 2,5 / 3,0 x 0,5			7 mm / M 2,5 / 3 x 0,5			9 mm / M 3 / 3,5 x 0,6					
400 V/16 A/1 mm ²			250 V/16 A/1,5 mm ²			250 V/17,5 A/2,5 mm ²			250 V/16 A/4/1,5 mm ²			250 V/16 A/1,5 mm ²		
6 kV/3			4 kV/3			4 kV/3			4 kV/3			4 kV/3		
			0,4...0,7			0,4...0,7			0,5...1,0					
			1			1			2					
0,5...1			0,5...2,5			0,5...4			0,5...4			0,5...1,5		
			1,5			1,5...2,5			1,5...4			1,5		
0,5...1			0,5...1,5			0,5...2,5			0,5...4			0,5...1,5		
			0,5...1,5			0,5...2,5			0,5...4					
			0,5...1,5			0,5...2,5			0,5...4					
			0,2...2,5 / A 1			0,13...4,0 / A3			0,2...4,0 / A 3			0,2...2,5 / -		
			20			10			20			20		
			20			10			20			20		
-			-			-			300 V/20 A/22...12 AWG			300 V/20 A/22...12 AWG		
-			150 V/10 A/24...16 AWG			300 V/10 A/26...10 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG		
TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	Type	Cat. No.	Qty.	TS 15	Cat. No.	Qty.	TS 15	Cat. No.	Qty.
	013732	100		034016	100	AKZ 2.5 K	069666	100		033482	100		034646	100
										033486	100			
										033488	100			
						Direct mounting with BB 1, please order separately								
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.				Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
			AP (1,5)	032966	20				AP (1,5)	029442	20	AP (1,5)	029446	20
						AP (2,5)	069726	50	AP (1,5)	029448	20			
EP (1,0)	016410	100												
EP (1.0 tropic)	016450	100				BB 4 (7,5)	069756	50						
TW (0,5)	016680	50	TW (0,5)	016680	50				TW (0,5)	034826	50	TW (0,5)	034826	50
									TSch 4	036336	100	TSch 4	036336	100
			Q 2	036820	50	Q 2	036820	50	Q 2	033640	50	Q 2	033640	50
			Q 3	036830	50	Q 3	036830	50	Q 3	033650	50	Q 3	033650	50
			Q 4	036840	50	Q 4	036840	50	Q 4	033660	50	Q 4	033660	50
			Q 10	036850	10	Q 10	036850	20	Q 10	036860	20	Q 10	036860	20
									VL 2	044670	50	VL 2	044670	50
									VH 10	044660	50	VH 10	044660	50
									BS M 2,5 x 14	026680	100	BS M 2,5 x 14	026680	100
			StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
			PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
									AD 4	030340	50	AD 4	030340	50
									BSK M 2,5x18	030330	100	BSK M 2,5x18	030330	100
						IH 2.8	038606	100						
FW 6.5	046816	500	FW 5	047346	500	FW 5	047346	500	FW 6	046866	500	FW 6	046866	500
FS 6.5	046826	500	FS 5	047356	500	FS 5	047356	500	FS 6	046876	500	FS 6	046876	500

Feed-through terminals

Screw connection

Spring clip connection iaw. DIN 41611 Part 4

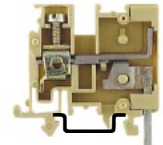
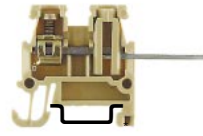
Wrap connection iaw. DIN/IEC 352 Part 1

AKZ 1.5 T

AKZ 1.5 T

AKZ 1.5 T

AKZ 2.5 K



* 035786 = 45 mm

Dimensions

Width / length / height (mm)	with TS 15	5/25/45	5/25/39,5	5/28/44	5/26/46,7
Pin dimension	mm	0,8 x 1,6	1 x 1	0,8 x 1,6	0,8 x 1,6
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5
Rated data					
Rated voltage / current / cross-section		125 V/8 A/1,5 mm ²	125 V/8 A/1,5 mm ²	125 V/8 A/1,5 mm ²	125 V/10 A/2,5 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		2,5 kV/3	2,5 kV/3	2,5 kV/3	2,5 kV/3
Further technical data					
Tightening torque range	Nm	0,4...0,7	0,4...0,7	0,4...0,7	0,4...0,7
Torque setting with DMS 2 electric screwdriver		1	1	1	1
Clampable conductor					
solid H07V-U	mm ²	0,5...2,5	0,5...2,5	0,5...2,5	0,5...4
stranded H07V-R	mm ²	1,5	1,5	1,5	1,5...2,5
flexible H07V-K	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
flexible H07V-K and AEH with plastic collar	mm ²	0,5...1,5	0,5...1,5	0,5...1,5	0,5...2,5
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size	0.13...2.5 / A1	0.13...2.5 / A1	0.13...2.5 / A1	0.13...4.0 / A3

Continuous current rating of cross-connection 2-pole	A	10	10	10	10
Continuous current rating of cross-connection multipole	A	10	10	10	10

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG
Voltage / current / conductor size	CSA	300 V/10 A/24...16 AWG	300 V/10 A/24...16 AWG	300 V/10 A/24...16 AWG	300 V/10 A/26...10 AWG

Ordering information

Pin versions

		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
 Horizontal assembly	0.6 x 0.6	AKZ 1.5 T	044256	100	AKZ 1.5 T	048366	100	AKZ 1.5 T	040046	100	AKZ 2.5 K	069626	100
	1.0 x 1.0	AKZ 1.5 T	035796	100	AKZ 1.5 T	035786	100	AKZ 1.5 T	040036	100	AKZ 2.5 K	069636	100
	0.8 x 1.6 horizontal	AKZ 1.5 W	032946	100				AKZ 1.5 T	041036	100	AKZ 2.5 K	069646	100
	0.8 x 1.6 vertical										AKZ 2.5 K	069656	100
 Vertical assembly	0.8 x 2.4 horizontal												
	0.8 x 2.4 vertical												

End plate (thickness mm)

	PA	AP (1,5)	034056	50	AP (1,5)	034056	50	AP (1,5)	034056	50	AP (2,5)	069726	50
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Partition (thickness mm)

	PA										TW (1,5)	031856	20
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Small partition

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Cross-connection

 Q 3	2-pole	Q 2	036820	50	Q 2	036820	50	Q 2	036820	50	Q 2	036820	50
	3-pole	Q 3	036830	50	Q 3	036830	50	Q 3	036830	50	Q 3	036830	50
	4-pole	Q 4	036840	50	Q 4	036840	50	Q 4	036840	50	Q 4	036840	50
	10-pole	Q 10	036850	20	Q 10	036850	20	Q 10	036850	20	Q 10	036850	20

Switchable cross-connection link

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Test plug/Socket

		Plug-test socket ø 2.3 mm	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50	StB 8.5	021570	50
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			PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20
 Print	Consecutive horizontal	FW 5	047346	500	FW 5	047346	500	FW 5	047346	500	FW 5	047346	500	
	Consecutive vertical	FS 5	047356	500	FS 5	047356	500	FS 5	047356	500	FS 5	047356	500	

For further accessories see section 3, further marking material see section 8

AKZ 2.5 K

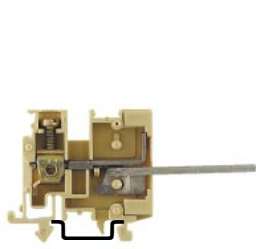
AKZ 2.5 K

AKZ 4 T

AKZ 4 T

AKZ 4 T

AKZ 4 ST



5/26/46,7
0,8 x 1,6
7 mm/M 2,5/3,0 x 0,5
250 V/8 A/2,5 mm ²
4 kV/3
0,4...0,7
1
0,5...4
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5
0,13...4,0 / A3

5/47,5/27
0,8 x 1,6
7 mm/M 2,5/3,0 x 0,5
250 V/8 A/2,5 mm ²
4 kV/3
0,4...0,7
1
0,5...4
1,5...2,5
0,5...2,5
0,5...2,5
0,5...2,5
0,13...4,0 / A3

6/27/48,5
1 x 1
9 mm/M 3/3,5 x 0,6
250 V/10 A/4 mm ²
4 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...4
0,5...4
0,13...4,0 / A3

6/27/50,5
0,8 x 1,6
9 mm/M 3/3,5 x 0,6
250 V/10 A/4 mm ²
4 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...4
0,5...4
0,13...4,0 / A3

6/27/57,8
0,8 x 2,4
9 mm/M 3/3,5 x 0,6
250 V/10 A/4 mm ²
4 kV/3
0,5...1,0
2
0,5...4
1,5...4
0,5...4
0,5...4
0,5...4
0,13...4,0 / A3

6/27/50,2
0,8 x 1,6
-
250 V/10 A/2,5 mm ²
4 kV/3
-
-
0,5...2,5 / -

10
10

10
10

20
20

20
20

20
20

20
20

300 V/10 A/26...14 AWG
300 V/10 A/26...10 AWG

300 V/10 A/26...14 AWG
300 V/10 A/26...10 AWG

300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG

300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG

300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG

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-

Type	Cat. No.	Qty.
AKZ 2.5 K	069546	100
AKZ 2.5 K	069556	100
AKZ 2.5 K	069576	100
AKZ 2.5 K	069566	100

Type	Cat. No.	Qty.
AKZ 2.5 K	069586	100
AKZ 2.5 K	069596	100
AKZ 2.5 K	069606	100
AKZ 2.5 K	069616	100

Type	Cat. No.	Qty.
AKZ 4 T	044586	100

Type	Cat. No.	Qty.
AKZ 4 T	034416	100
AKZ 4 T	034406	100

Type	Cat. No.	Qty.
AKZ 4 T	036646	100
AKZ 4 T	046166	100

Type	Cat. No.	Qty.
AKZ 4 ST	043926	100

AP (2,5)	069726	50
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AP (2,5)	069726	50
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AP (1,5)	029446	20
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AP (1,5)	029446	20
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AP (1,5)	029446	20
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AP (1,5)	029446	20
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TW (1,5)	031856	20
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TW (1,5)	031856	20
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TW (1,5)	034826	50
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TW (1,5)	034826	50
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TW (1,5)	034826	50
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TW (1,5)	034826	50
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TSch 4	036336	100
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TSch 4	036336	100
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TSch 4	036336	100
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Q 2	036820	50
Q 3	036830	50
Q 4	036840	50
Q 10	036850	20

Q 2	036820	50
Q 3	036830	50
Q 4	036840	50
Q 10	036850	20

Q 2	033640	50
Q 3	033650	50
Q 4	033660	50
Q 10	036860	20

Q 2	033640	50
Q 3	033650	50
Q 4	033660	50
Q 10	036860	20

Q 2	033640	50
Q 3	033650	50
Q 4	033660	50
Q 10	036860	20

Q 2	036900	50
Q 3	036910	50
Q 4	036920	50
Q 10	036930	20

VL 2	044670	50
VH 10	044660	50
BS M 2,5 x 14	026680	100

VL 2	044670	50
VH 10	044660	50
BS M 2,5 x 14	026680	100

VL 2	044670	50
VH 10	044660	50
BS M 2,5 x 14	026680	100

StB 8.5	021570	50
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StB 8.5	021570	50
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StB 8.5	021570	50
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StB 8.5	021570	50
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StB 8.5	021570	50
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StB 8.5	021570	50
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PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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FW 5	047346	500
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FW 5	047346	500
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FW 6	046866	500
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FW 6	046866	500
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FW 6	046866	500
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FW 6	046866	500
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FS 5	047356	500
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FS 5	047356	500
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FS 6	046876	500
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FS 6	046876	500
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FS 6	046876	500
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FS 6	046876	500
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**Feed-through terminals
for temperature measuring circuits**

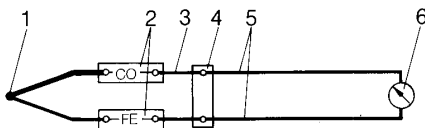
AKZ 4/TC



Weidmüller thermocouple terminals are specially designed for transmitting the smallest voltages in temperature measuring circuits. Special busbars ensure that no false signals occur in the terminal when temperature differences exist in the positive and negative path. This high measuring precision is necessary for, e.g. test beds aircraft engines, for complicated chemical processes, control, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Row width 14 mm including end plate

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference point
- 5 Supply conductors (to and from)
- 6 Measuring device

The thermocouple terminals displayed in this measurement circuit are used to thermoelectrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device via the thermocouple. Thermocouple terminals are required for the construction of temperature measuring circuits.

Technical data	
Thermocouples according to IEC 584 (DIN 43 710)	
Busbar	Constantan
Iron	



Dimensions		with TS 15	
Width / length / height (mm)		14/27/30	
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3,5 x 0,6	
Rated data			
Rated voltage / current / cross-section		-/-/4 mm ²	
Further technical data			
Tightening torque range	Nm	0,5...1	
Torque setting with DMS 2 electric screwdriver		2	
Clampable conductor			
solid H07V-U	mm ²	0,5...4	
stranded H07V-R	mm ²	1,5...4	
flexible H07V-K	mm ²	0,5...4	
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...2,5	
flexible H07V-K and AEH with plastic collar	mm ²	0,5...2,5	
Plug gauge according to 947-1	Size	A 3	
Continuous current of terminal block for conductor size			
Continuous current rating of cross-connection 2-pole	A		
Continuous current rating of cross-connection multipole	A		
UL / CSA rated data			
Voltage / current / conductor size	UL		
Voltage / current / conductor size	CSA		
Ordering information		Version	TS 15
for thermocouples	Type J	Fe – CuNi	Cat. No. Qty.
according to IEC 584	Type T	Cu – CuNi	162701 20
(DIN 43710)	Type K	NiCr – Ni	on request
	Type E	NiCr – CuNi	167713 20
			on request

End plate		Cat. No.	
AP (thickness 1.5 mm)	PA	029446	20

Partition		Cat. No.	
TW (thickness 0.5 mm)	PA	034826	50

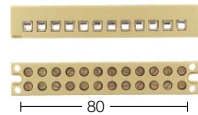
Marking tags		Print	
1 2 3 4 5 6	Consecutive horizontal	FW 6	046866 500
	Consecutive vertical	FS 6	046876 500

For further accessories see section 3, further marking material see section 8

Multipole terminal blocks

Screw connection

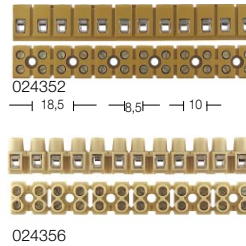
MK 2/12



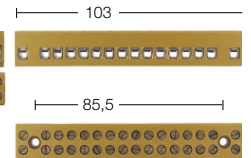
MK 10/14



MK 3/12



MK 4/16



Dimensions

Width / length / height (mm)	86/15/15	88,5/13,5/12	110/15/16,1	103/17/16
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Insulation stripping length/clamping screw/screwdriver blade	5 mm/M 2,5/3,5 x 0,6	6 mm/M 2,5/3,5 x 0,6	5 mm/M 2,5/3,5 x 0,6	5 mm/M 2,5/3,5 x 0,6
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Rated data VDE 0611 Part 1 / 8.92 / IEC 947-7-1				
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Rated voltage / current / cross-section	125 V/24 A/2,5 mm ²	125 V/24 A/2,5 mm ²	400 V/24 A/2,5 mm ²	400 V/24 A/2,5 mm ²
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Rated impulse voltage VDE 0110/1.89/Pollution severity	2,5 kV/3	2,5 kV/3	6 kV/3	6 kV/3
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Further technical data				
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Tightening torque range	Nm 0,4...0,6	0,4...0,6	0,4...0,6	0,4...0,6
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Torque setting with DMS 2 electric screwdriver	1	1	1	1
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Clampable conductor				
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solid H07V-U	mm ² 0,5...4	0,5...4	0,5...4	0,5...4
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stranded H07V-R	mm ² 1,5...2,5	1,5...2,5	1,5...2,5	1,5...2,5
-----------------	---------------------------	-----------	-----------	-----------

flexible H07V-K	mm ² 0,5...2,5	0,5...2,5	0,5...2,5	0,5...2,5
-----------------	---------------------------	-----------	-----------	-----------

flexible H07V-K and AEH DIN 46 228/1	mm ² 0,5...1,5	0,5...1,5	0,5...1,5	0,5...1,5
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flexible H07V-K and AEH with plastic collar	mm ² 0,5...1,5	0,5...1,5	0,5...1,5	0,5...1,5
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Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size 0,2...4,0 / A 2	0,2...4,0 / A 2	0,2...4,0 / A 2	0,2...4,0 / A 2
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Continuous current rating of cross-connection	2-pole A			
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Continuous current rating of cross-connection	multipole A			
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UL / CSA rated data				
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Voltage / current / conductor size	UL 300 V/10 A/24...12 AWG	150 V/25 A/22...12 AWG	300 V/25 A/22...12 AWG	150 V/20 A/22...12 AWG
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Voltage / current / conductor size	CSA 300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/25 A/22...12 AWG	150 V/15 A/22...12 AWG
------------------------------------	----------------------------	------------------------	------------------------	------------------------

Ordering data	Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
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2-pole					MK 3/2 KrG	027382	100						
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3-pole					MK 3/3 KrG	027392	50						
--------	--	--	--	--	------------	---------------	----	--	--	--	--	--	--

4-pole					MK 3/4 KrG	027402	50						
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4-pole					MK 3/4 PA	027406	50						
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6-pole					MK 3/6 KrG	027422	50						
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6-pole					MK 3/6 PA	027426	50						
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8-pole					MK 3/8 KrG	027442	25						
--------	--	--	--	--	------------	---------------	----	--	--	--	--	--	--

8-pole													
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10-pole					MK 3/10 KrG	027462	20						
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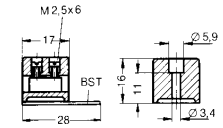
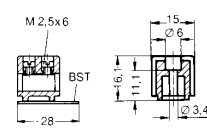
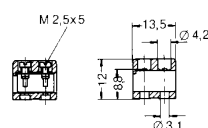
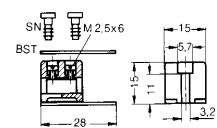
12-pole	MK 2/12 PA	024126	50		MK 3/12 KrG	024352	20						
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12-pole					MK 3/12 PA	024356	20						
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14-pole													
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16-pole					MK 10/14 PA	037016	20				MK 4/16 KrG	024422	20
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Other numbers of poles on request



The MK 10/14 can be mounted with glue or with M 3 x 12 screws through the empty terminal point aperture

*DIN EN ISO 1207

Solder tag/expansion rivet													
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MF 2/12	024176	50											
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SN	020010	500											
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Marking strips													
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Printed	BSTb 28/12	024570	50		BSTb 28/12	024590	50		BSTb 28/16	026220	50		
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1 ...	Bottom				BSTb 28/8	029020	50		Bottom				
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	BSTb 28/12	027850	50		BSTb 28/6	029000	50		BSTb 28/16	027870	50		
--	------------	---------------	----	--	-----------	---------------	----	--	------------	---------------	----	--	--

	Top				BSTb 28/4	028980	50		Top				
--	-----	--	--	--	-----------	---------------	----	--	-----	--	--	--	--

Unprinted	BSTo 28/12	024560	50		BSTo 28/12	024580	50		BSTo 28/16	026210	50		
-----------	------------	---------------	----	--	------------	---------------	----	--	------------	---------------	----	--	--

					BSTo 28/8	028470	50						
--	--	--	--	--	-----------	---------------	----	--	--	--	--	--	--

					BSTo 28/6	028950	50						
--	--	--	--	--	-----------	---------------	----	--	--	--	--	--	--

					BSTo 28/4	028930	50						
--	--	--	--	--	-----------	---------------	----	--	--	--	--	--	--

Printed on top on request

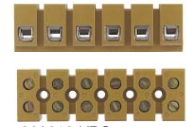
Multipole terminal blocks Screw/tab connection

MK 5/2

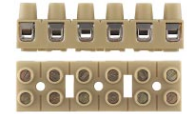
KS 2...10

BK 2...12

MK 6/2...6/6



062012 KRG



062016 PA

Dimensions

Width / length / height (mm)

40/18/15,5	See table below	See table below	See table below
------------	-----------------	-----------------	-----------------

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2,5/3,5 x 0,6	8 mm/M 3/4,0 x 0,8	8 mm/M 3/4,0 x 0,8	9 mm/M 4/4,0 x 0,8
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VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage / current / cross-section	500 V/24 A/2,5 mm ²	500 V/24 A/2,5 mm ²	400 V/32 A/4 mm ²	690 V/41 A/6 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	6 kV/3	6 kV/3	6 kV/3	8 kV/3

Further technical data

Tightening torque range	Nm	0,4...0,6	0,5...0,8	0,5...0,8	1,2...2,0
Torque setting with DMS 2 electric screwdriver		1	2	2	4

Clampable conductor

solid H07V-U	mm ²	0,5...4	0,5...4	0,5...4	0,5...6
stranded H07V-R	mm ²	1,5...2,5	1,5...2,5	1,5...4	1,5...6
flexible H07V-K	mm ²	0,5...2,5	0,5...2,5	0,5...4	0,5...6
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...1,5	0,5...1,5	0,5...4	0,5...4
flexible H07V-K and AEH with plastic collar	mm ²	0,5...1,5	0,5...1,2	0,5...4	0,5...4
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size	0,2...4,0 / A 2	0,2...4,0 / A 2	0,33...4,0 / A 3	0,33...6,0 / A 3

Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size	UL	300 V/20 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/30 A/22...10 AWG
Voltage / current / conductor size	CSA	300 V/25 A/24...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/40 A/22...10 AWG

Ordering data

Version

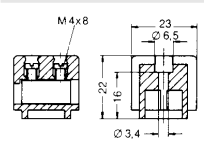
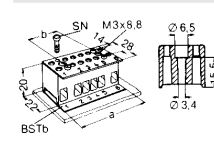
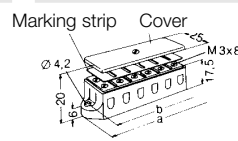
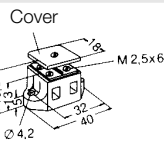
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
2-pole	MK 5/2 KrG	024382	100	KS 2 KrG ²⁾	013442	100	BK 2 KrG	019772	50	MK 6/2 KrG	062042	50
3-pole							BK 3 KrG	019782	50	MK 6/3 KrG	062032	50
4-pole				KS 4 KrG ²⁾	014032	50	BK 4 KrG	019522	50	MK 6/4 KrG	062022	20
4-pole										MK 6/4 PA	062026	20
6-pole				KS 6 KrG ²⁾	014062	50	BK 6 KrG	019532	50	MK 6/6 KrG	062012	20
6-pole										MK 6/6 PA	062016	20
8-pole												
8-pole												
10-pole				KS 10 KrG ²⁾	014162	20						
12-pole							BK 12 KrG	019892	50			
12-pole				Cover								
	D 2 (for MK 5/2)	024406	50	D 2 (for KS 2)	013450	100						
				D 4 (for KS 4)	014050	50						
				D 6 (for KS 6)	014080	50						
				D 10 (for KS 10)	014180	20						



Cover D 2
(for MK 5/2)



Cover D 4
(for KS 4)



Dimensions			Dimensions			Dimensions. Length/attachment dim		
Type	a	b	Type	a	b	Type	Length	Attachment dim
KS 2	42	32	BK 2	20	-	MK 6/2	23,5	KRG PA
KS 4	66	56	BK 3	31	11	MK 6/3	36,5	13
KS 6	90	80	BK 4	38	18	MK 6/4	49,5	26
KS 10	138	128	BK 6	52	32	MK 6/6	75,5	25
			BK 12	92	72,5			

Expansion rivet

SN 020010 500

Marking strips

Printed	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
1 ...	ELSb 2	014320	50	BSTb 28/2	020360	50	BSTb 28/6	030460	50
	ELSb 4	014330	50	BSTb 28/3	020380	50			
	ELSb 6	014340	50	BSTb 28/4	019730	50			
	ELSb 10	014350	50	BSTb 28/6	019750	50			
				BSTb 28/12	019880	50			
Unprinted	ELSo 2	014280	50	BSTo 28/2	020350	50			
	ELSo 4	014290	50	BSTo 28/3	020370	50			
	ELSo 6	014300	50	BSTo 28/4	019720	50			
	ELSo 10	014310	50	BSTo 28/6	019740	50			
				BSTo 28/12	019870	50			

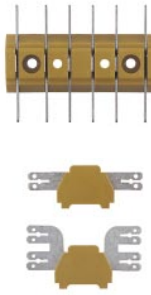
1) Projecting length = 1 mm. To be considered for the last terminal in a row!
Printed on top on request

2) Please order cover and marking strips separately.

MDM 10/1



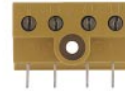
MF 1/6...1/12



SLS 2/2



SLS 2/4



Max. Technical Data

Dimensions

Width / length / height (mm)

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1

Rated voltage/rated current/rated cross-section

Rated impulse voltage VDE 0110/1.89/Pollution severity

Further technical data

Tightening torque range

Torque setting with DMS 2 electric screwdriver

Clampable conductor

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K and AEH DIN 46 228/1

flexible H07V-K and AEH with plastic collar

Max. Clamping Range in mm² / Gauge pin to IEC 947-1/1988 Size

Continuous current rating of cross-connection 2-pole

Continuous current rating of cross-connection multipole

UL / CSA rated data

Voltage / current / conductor size

Voltage / current / conductor size

Ordering data

Attachment bracket

Small partition

Cross-connection

Q 3

Switchable cross-connection link

VL

BS

VH

Test plug/Socket/Insulation sleeve

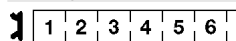
PS

StB

IH

Cover/marking strips

Marking material



Consecutive horizontal

Consecutive vertical

63 A / 10 mm²

10/45/34,5

12 mm/M 4/5,5 x 1,0

800 V/57 A/10 mm²

8 kV/3

1,2...2,4

4

1,5...16

1,5...10

1,5...10

1,5...10

1,5...10

1,5...16 / B 6

47

36

600 V/65 A/22...6 AWG

600 V/55 A/22...6 AWG

Type	Cat. No.	Qty.
MDM 10/1	912616	50

Direct mounting with an MB left and MB right

MB left	912526	20
MB right	912536	20
BS M 4 x 20	036280	100
SS M 4	013640	100

TSch 1	031916	100
--------	---------------	-----

Q 2	045710	50
Q 3	045720	50
Q 4	045730	50
Q 10	045740	20

VL 2	013590	50
VH 19	028510	50
BS M 3 x 25	029250	100

StB 14	016990	50
PS 4	029960	20

AD 4	017860	50
BSK M 3 x 22	012890	100

StB 14	016990	50
PS 4	029960	20

IH 2.8	038606	100
IH 6.3	038626	100
SN	020010	500

BSTb 10/6	024090	50
BSTb 10/8	024110	50
BSTb 10/12	020950	50

BSTo 10/6	024080	50
BSTo 10/8	024100	50
BSTo 10/12	020940	100

FW 6	046866	500
FS 6	046876	500

See table below

-

400 V/16 A/2,5/1 mm²

6 kV/3

-

-

-

-

-

-

300 V/10 A/24...12 AWG

300 V/10 A/22...10 AWG

Type	Cat. No.	Qty.
MF 1/6 KrG ²⁾	047972	100
MF 1/6 KrG ³⁾	048002	100
MF 1/8 KrG ²⁾	047982	50
MF 1/8 KrG ³⁾	048012	50
MF 1/12 KrG ²⁾	047992	50
MF 1/12 KrG ³⁾	048022	50

MF 1/6 KrG²⁾ **047972** 100

MF 1/6 KrG³⁾ **048002** 100

MF 1/8 KrG²⁾ **047982** 50

MF 1/8 KrG³⁾ **048012** 50

MF 1/12 KrG²⁾ **047992** 50

MF 1/12 KrG³⁾ **048022** 50

See below

8 mm/M 3,5/4,0 x 0,8

400 V/16 A/4 mm²

6 kV/3

0,8...1,6

3

0,5...4

1,5...4

0,5...4

0,5...4

0,5...4

0.33...4.0 / A 3

-

-

Screw/plug 6,3 x 0,8

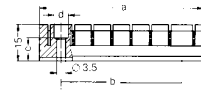
Type	Cat. No.	Qty.
SLS 2/2 KrG	021342	100
SLS 2/4 KrG	024042	50
SLS 2/4 KrG	048032	50

SLS 2/2 KrG **021342** 100

SLS 2/4 KrG **024042** 50

SLS 2/4 KrG **048032** 50

Slotted



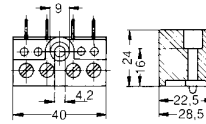
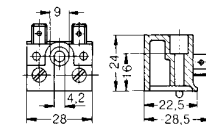
Dimensions

Type	a	b	c	d
MF 1/6	52	34	9,5	6,5
MF 1/8	68	50	9,5	6,5
MF 1/12 113 ^{+0,5}	102	8	7,5	

IH 2.8	038606	100
IH 6.3	038626	100
SN	020010	500

BSTb 10/6	024090	50
BSTb 10/8	024110	50
BSTb 10/12	020950	50

BSTo 10/6	024080	50
BSTo 10/8	024100	50
BSTo 10/12	020940	100



For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

²⁾ Single tab
³⁾ Double tab

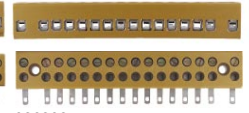
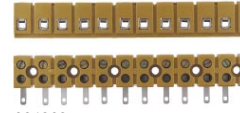
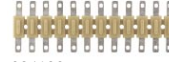
Multipole terminal blocks
Screw, solder, tab connection

MKL 2/12

MF 2/12

MKL 3/12

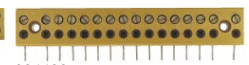
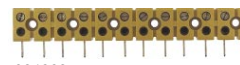
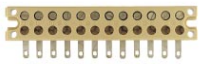
MKL 4/16



024186

024362

026202



024176

024992

024432

Dimensions

Width / length / height (mm)

88/23/15

75/24/6

110/23/16

103/24/16,5

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2,5/3,5 x 0,6

5 mm

5mm/M 2,5/3,5 x 0,6

5mm/M 2,5/3,5 x 0,6

Rated data

Rated voltage/rated current/rated cross-section

125 V/20 A/2,5/1,5/1 mm²

63 V/17,5 A/1,5/1 mm²

400 V*/20 A/2,5/1,5/1 mm²

400 V/20 A/2,5/1,5/1 mm²

Rated impulse voltage VDE 0110/1.89/Pollution severity

2,5 kV/3

1,5 kV/3

6 kV/3

6 kV/3

Further technical data

Tightening torque range Nm

0,4...0,6

0,4...0,6

0,4...0,6

Torque setting with DMS 2 electric screwdriver

1

1

1

Clampable conductor

solid H07V-U mm²

0,5...2,5

0,5...4

0,5...4

stranded H07V-R mm²

1,5...2,5

1,5...2,5

1,5...2,5

flexible H07V-K mm²

0,5...2,5

0,5...2,5

0,5...2,5

flexible H07V-K and AEH DIN 46 228/1 mm²

0,5...2,5

0,5...1,5

0,5...1,5

flexible H07V-K and AEH with plastic collar mm²

0,5...2,5

0,5...1,5

0,5...1,5

Max. Clamping Range in mm² / Gauge pin to IEC 947-1/1988 Size

0,2...2,5 / A 2

0,33...4,0 / A 2

0,33...4,0 / A 2

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

UL / CSA rated data

Voltage / current / conductor size UL

300 V/10 A/24...12 AWG

300 V/25 A/22...12 AWG

300 V/25 A/22...12 AWG

Voltage / current / conductor size CSA

300 V/10 A/24...12 AWG

300 V/25 A/22...12 AWG

150 V/15 A/22...12 AWG

Ordering data

Version

Horizontal 2-pole

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Other numbers of poles available on request 4-pole

MKL 3/2 KrG **027492**** 100

6-pole

MKL 3/4 KrG **027512**** 100

12-pole

MKL 2/12 PA **024136** 50

MKL 3/6 KrG **027532**** 50

16-pole

MKL 3/12 KrG **024362**** 20

MKL 4/16 KrG **026202**) 20

Vertical 2-pole

MKL 3/2 KrG **027602*** 100

Other numbers of poles available on request 4-pole

6-pole

MKL 3/6 KrG **027642*** 50

12-pole

MKL 3/12 KrG **024992*** 20

16-pole

MKL 4/16 KrG **024432** 20

double-sided 2.8 x 0.8

single-sided 0.8 x 1.6/2.8 x 0.8

MF 2/12 PA **024186** 50

MF 2/12 PA **024176** 50

* For terminals mounted directly next to each other, the rated voltage is reduced to 250 V.

** Rated voltage 250 V. For terminals mounted directly next to each other, the rated voltage is reduced to 125 V.

Expansion rivet/insulating sleeve

SN **020010** 500

IH 2.8 **038606** 100

Marking strips

Printed BSTb 28/12 **024570** 50

1 ... Bottom

Top **027850** 50

BSTb 28/4 **028980** 50

BSTb 28/6 **029000** 50

BSTb 28/12 **024590** 50

BSTb 28/16 **026220** 50

unten **027870** 50

oben **027870** 50

unbedruckt BSTo 28/12 **024560** 50

BSTo 28/4 **028930** 50

BSTo 28/6 **028950** 50

BSTo 28/12 **024580** 50

BSTo 28/16 **026210** 50

For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

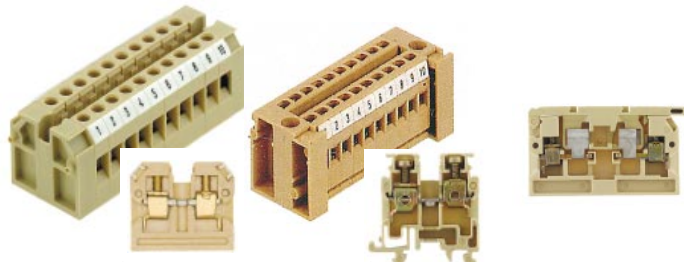
) Rated voltage 250 V












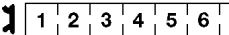
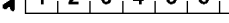
Multipole terminal blocks
Screw, solder, tab connection
Modular design

AKB 4

AKZ 2.5

ASK 1



Max. Technical Data		32 A / 4 mm ²		26 A / 2,5 mm ²		8/58/30,5	
Dimensions							
Width / length / height (mm)		6/27/23		5/25,5/22,6		8/58/30,5	
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3,5 x 0,6		7 mm/M 2,5/3 x 0,5		9 mm/M 3/3,5 x 0,6	
VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1							
Rated voltage / current / cross-section		400 V/32 A/4 mm ²		250 V/24 A/2,5 mm ²		500 V/6,3 A ¹ /4 mm ²	
Rated impulse voltage VDE 0110/1.89/Pollution severity		6 kV/3		4 kV/3		6 kV/3	
Further technical data							
Tightening torque range	Nm	0,5...1,0		0,4...0,7		0,5...1,0	
Torque setting with DMS 2 electric screwdriver		2		1		2	
Clampable conductor							
solid H07V-U	mm ²	0,5...4		0,5...4		0,5...4	
stranded H07V-R	mm ²	1,5...4		1,5...2,5		1,5...4	
flexible H07V-K	mm ²	0,5...4		0,5...2,5		0,5...4	
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...4		0,5...2,5		0,5...2,5	
flexible H07V-K and AEH with plastic collar	mm ²	0,5...4		0,5...2,5		0,5...2,5	
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988	Size	0.33...4.0 / A3		0.13...4.0 / A3		0.13...4.0 / A3	
Continuous current rating of cross-connection	2-pole	A	20	10		(QB 2...4) 10	
Continuous current rating of cross-connection	multipole	A	20	10			
UL / CSA rated data							
Voltage / current / conductor size	UL	300/250 V/27 A/22...12 AWG		300 V/10 A/26...10 AWG		300 V/6,3 A/26...12 AWG	
Voltage / current / conductor size	CSA	300 V/10 A/22...12 AWG		300 V/10 A/26...10 AWG		300 V/6,3 A/26...12 AWG	
Ordering data							
	PA	AKB 4 PA	032156 100	AKZ 2.5	069716 100	ASK 1 PA	037696 100
	Blue PA		032158 100	AKZ 2.5	069718 100		
		Direct mounting with BB 1, please order separately		Direct mounting with BB 1, please order separately		(for G fuse inserts 5x 20 without indicator)	
End plate/attachment bracket (thickness mm)							
	AP	PA	BB 1 (7) 032056 50	BB 4 (7,5) 069756 50			
		Blue PA	BS M 3 x 15 035900 100	AP (2,5) 069736 50	AP (1,5) 038036 20		
				AP (2,5) 069738 50			
Partition (Thickness mm)							
			TW PA (0,5) 034826 50				
Small partition							
			TSch 4 036336 100				
Cross-connection							
	Q 3		Q 2 033640 50	Q 2 036820 50	QB 2 ¹⁾ 046110 50		
			Q 3 033650 50	Q 3 036830 50	QB 3 ¹⁾ 046120 50		
			Q 4 033660 50	Q 4 036840 50	QB 4 ¹⁾ 046130 50		
			Q 10 036860 20	Q 10 036850 20			
Switchable cross-connection link							
	VL		VL 2 044670 50				
	BS		VH 10 044660 50				
	VH		BS M 2,5 x 14 026680 100				
Test plug/Socket							
	PS		StB 8.5 021570 50	StB 8.5 021570 50			
	StB		PS 2.3 018040 20	PS 2.3 018040 20			
Cover/Diode plug							
			AD 4 030340 50				
		contact sleeve	BSK M 2,5x18 030330 100		contact sleeve 055330 100		
Marking strips							
		Consecutive horizontal	FW 6 046866 500	FW 5 047346 500	FW 6.5 046816 500		
		Consecutive vertical	FS 6 046876 500	FS 5 047356 500	FS 6.5 046826 500		

For further accessories see section 3, further marking material see section 8

¹⁾ The conductor cross-section is reduced to max. 2.5 mm² when QB is used

* With contact sleeve 19 A

Feed-through terminals
Screw connection

Solder connection

Tab connection

Spring clip connection iaw. DIN 41 611 Part 4

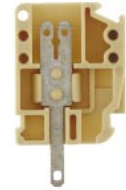
Wrap connection iaw. DIN/IEC 352 Part 1

AKA 2.5

ADK 1

ADK 1 F
ADK 3 F

ADK 1 S



Dimensions

Width / length / height incl. pins (mm)	6/20/31	6/22/36,5	6/22/36,5	6/22/36,5
Length solder tag/pin (mm)	7,8	8,4	8,5/7,5	8,4
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 2,5/3,5 x 0,6	9 mm/M 3,5/3,5 x 0,6	11 mm/M 2,5/3,5 x 0,6	-
Rated data				
Rated voltage/rated current/rated cross-section	400 V/20 A/2,5/1,5 mm ²	400 V/16 A/4/1,5 mm ²	400 V/20 A/2,5/1,5 mm ²	400 V/16 A/2,5/1,5/1 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity	6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data				
Tightening torque range	Nm 0,4...0,6	0,5...1,0	0,4...0,7	-
Torque setting with DMS 2 electric screwdriver	1	2	1	-
Clampable conductor				
solid H07V-U	mm ² 0,5...2,5	0,5...4	0,5...2,5	-
stranded H07V-R	mm ² 1,5...2,5	1,5...4	1,5...2,5	-
flexible H07V-K	mm ² 0,5...2,5	0,5...4	0,5...2,5	-
flexible H07V-K and AEH DIN 46 228/1	mm ² 0,5...1,5	0,5...2,5	0,5...1,5	-
flexible H07V-K and AEH with plastic collar	mm ² 0,5...1,5	0,5...2,5	0,5...1,5	-
Max. Clamping Range in mm ² / Gauge pin to IEC 947-1/1988 Size	0.13...2.5 / A2	0.13...2.5 / A3	0.13...2.5 / A2	0.5...2.5 / -

Continuous current rating of cross-connection 2-pole	A 3	10	-	-
Continuous current rating of cross-connection multipole	A 10	10	-	-

UL / CSA rated data

Voltage / current / conductor size	UL 300 V/20 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/20 A/26...14 AWG	300 V/18 A/12 AWG max.
Voltage / current / conductor size	CSA 300 V/10 A/24...12 AWG	300 V/15 A/26...12 AWG	300 V/15 A/22...14 AWG	300 V/3 A/-

Ordering information

Version	for sheet metal mm:	1,5	Qty.	1,5	Qty.	2,5	Qty.	1,5	Qty.	2,5	Qty.	1,5	Qty.	2,5	Qty.
PA		030072	100												
KrG				030386	100	030106	100	047606	100	047866	100				
EP								035990	100						
Pin 0,6x0,6															
Pin 1,0x1,0															
Pin 0,8x1,6															
FS 1x6,3 slotted/0,8x2,8												047616	100	047856	100
12-pole PA															

End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	KrG	AP (3)	016252	100									
	PA				AP (3)	047626	50	AP (3)	047626	50	AP (3)	047626	50
	EP							AP (3)	036000	20			

Spacer (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	KrG	ZP (1,5)	024072	50								
	KrG	ZP (2,5)	028852	20								

Partition (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		TW (0,5)	044230	50								
					TW (0,5)	044230	50					

Test plug/Socket	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	PS											
	SiB											
		PS 2.3	018040	20								

Fuse pin/insulation sleeve/expansion rivet	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		SST 1.2	030660	-	SST 1.2	030660	-	SST 1.2	030660	-	SST 1.2	030660	-
					IH 2.8	038606	100				IH 2.8	038606	100
											IH 6.3	038626	100

Marking tags	Print	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500	FW 6	046866	500
	Consecutive horizontal												
	Consecutive vertical	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500	FS 6	046876	500

For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

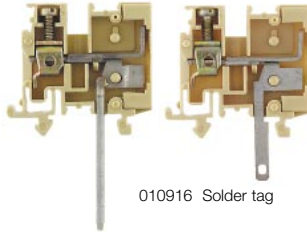
ADK 3 W



ADK 1 T



AKZ 2.5 K

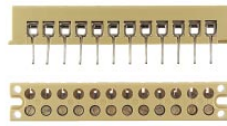


010916 Solder tag

ADK 1 FT



MK 2/12



ADK 3 W			ADK 1 T			AKZ 2.5 K			ADK 1 FT			MK 2/12		
6/22/57,5			6/22/50,5			5/26/45,5			6/22/52			86/15/23		
8,4/21			19,5...21,9			22,4...23,6			24			8		
-			9 mm/M 3/3,5 x 0,6			7 mm/M 2,5/3,0 x 0,5			11 mm/M 2,5/3,5 x 0,6			5		
250 V/8 A/1,5 mm ²			400 V/8 A/4 mm ²			250 V/8 A/2,5 mm ²			250 V/10 A/2,5 mm ²			63 V/20 A/2,5/1,5 mm ²		
4 kV/3			6 kV/3			4 kV/3			4 kV/3			1,5 kV/3		
-			0,5...1,0			0,4...0,7			0,4...0,7			0,4...0,6		
-			2			1			1			1		
-			0,5...4			0,5...2,5			0,5...2,5			0,5...2,5		
-			1,5...4			1,5...2,5			1,5...2,5			1,5...2,5		
-			0,5...4			0,5...2,5			0,5...2,5			0,5...2,5		
-			0,5...2,5			0,5...2,5			0,5...1,5			0,5...2,5		
-			0,5...2,5			0,5...2,5			0,5...1,5			0,5...2,5		
-			0.13...4.0 / A3			0.13...2.5 / A2			0.33...2.5 / A2			0.2...2.5 / A2		
-			10			10			-			-		
-			300/250 V/10 A/26...12 AWG			300/250 V/10 A/22...12 AWG			-			300 V/10 A/24...12 AWG		
300 V/15 A/-			300 V/15 A/26...12 AWG			300 V/10 A/26...10 AWG			300 V/3 A/22...14 AWG			300 V/10 A/24...12 AWG		
1,5	Qty.		1,5	Qty.	2,5	Qty.	1,5	Qty.	1,5	Qty.	2,5	Qty.	Cat. No.	Qty.
							010916	Solder tag						
			052146	100	051766	100								
035980	100		037236	100	037226	100	010896	100	017696	100	017706	100		
			036636	100	036626	100	010906	100						
													024146	50
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.			
AP (3)	036000	20	AP (3)	047626	50	AP (3)	069726	50	AP (3)	047626	50			
TW (0,5)	044230	50	TW (0,5)	044230	50	TW (1,5)	031856	20	TW (0,5)	044230	50			
			PS 2.3	018040	20	PS 2.3	018040	20						
						SiB 8.5	021570	50						
SST 1.2	030660	-	SST 1.2	030660	-				SST 1.2	030660	-			
IH 2.8	038606	100												
FW 6	046866	500	FW 6	046866	500	FW 5	047346	500	FW 6	046866	500	BSTb 28/12	024570	50
FS 6	046876	500	FS 6	046876	500	FS 5	047356	500	FS 6	046876	500	BSTo 28/12	024560	50

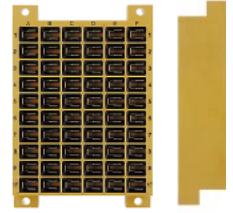
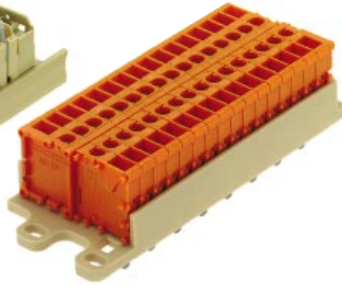
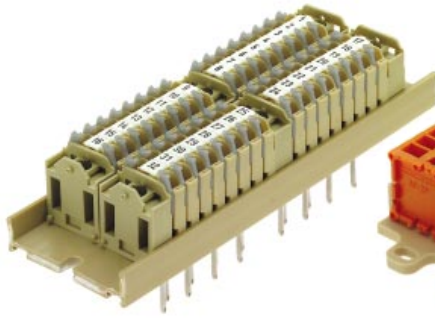
Rack mounted interface system

DSG 1.5 T/32

TOP 1.5 F/32

**SP 10 FF²⁾
SP 10 LF³⁾**

**SP 60 FF²⁾
SP 60 LF³⁾**



Dimensions

Width / length / height (mm)		40,5/128,4/43	40,2/110,6/29,5	42/46,5/170/28	40/45,5/162,5/110
Hole spacing/attachment dimensions	mm	122,4	101,6/20,3	147	151/90
Insulation stripping length/clamping screw/screwdriver blade		12 mm	10 mm/M 2,5/3,5 x 0,6		
Rated data					
Rated voltage/rated current/rated cross-section		250 V/10 A/1,5 mm ²	250* V/6 A/1,5/1 mm ²	1000* V/16 A/2,5/1,5 mm ²	400* V/16 A/2,5/1,5 mm ²
Rated impulse voltage VDE 0110/1.89/Pollution severity		4 kV/3	4 kV/3	6 kV/3	6 kV/3
Further technical data					
Tightening torque range	Nm		0,4...0,7		
Torque setting with DMS 2 electric screwdriver			1		
Clampable conductor					
solid H07V-U	mm ²	0,5...2,5	0,5...2,5		
stranded H07V-R	mm ²	1,5	1,5		
flexible H07V-K	mm ²	0,5...1,5	0,5...1,5		
flexible H07V-K and AEH DIN 46 228/1	mm ²	0,5...1,5	0,5...1,5		
flexible H07V-K and AEH with plastic collar	mm ²	0,5...1,5	0,5...1,5		
Plug gauge according to 947-1	Size	A1	A1		

Continuous current rating of cross-connection 2-pole	A				
Continuous current rating of cross-connection multipole	A				

UL / CSA rated data

Voltage / current / conductor size	UL	-	-	300/250 V/10 A/-	300/250 V/10 A/-
Voltage / current / conductor size	CSA	-	-	-	-

Ordering data

	Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Pin 1.0 x 1.0	PA				TOP 1.5 F/32	044316¹⁾	5						
Pin 0.8 x 2.8 (push-on), unprinted	PA				TOP 1.5 F/32	026536	10						
Pin 0.8 x 2.8 (push-on), printed, 1...32	PA				TOP 1.5 F/32	030156	10						
Pin 0.8 x 2.8 (push-on), printed, 1...32, blue	PA				TOP 1.5 F/32	030158	10						
6 x plug (6.3 x 0.8)	KrG							SP 10 FF	045622	10	SP 60 FF ⁴⁾	034032	1
6 x plug (6.3 x 0.8), blue	KrG										SP 60 FF ⁴⁾	034037	1
6 x plug (6.3 x 0.8), or 12 x 2.8 x 0.8 slotted	KrG										SP 60 FF ⁴⁾	060902	1
6 x plug (6.3 x 0.8), or 12 x 2.8 x 0.8 slotted, blue	KrG												
3 x plug (6.3 x 0.8)/1 x solder per pole	KrG							SP 10 LF	048052	10	SP 60 LF ⁴⁾	034372	1
3 x plug (6.3 x 0.8)/1 x solder per pole, blue	KrG										SP 60 LF ⁴⁾	034377	1
3 x plug (6.3 x 0.8 or 6 x 2.8 x 0.8)/1 x solder	KrG										SP 60 LF ⁵⁾	012452	1
3 x plug (6.3 x 0.8 or 6 x 2.8 x 0.8)/1 x solder, blue	KrG										SP 60 LF ⁵⁾	012457	1
2 x direct connection, 1 x pin 0.8 x 1.6	PA	DSG 1.5 T/32	063086	5									

printed:
⁴⁾ A...F / 1...10
⁵⁾ 00...50 / 1...10

Insulation sleeve

	Type	Best-Nr.	Qty.	Type	Best-Nr.	Qty.	Type	Best-Nr.	Qty.	Type	Best-Nr.	Qty.
				IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100
							IH 6.3	038626	100	IH 6.3	038626	100

Marking tags

	Print	Type	Best-Nr.	Qty.	Type	Best-Nr.	Qty.
dekafix	For group markers	FW 5	047346	500	FW 5	047346	500

For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

¹⁾ Rated voltage 125 V

²⁾ FF=Tab - Tab

³⁾ LF=Solder - Tab

SP 90 FF²⁾
 SP 90 LF³⁾



40/45,5/228,5/110
 217/90

400* V/16 A/2,5/1,5 mm²
 6 kV/3

300/250 V/10 A/-

Type Cat. No. Qty.

SP 90 FF**	024812	1
SP 90 FF**	024817	1
SP 90 FF**	060892	1
SP 90 FF**	060897	1
SP 90 LF**	024822	1
SP 90 LF**	024827	1

Print:

** A...F / 1...15

Type	Cat. No.	Qty.
IH 2.8	038606	100
IH 6.3	038626	100

²⁾ FF = Tab - Tab
³⁾ LF = Solder - Tab

Rack mounted interface system

RV 8/8 long

RV 8/8 short

RV 8/9 long

RV 8/9 short



Technical data according to VDE

Pin versions (internal)

0,8 x 2,4/1 x 1
0,8 x 2,4/0,8 x 2,4

Plug adapter



1-pole

for connection of solid and flexible solid conductors from 0.75 to 1.5 mm² directly on to the pins of the interface system.

125 V~/~		
Cat. No.	Qty.	
046886	1	
046896	1	

Type	Cat. No.	Qty.
DSA 1	057606	50

125 V~/~		
Cat. No.	Qty.	
046716	1	
046726	1	

Type	Cat. No.	Qty.
DSA 1	057606	50

105 V~/~		
Cat. No.	Qty.	
049896	1	
049906	1	

With shield pins		
Type	Cat. No.	Qty.
DSA 1	057606	50

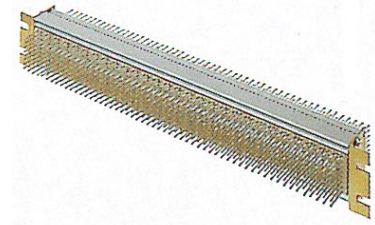
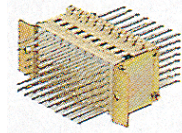
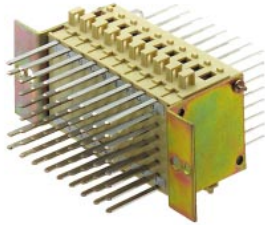
125 V~/~		
Cat. No.	Qty.	
044406	1	
054596	1	

With shield pins		
Type	Cat. No.	Qty.
DSA 1	057606	50

RV 4/9 short

RV 8/20 short

RV 8/56 short



Technical data according to VDE

Pin versions (internal)

0,8 x 2,4/1 x 1
0,8 x 2,4/0,8 x 2,4

Plug adapter



1-pole
8-pole

for connection of solid and flexible solid conductors from 0.75 to 1.5 mm² directly on to the pins of the interface system.

Additional versions available on request

125 V~/~		
Cat. No.	Qty.	
137896	1	
138296	1	

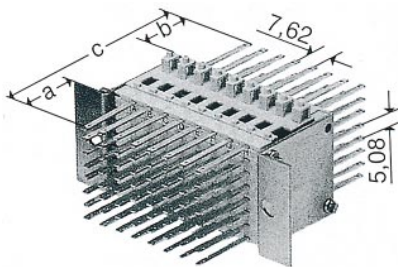
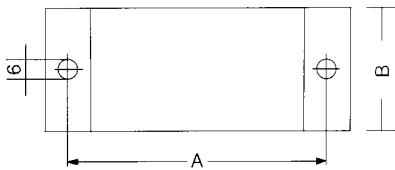
With potential compensation		
Type	Cat. No.	Qty.
DSA 1	057606	50
DSA 1/8	014076	40

125 V~/~		
Cat. No.	Qty.	
011936	1	
054446	1	

Type	Cat. No.	Qty.

125 V~/~		
Cat. No.	Qty.	
046226	1	
053306	1	

Type	Cat. No.	Qty.



Type	Size A	Size B
	in mm	in mm
RV 8/8 K	81	40,64
RV 8/9 K	89	40,64
RV 8/8 L	93	40,64
RV 8/9 L	100	40,64
RV 8/20 K	187,62/31,5	63
RV 8/56 K	460/31,5	63

(K = short/L = long)

Bestell.-Nr.	RV	a	b	c
046886	8/8 L	26	20	200
046896	8/8 L	26	26	206
049896	8/9 L	26	20	200
049906	8/9 L	26	26	206
046716	8/8 K	26	20	84
046726	8/8 K	26	26	89
044406	8/9 K	26	20	84
054596	8/9 K	26	26	89
011936	8/20 K	26	20	84
054446	8/20 K	26	26	89
046226	8/56 K	26	20	84
053306	8/56 K	26	26	89
137896	4/9 K	26	20	84
138296	4/9 K	26	26	89

For further accessories see section 3, further marking material see section 8