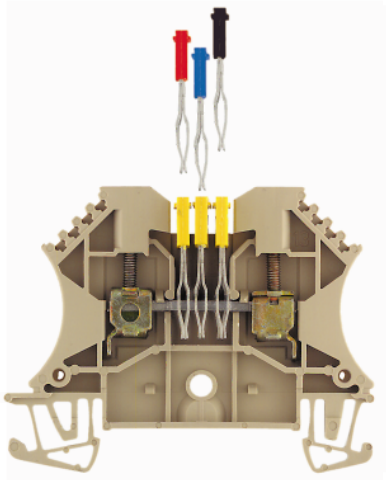
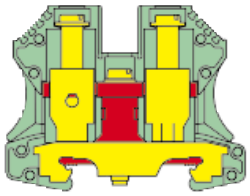
New in this catalogue

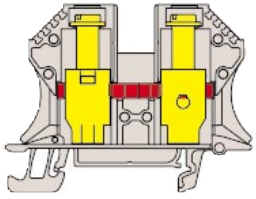
W-Series



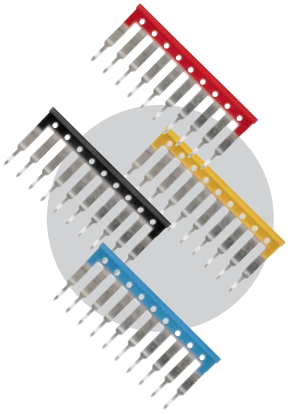
Pluggable cross-connections for
WDU 2.5 Page 2/4



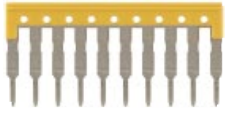
Installation terminal blocks
WPE 35 N Page 2/14



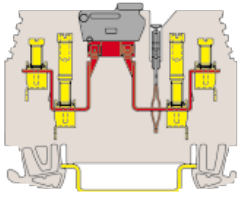
Installation terminal blocks
WDU 35 N Page 2/9



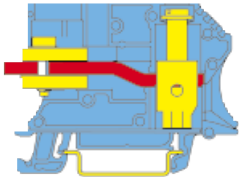
different colour versions
ZQV Cross-connections Page 2/5



Cross-connections Page 2/4

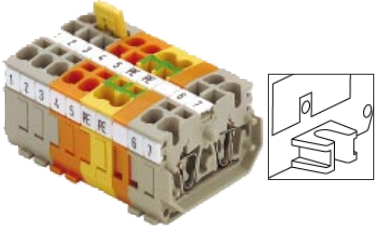


Disconnect test terminal blocks
WTR 2.5/ZZ Page 2/23

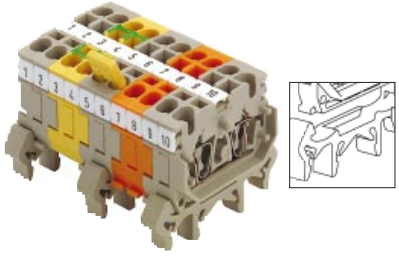


Installation terminal blocks
WNT 35 N Page 2/17

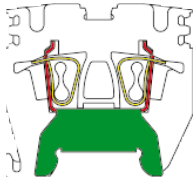
Z- Series
Miniblocks in tension clamp technology



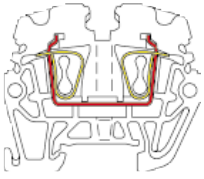
ZDUB 2.5-2 Direct mounting Page 2/57



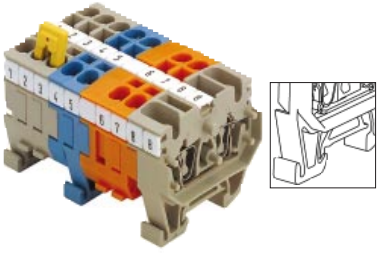
ZDUB 2.5-2 TS15/TS35 Page 2/57



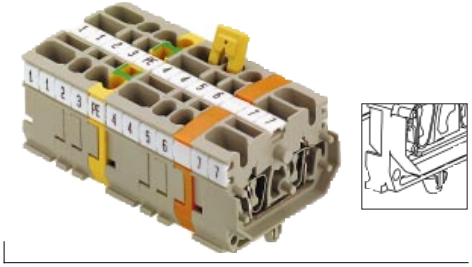
ZPEB 2.5-2/2AN TS15 Page 2/59



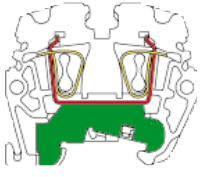
ZDUA 2.5-2 TS15 Page 2/59



ZDUB 2.5-2 TS15 Page 2/57



ZDUB 2.5-2 Rastclip Page 2/57

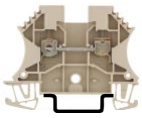


ZPEA 2.5-2 TS15 Page 2/59

Terminals

W Series - Innovative terminals made of inflammable polyamide

Feed-through terminal blocks in Wemid for TS 35



WDU 2.5

Page 2/5

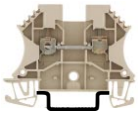
WDU 2.5/10

Page 2/5

WDU 2.5N
WDU2.5N/10/BEZ
Page 2/6

WDU 1.5/ZZ
Page 2/6

WDU 2.5/1.5/ZR
Page 2/6



WDU 2.5
WDU 2.5/10/BEZ
Page 2/6

WDK 2.5
WDK 2.5/10/BEZ
Page 2/7

WDK 2.5
800 V
Page 2/7

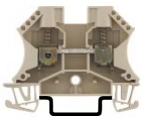
WDK 2.5 V
Page 2/7

WDK 2.5 DU-PE
Page 2/7

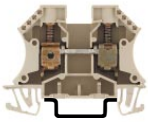
WDK 2.5 E
WDK 2.5 E GET.SCH.
Page 2/7

WDU 4
WDU 4/10/BEZ
Page 2/7

WMA 4/5
WMA 4/4
Page 2/8



WDU 6
WDU 6/10/BEZ
Page 2/8



WDU 10
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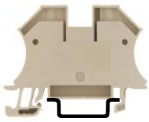
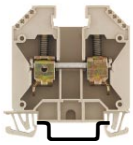
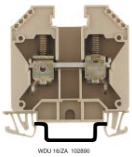


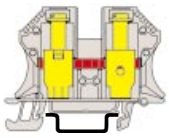
WDU 16N
Page 2/8



WDU 16
Page 2/9

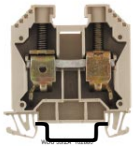


WDU 16/ZA
with lug
Page 2/9



WDU 35N
Page 2/9

WDU 35
Page 2/9

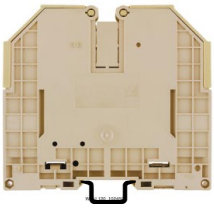


WDU 35/ZA
with lug
Page 2/9

WDU 70N
Page 2/9

WDU 70/95
Page 2/10

WDU 70/95/...
Block of three
Page 2/11

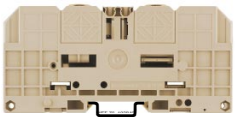


WDU 120/150
Page 2/11

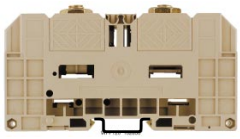
WDU 120/150/...
Block of three
Page 2/11

Tab connection terminals in Wemid for TS 35

WFF 35
M 6
Page 2/12



WFF 70
M 8
Page 2/12



WFF 120
M10
Page 2/13

WFF 185 M 12 / WFF 185 M 16
M 12 / M 16
Page 2/13

WFF 300
M 16
Page 2/13

Protective conductor terminal blocks in Wemid for TS 35

WPE 2.5N

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WPE 1.5/ZZ

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WPE 2.5

Page 2/14

WPE 2.5/1.5/ZR

Page 2/14

WDK 2.5 PE

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WDK 2.5 DU-PE

Page 2/15

WPE 4

Page 2/15

WPE 6

Page 2/15

WPE 10

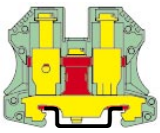
Page 2/14

WPE 16N

Page 2/14

WPE 16

Page 2/14



WPE 35N

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WPE 35

Page 2/15

WPE 70N

Page 2/15

WPE 70/95

Page 2/15

WPE 120

Page 2/15

Isolating neutral terminal blocks in Wemid for TS 35

WNT 2.5

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WNT 4

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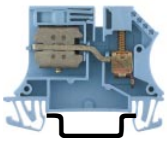

WNT 6

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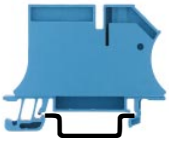
WNT 10

Page 2/16



WNT 16N

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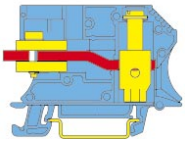

WNT 35 N

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WNT 70N

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

WDL 2.5 S/NT/L/PE

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WDL 2.5 S/L/L

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WDL 2.5 S-Blocks

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WDL 2.5 S/N

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WDL 2.5 S/L

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WDL 2.5 S/N/L

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WDL 2.5 S/N/L/PE

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WDL 2.5 S/L/L/PE

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

WDL 2.5/NT/L/PE

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WDL 2.5/L/L

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WDL 2.5/N

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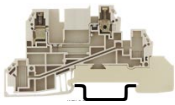

WDL 2.5/L

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WDL 2.5/N/L

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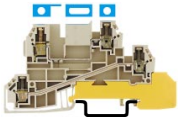

WDL 2.5/N/L/PE

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WDL 2.5/L/L/PE

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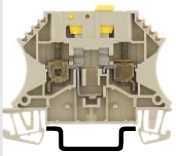
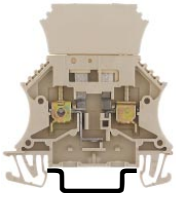
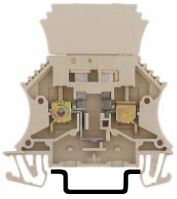
Disconnect test terminal blocks in Wemid



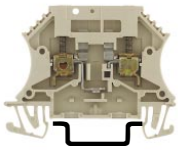
WTR 2.5
Take-out disconnect
Page 2/22



WTR 2.5 D
with diode plug
Page 2/22



WTR 2.5 D
with diode plug and socket type StB 2.3
Page 2/22



WTR 2.5
without breaker
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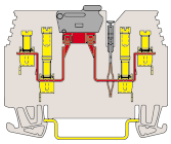

WTR 2.5/ZZ
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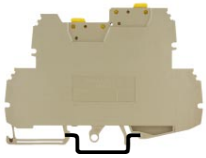

WDTR 2.5
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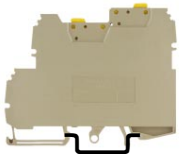
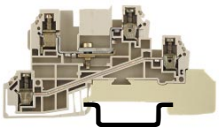


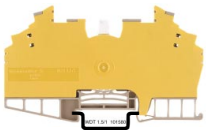
WDTR 2.5/WE
Page 2/23



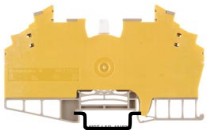
WDL 2.5TR-DU-PE
Page 2/23

WDL 2.5TR-DU
Page 2/23

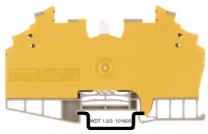
SAKC 4/35
Page 2/23



WDT 1.5/1
current measuring
Page 2/24

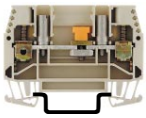


WDT 1.5/2
insulation measuring
Page 2/24



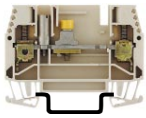
WDT 1.5/3
insulation measuring
Page 2/24

Disconnect test terminal in wemid for TS 35 and TS 32

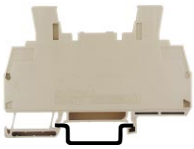


WTL 6/1/STB
Longitud. disconnect
Page 2/30

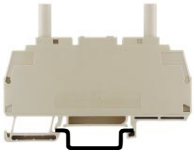
WTD 6/1
Feed-through
Page 2/30



WTQ 6/1
Cross disconnect
Page 2/31

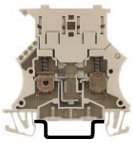


WTL 6/2
Longit. disconnect
Page 2/31

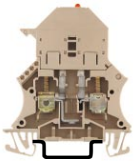


WTL 6/3/STB
Safety socket
Page 2/31

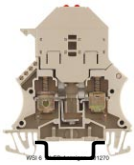
Fuse terminals in Wemid for TS 35



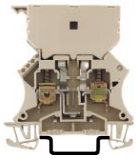
WSI 6
for metric fuses
Page 2/32



WSI 6 LD
with LEDs for VAC/VDC
Page 2/32



WSI 6/2 LD
with 2 LEDs for VDC
Page 2/32



WSI 6/2
for inch fuses
Page 2/32

WSI 6/2 / LED
for inch fuses VAC/VDC
Page 2/33

WSI 6/2 / 2 LED's
for inch fuses VDC
Page 2/33

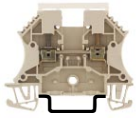
Fuse terminals in Wemid for TS 35

SAKS 4/35
für D 01-fuses E 14
Page 2/33

SAKS 2/35
für D-fuses E 16
Page 2/33

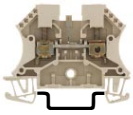
SAKS 5/35
für D 02-fuses E 18
Page 2/33

Thermocouple terminals



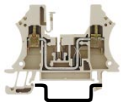
WDU 2.5/TC
Types K,T,J,S+R,B,E
Page 2/34

Terminals with plug-in connection WSA



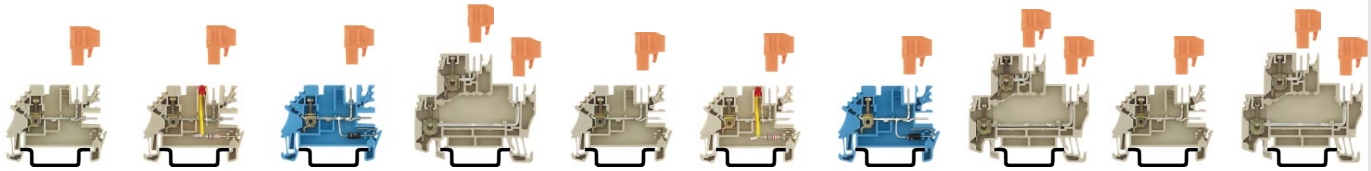
WDU 4 SA
400 V
Page 2/35

Terminal housing to take electronic components



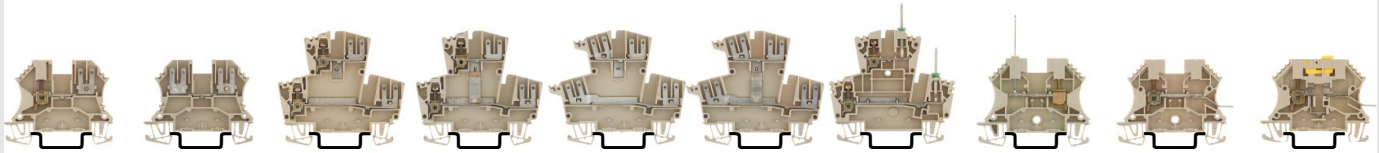
WPO
Page 2/35

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

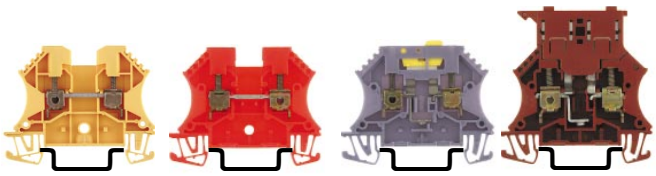


WDU 2.5 F	WDU 2.5 FF	WDK 2.5 F	WDK 2.5 FV	WDK 2.5 FF	WDK 2.5 FFV	WDK 2.5 T WDK 2.5 TT	WDU 2.5 T	WDU 2.5 L WDU 2.5 LL	WTR 2.5 L WTR 2.5 LL
Page 2/38	Page 2/38	Page 2/38	Page 2/38	Page 2/39	Page 2/39	Page 2/39	Page 2/39	Page 2/39	Page 2/39

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

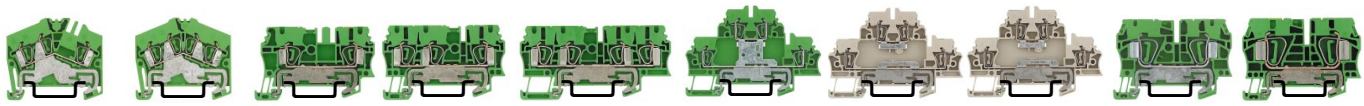
Z Series - Innovative terminals with tension clamp connection

Feed-though terminals in Wemid for TS 35

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	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
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/LD/2	ZDK 2.5/1.5/D/1…6
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

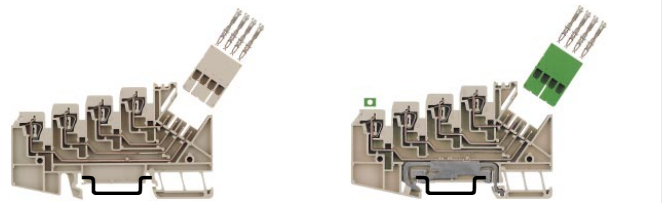
Disconnect test terminals in Wemid for TS 35

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

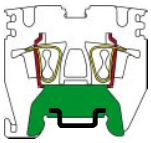
Protective earth terminal with connector socket

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

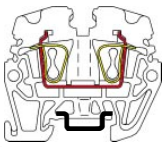
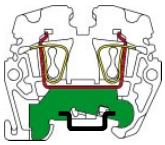
Feed-through terminal with connector socket

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

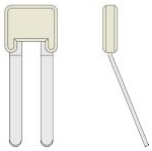
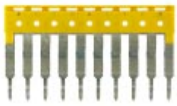
Miniblock terminals

						
ZDUB 2.5-2/2AN	**ZDUB 2.5-2/4AN**	**ZDUB 2.5-2/2AN**	**ZDUB 2.5-2/4AN**	**ZDUB 2.5-2/2AN**	**ZDUB 2.5-2/4AN**	**ZPEB 2.5-2/2AN**
Direct mounting	Direct mounting	Snap-in clips	Snap-in clips	TS 15	TS 15	TS 15
Page 2/58	Page 2/58	Page 2/58	Page 2/58	Page 2/59	Page 2/59	Page 2/59

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

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

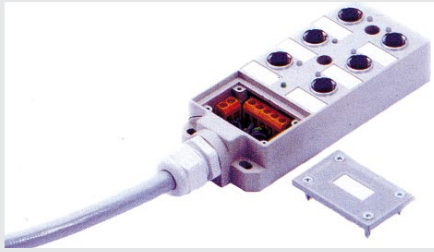
Accessories for the Z Series

						
ZZA 2.5	**ZBW**	**ZST**	**ZQB 2.5**	**SFEH**	**ZDUS**	**ZQV 2.5/50**
Additional connection	Spring displacer	Mounting block	Cross-connection bridge	Wrap pins	Shielded cable terminal	Cross-connection
Page 2/60	Page 2/60	Page 2/60	Page 2/60	Page 2/61	Page 2/61	Page 2/61

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

ZIA 1,5/3 L	**ZIA 1,5/3 L-BE**	**ZVL 1.5**	**ZPV 1.5**
ZIA 1,5/4 L	**ZIA 1,5/4 L-BE**	Distribution strip	
Terminal base 3-way / 4-way	Terminal base 3-way / 4-way		
Page 2/64	Page 2/65	Page 2/67	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

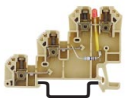
Miniature circular connectors
SAIS-5/7
Page 2/69

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

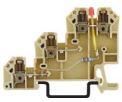
DL-, VL series
Innovative terminals with several connection levels

Feed-through terminals for initiators and actuators

DLI 2.5
Page 2/70

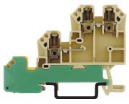


DLI 2.5/LD
with LED (NPN)
Page 2/70

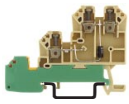


DLI 2.5/LD
with LED (PNP)
Page 2/70

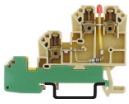
DLD 2.5
Page 2/70



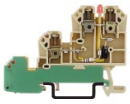
DLA 2.5
Page 2/71



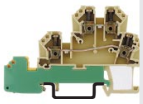
DLA 2.5/D
with Diode
Page 2/71



DLA 2.5/LD
with LED
Page 2/71

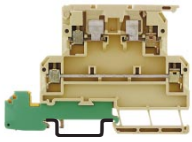


DLA 2.5/LD/D
with LED+Diode
Page 2/71



DLD 2.5/PE
Page 2/71

Feed-through terminals for initiators and actuators



KDKS 1/PE
Page 2/71

VLI 1.5
Page 2/72

VLI 1.5/PE
Page 2/72

Feed-through terminals for motors

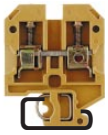
MAK 2.5
Page 2/72

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
Page 2/74

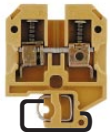
SAK 2.5
6 mm width
Page 2/74



SAKD 4
Page 2/74

DK 4 Q
Page 2/74

DK 4 QV
Page 2/75



SAK 6 N
Page 2/75

SAK 10
Page 2/75

SAK 16
Page 2/75

SAK 35 N
Page 2/76

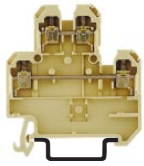
SAK 35
Page 2/76

SAK 70
Page 2/76

SAK 95
Page 2/76

Feed-through terminals for thermocouples

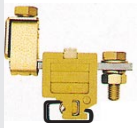
SAK 2.5 TC
Page 2/78



DK 4 TC
Page 2/78

Stud terminals in KrG for TS 32

SAKG 28 I	SAKG 28 II	SAKG 28 II G	SAKG 28 III	SAKG 32 I	SAKG 32 II	SAKG 32 II G	SAKG 32 III	SAKG 70 II G
M 6	M 6	M 6	M 6	M 8	M 8	M 8	M 8	M 8
Page 2/79	Page 2/79	Page 2/80	Page 2/80	Page 2/80	Page 2/80	Page 2/81	Page 2/81	Page 2/81



SAKG 40 I	SAKG 40 II	SAKG 40 II G	SAKG 40 III	SAKG 46 II	SAKG 46 II G	SAKG 54 II	SAKG 54 II G	SAKG 46/I AL
M 10	M 10	M 10	M 10	M 12	M 12	M 16	M 16	M 12/M14
Page 2/81	Page 2/81	Page 2/81	Page 2/82	Page 2/82	Page 2/82	Page 2/82	Page 2/83	Page 2/83

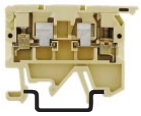
Stud terminals in KrG for TS 32

SS 6	SS 8 / SS 10	SS 12	KST 5	KST 6	KST 8	KST 10	KST 12	ST 5 / STSL 5
M 6	M 8 / M 10	M 12	M 5	M 6	M 8	M 10	M 12	with / without solder connection
Page 2/84	Page 2/84	Page 2/84	Page 2/85	Page 2/85	Page 2/85	Page 2/85	Page 2/85	Page 2/85

PE terminals in PA 66 for TS 32

EK 2.5 N	EK 4	EK 10	EK 16	EK 35	EK 2	SAKE 35	SAKE 70
					10 mm^2		
Page 2/86	Page 2/86	Page 2/86	Page 2/86	Page 2/87	Page 2/87	Page 2/87	Page 2/87

Fuse terminals for TS 32

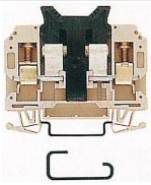


ASK 1
5 x 20
Page 2/88

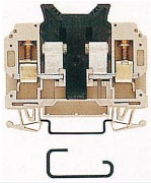
KDKS 1
5 x 20 + Durchg.-Ebene
Page 2/88

SAKS 1 / SAKS 1/35
5 x 20
Page 2/88

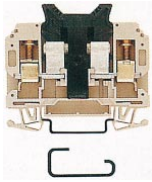
SAKS 1/G 25 Neon lamp
5 x 25
Page 2/88



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

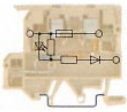
SAKS 5 • SAKS 5/35
Neozed D 02
Page 2/90

SAKS 2
Diazed E 16
Page 2/91

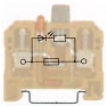
SAKS 4 USA, Frankr.
10,3x38,1
Page 2/91

Fuse terminals with indicator

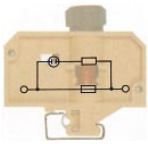
ASK 1 LD
Page 2/91



KDKS 1
Page 2/91



SAKS 1
Page 2/92

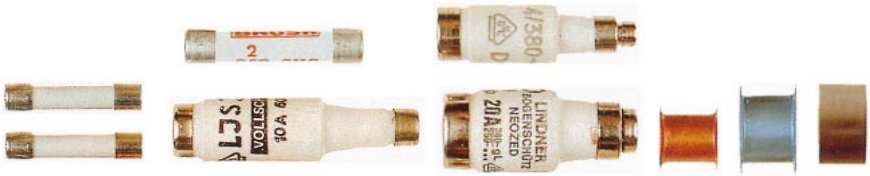


SAKS 4
Page 2/92

SAKS 6
Page 2/92

SAKS 7
Page 2/92

Fuse cartridges and gauge rings for Weidmüller fuse terminals



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

Pressure connectors for TS 32

SV 2
Page 2/94

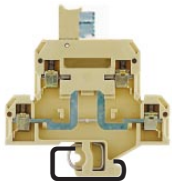
SV 3
Page 2/94

Disconnect terminals for TS 32

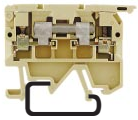
SAKR
4 mm²
Page 2/95

SAKR-D
with diode plug DLS 2
Page 2/95

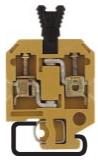
DKT 4
Page 2/95



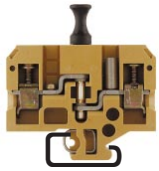
DKT 4 V
Page 2/95



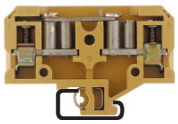
ASK 1
Page 2/95



SAKC 4 / SAKC 4/35
4 mm²
Page 2/96

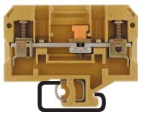


SAKC 10 / SAKC 10/35
10 mm²
Page 2/96



SAKA 10
Page 2/96

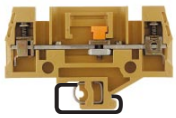
SAKB 10
Page 2/96



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

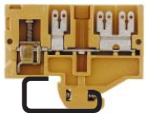
Page 2/99

AST 3

Page 2/99

AST 4

Page 2/99



AST 5

Page 2/99

SAK 4 S

Page 2/100

SAK 4 SS

Page 2/100

SAKR F

Page 2/100

DK 4 S

Page 2/101

DK 4 S

only 2,8 mm

Page 2/101

SAK 2.5 T

1 x 1 Pin

Page 2/102

SAK 2.5 T

0,8 x 1,6 Pin

Page 2/102

SAK 2.5 T

0,8 x 2,4 Pin

Page 2/102

DK 4 T / DK 4 QT

1 x 1 Pin

Page 2/103

DK 4 T / DK 4 QT

0,8 x 1,6 Pin

Page 2/103

DK 4 T / DK 4 QT

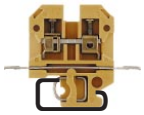
0,8 x 2,4 Pin

Page 2/103

SAKR T

1x1, 0,8x1,6, 0,8x2,4

Page 2/103



SAK 2.5/M.LS

with shield connection

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SAK 2.5 L

Page 2/105

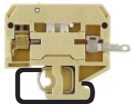
SAK 2.5 LL

Page 2/105

SAKR L

with Disconnector

Page 2/105



SAKR L

with 1 x StB. ø 2,3 mm

Page 2/106

SAKR L

with 2 x StB. ø 2,3 mm

Page 2/106

SAKR LL

with Disconnector

Page 2/106

SAKR LL

with 2 x StB. ø 2,3 mm

Page 2/106

TAL

Disconn., 2 solder conn.

Page 2/107

TAL

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

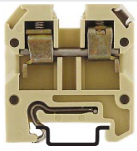
Page 2/107

SAKK 10

for TS 32

Page 2/107

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



AKZ 4/TC

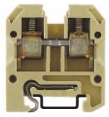
Page 2/114

AKZ series
Feed-through terminals for space saving assembly

Feed-through- , PE- ,Fuse- and Disconnect terminals for TS 15

AKZ 1.5
Page 2/108

AKZ 2.5
Page 2/108



AKZ 4
Page 2/108

AKZ 4
for test adapter
Page 2/108

AK 4 • AK 4/10
Page 2/109

AKE 2.5
Page 2/109

AKE 4
Page 2/109

AKE 4 MS
Page 2/109

ASK 1
5 x 20
Page 2/109

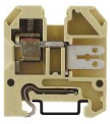
SAKR
2 x StB ø 2,3 mm
Page 2/109

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

AKZ 4 SS
6,3 mm slotted
Page 2/110

AKZ 4 SS
4 x 2,8 mm
Page 2/110

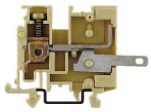
AKZ 4 S
Srew-2x2,8mm
Page 2/110



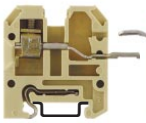
AKZ 4 SF
Page 2/110

AL 1
Page 2/111

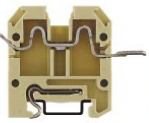
AKZ 1.5 L
Page 2/111



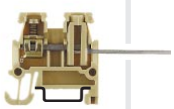
AKZ 2,5 K
Page 2/111



AKZ 4 L
Page 2/111



AKZ 4 LL
Pin 0,8 x 1,6
Page 2/111

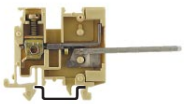


AKZ 1,5 T
Pin 1 x 1
Page 2/112

AKZ 1,5 T
Pin 0,8 x 1,6
Page 2/112

AKZ 2,5 K
Pin 0,8 x 1,6
Page 2/112

AKZ 2,5 K
Pin 0,8 x 1,6
Page 2/113



AKZ 2,5 K
Pin 0,8 x 1,6
Page 2/113

AKZ 4 T
1 x 1
Page 2/113

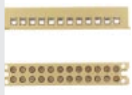
AKZ 4 T
0,8 x 1,6
Page 2/113

AKZ 4 T
0,8 x 2,4
Page 2/113

AKZ 4 ST
0,8 x 1,6
Page 2/113

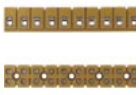
MK-, BK series
Multipole terminal blocks and Feed-through terminals for direct mounting

Multipole terminal blocks for direct mounting

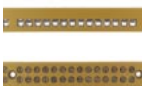


MK 2/12
2,5 mm²
Page 2/115

MK 10/14
2,5 mm²
Page 2/115



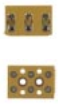
MK 3/12
2,5 mm²
Page 2/115



MK 4/16
2,5 mm²
Page 2/115

MK 5/2
2,5 mm²
Page 2/116

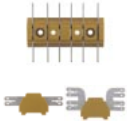
KS 2 ... 10
2,5 mm²
Page 2/116



BK 2 ... 12
4 mm²
Page 2/116

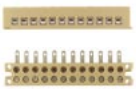
MK 6/2 ... 6/6
6 mm²
Page 2/116

MDM 10/1
Page 2/117



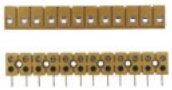
MF 1/6 ... 1/12
also with single tab
Page 2/117

SLS 2 4+2poles
Page 2/117

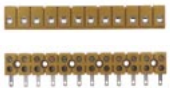


MKL 2/12
Page 2/118

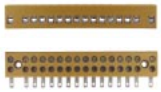
MF 2/12
Page 2/118



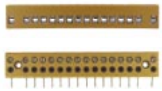
MKL 3/12 2-12poles
vertical
Page 2/118



MKL 3/12 2-12poles
horizontal
Page 2/118



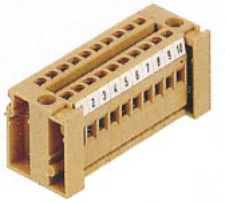
MKL 4/16
horizontal
Page 2/118



MKL 4/16
vertical
Page 2/118

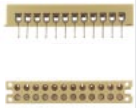
MK-, BK series
Multipole terminal blocks, Screw, solder, tab connection modular design

Feed-through and fuse terminals for Screw connection

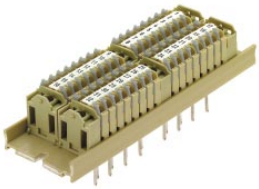
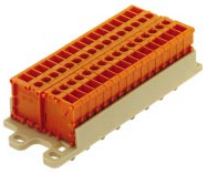
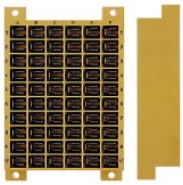
		
AKB 4	**AKZ 2.5**	**ASK 1**
		5 x 20
Page 2/119	Page 2/119	Page 2/119

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**
							with Solder tag		
Page 2/120	Page 2/120	Page 2/120	Page 2/120	Page 2/121	Page 2/121	Page 2/121	Page 2/121	Page 2/121	Page 2/121

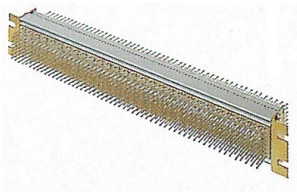
Rack mounted interface systems

				
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	Top-Screw - 0,8 x 2,8	3 x 0,8x6,3 - 3 x 0,8x6,3	3 x 0,8x6,3 - 3 x 0,8x6,3	3 x 0,8x6,3 - 3 x 0,8x6,3
Page 2/122	Page 2/122	Page 2/122	Page 2/122	Page 2/123

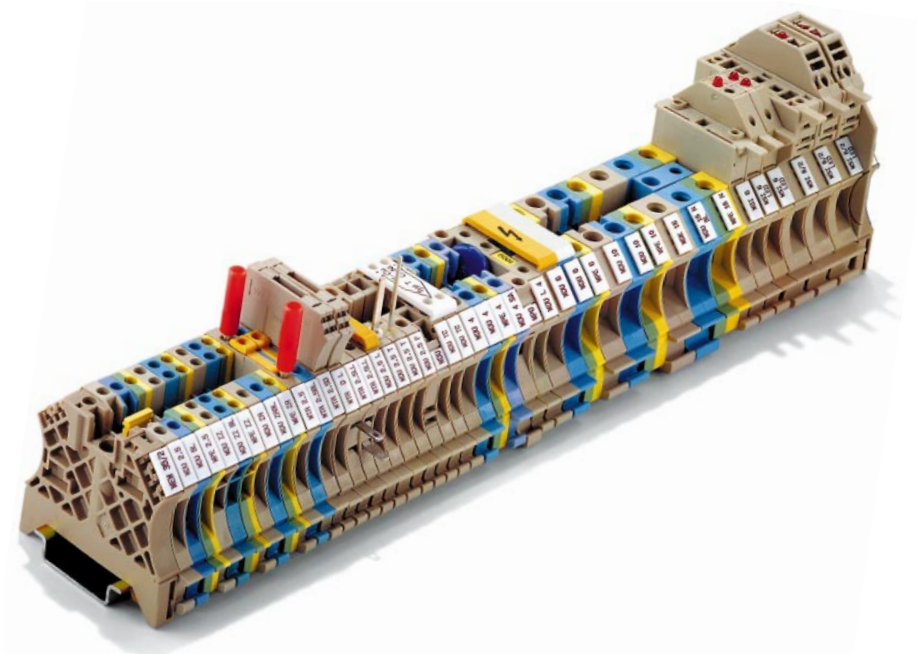
RV series
Interface system for high density wiring

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 8/9** long	**RV 8/9** short	**RV 8/9** short
64x0,8x2,4 - 1x1	64x0,8x2,4 - 0,8x2,4	64x0,8x2,4 - 1x1	64x0,8x2,4 - 0,8x2,4	72x0,8x2,4 - 1x1	72x0,8x2,4 - 0,8x2,4	72x0,8x2,4 - 1x1	72x0,8x2,4 - 0,8x2,4
Page 2/124	Page 2/124	Page 2/124	Page 2/124	Page 2/124	Page 2/124	Page 2/124	Page 2/124

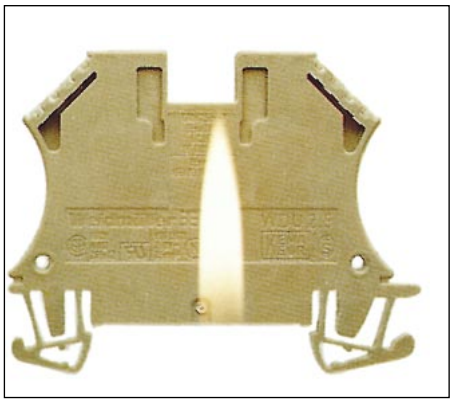
		
RV 4/9 short	**RV 8/20** short	**RV 8/20** short	**RV 8/56** short	**RV 8/56** short
	160x0,8x2,4 - 1x1	160x0,8x2,4 - 0,8x2,4	448x0,8x2,4 - 1x1	448x0,8x2,4 - 0,8x2,4
Page 2/124	Page 2/124	Page 2/124	Page 2/124	Page 2/124

Advantages of Weidmüller terminal blocks



30 years of Weidmüller´s know-how were put into the **W**eidmüller **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



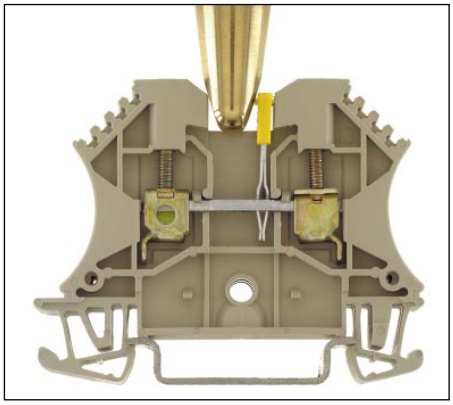
Common features of all variants are:

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

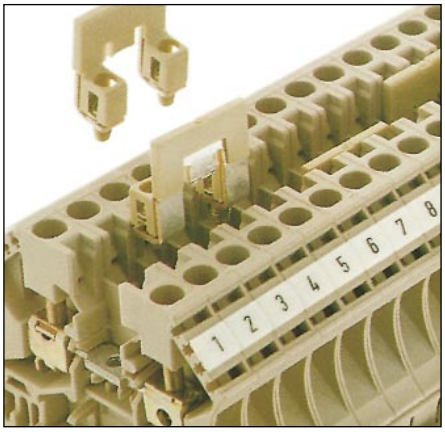
- Clamping yoke system
- Tension spring connection
- Push-on connection
- Wire-wrap connection®
- TERMI-POINT connection®
- Solder connection

Clear marking of incoming and out-going conductors with **dekafix** and **WS 10/ WS 12**

Cross connection system

- Prefitted units 2, 3, 4 and 10-pole.

- 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.

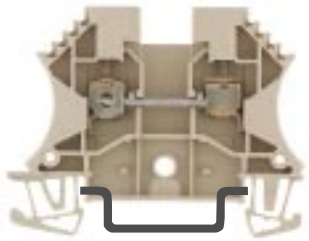


All approvals

Ⓢ	SEV Switzerland
CSA	CSA Canada
UL	UL USA
Ⓝ	NEMKO Norway
Ⓓ	DEMKO Denmark
Ⓢ	SEMKO Sweden
KEMA	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

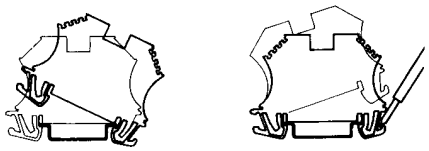


This series has **versions** for conductors up to 150 mm².

- 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

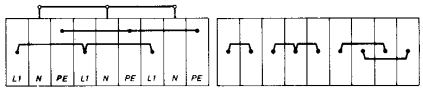


latch on **latch off**

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 **Simple** **Parallel**

Feed-through terminals

for L1, N disconnect and PE terminals **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.

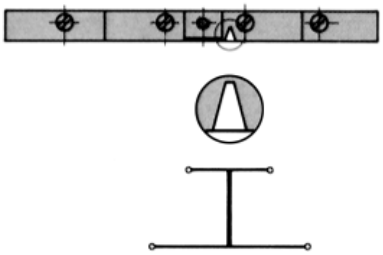
Although each individual terminal block is shock-hazard protected **with and without** cross-connection, **covers** with high voltage flash DIN 30600 can be snap-fitted for all terminals up to 150 mm² rated cross-section; a **group tag carrier** can also be fitted as an alternative.

- 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.

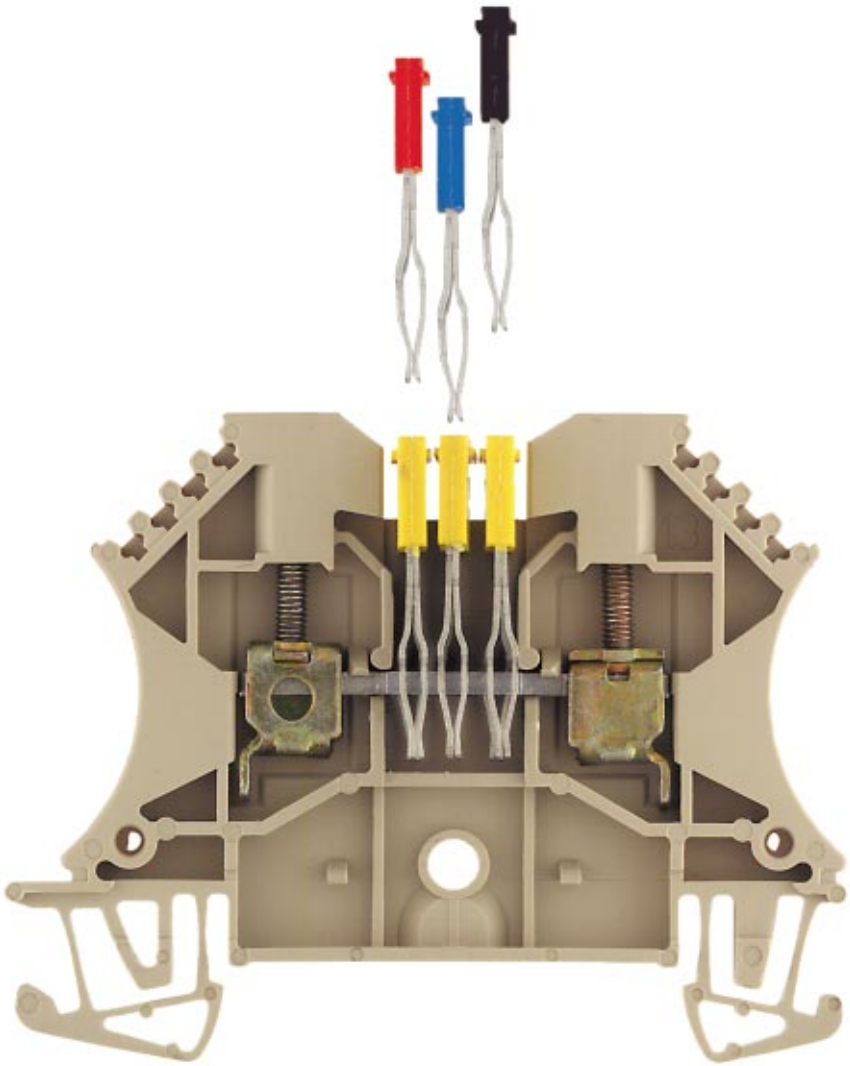


An additional feature is the letter **V** in the type designation, such as

– WDK 2.5 **V** Cat.No. 102230

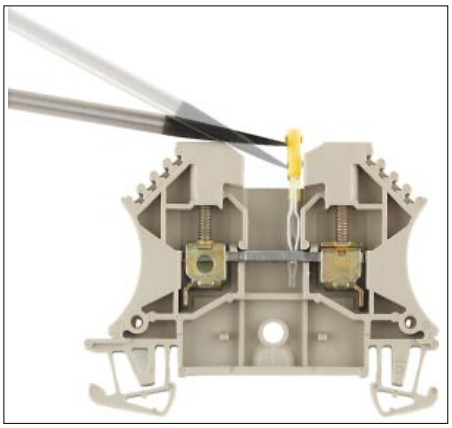
Pluggable cross-connection system for bestseller WDU 2.5

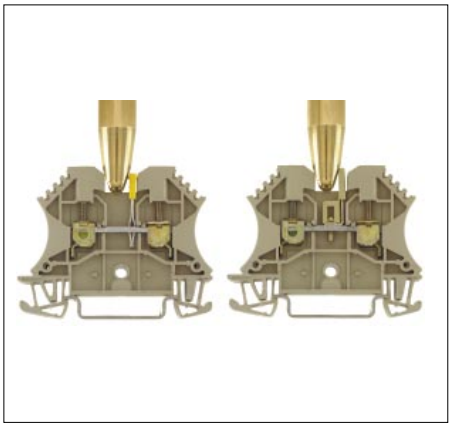
Cat. No. **102000**



40 %

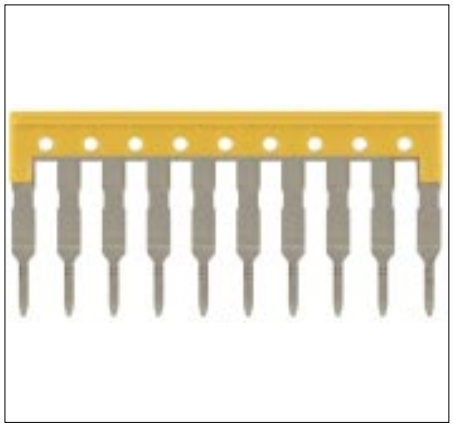
of all terminal blocks are cross-connected.
Considerable assembly time saving



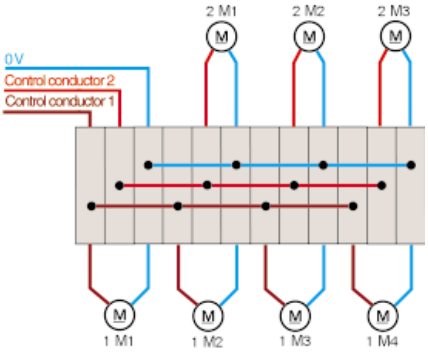


Touch safe protection according to VBG 4 and VDE 0106, Part 100 /3.83 without additional parts

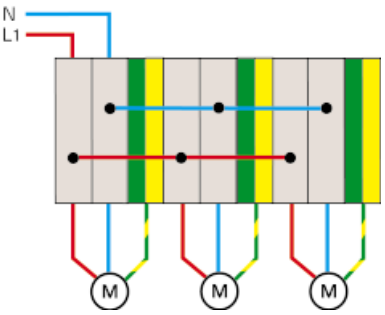
No end plates or partitions for neighbouring cross-connections up to 400 V



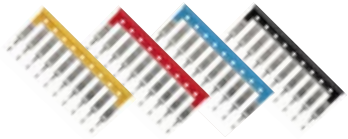
Contact elements can be removed by hand, so that several terminals can be skipped



Triple use up to 125 V with ZQV 2.5N



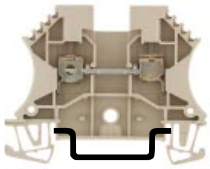
Parallel use up to 400 V
with ZQV[1] 2.5 N or WQV 2.5



	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

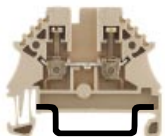
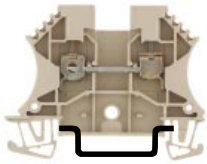
Colored Cross conection ZQV 2.5N

[1] When using the outer cross connection holes

		WDU 2.5	WDU 2.5/10
			
Max. Technical Data		32 A/4 mm²	32 A/4 mm²
Dimensions			
Width/length/height (mm)	With TS 35 x 7.5	5/60/47	50/60/47
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
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1			
Rated voltage/rated current/rated cross-section		800 V/24 A/2,5 mm²	800 V/24 A/2,5 mm²
Rated impulse voltage/pollution severity		8 kV/3	8 kV/3
Further technical data			
Tightening torque range	Nm	0,4…0,8	0,4…0,8
Torque setting with DMS 2 electric screwdriver		1	1
Clampable conductor			
solid H07V-U	mm²	0,5…4	0,5…4
stranded H07V-R	mm²	1,5…4	1,5…4
flexible H07V-K	mm²	0,5…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5	0,5…2,5
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…2,5	0,5…2,5
Max. Clamping Range in mm²	Gauge pin to 947-1	0,13…4 A 3	0,13…4 A 3
Contin. curr. rating of cross-connection WQV/ZQV 2poles	A	32/24	32/24
Contin. curr. rating of cross-connection WQV/ZQV multipole	A	32/24	32/24
UL / CSA rated data			
Voltage / current / conductor size	UL	600 V/25 A/22…12 AWG	600 V/25 A/22…12 AWG
Voltage / current / conductor size	CSA	600 V/20 A/26…12 AWG	600 V/20 A/26…12 AWG
Ordering data	**Version**	Cat. No. Qty.	Cat. No. Qty.
	Wemid	**102000** 100	**102070** 10
	Blue Wemid	**102008** 100	**102080** 10
	Orange PA	**102006** 100	
	Terminal block printed 1–9 Wemid		
	Terminal block unprinted* Wemid		
End plate/partition		Type Cat. No. Qty.	Type Cat. No. Qty.
WAP	WAP (thickness 1.5 mm) Wemid	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
WTW	Wemid	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
Cross-connection**		ZQV 2.5N Qty. WQV 2.5 Qty.	ZQV 2.5N Qty. WQV 2.5 Qty.
ZQV	2-pole	**169380** 60 **105366** 50	**169380** 60 **105366** 50
	3-pole	**169381** 60 **105376** 50	**169381** 60 **105376** 50
	4-pole	**169382** 60 **105386** 50	**169382** 60 **105386** 50
WQV	5-pole	**169383** 20 **105396** 10	**169383** 20 **105396** 10
	6-pole	**169384** 20 **105406** 10	**169384** 20 **105406** 10
	7-pole	**169385** 20 **105416** 10	**169385** 20 **105416** 10
	8-pole	**169386** 20 **105426** 10	**169386** 20 **105426** 10
WQB B/24	9-pole	**169387** 20 **105436** 10	**169387** 20 **105436** 10
	10-pole	**169388** 20 **105446** 20	**169388** 20 **105446** 20
	32-pole	- **157760** 10	- **157760** 10
	endless 50pole	**169389** 5	**169389** 5
		WQB B/24 **157906** 20	WQB B/24 **157906** 20
Screen lug LS 2.8		LS 2.8 **105640** 50	LS 2.8 **105640** 50
Notching tool WAW 1 for WQV		WAW 1 **900450** –	WAW 1 **900450** –
Test adapter			
WTA		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
Test plug/socket			
PS 2.3	StB 8.5	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
Cover			
WAD with Symbol		WAD 5 **105346** 50	WAD 5 **105346** 50
WAD white (for self-labeling)		WAD 5 white **105606** 50	WAD 5 white **105606** 50
Group marking			
T 5	WGB	WGB 5 **105076** 50	WGB 5 **105076** 50
		T 5 **034850** 100	T 5 **034850** 100
Tag carrier for S 10 markers		SF 10 **033240** 1000	SF 10 **033240** 1000
		SG 10 **033250** 1000	SG 10 **033250** 1000
Marking tags	**Print**		
DEK	Consecutive horizontal	DEK 5 **047346** –	DEK 5 **047346** –
DEK	Consecutive vertical	DEK 5 **047356** –	DEK 5 **047356** –
WS		WS 12/5 **160986** –	WS 12/5 **160986** –
WS		WS 12/5 **144746** –	WS 12/5 **144746** –

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

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	26 A/2,5 mm²	26 A/2,5 mm²	32 A/4 mm²	32 A/4 mm²
Dimension				
Width/length/height (mm) With TS 35 x 7.5	5/44/37,5	5/60/47	5/60/47	5/60/47
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	10/7 mm/M 2,5/3,5 x 0,6	10 mm/M 2,5/3,5 x 0,6
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1				
Rated voltage/rated current/rated cross-section	500 V/24 A/2,5 mm²	690 V/17,5 A/1,5 mm²	690 V/24/17,5 A/2,5/1,5 mm²**	800 V/24 A/2,5 mm²
Rated impulse voltage/pollution severity	6 kV/3	8 kV/3	8 kV/3	8 kV/3
Further technical data				
Tightening torque range Nm	0,4...0,7	0,4...0,7	0,4...0,7	0,4...0,8
Torque setting with DMS2 electric screwdriver	1	1	1	1
Clampable conductor				
solid H07V-U mm²	0,5…4	0,5…2,5	0,5…4/2,5**	0,5…4
stranded H07V-R mm²	1,5…4	1,5…2,5	1,5…4/2,5**	1,5…4
flexible H07V-K mm²	0,5…4	0,5…1,5	0,5…4/1,5**	0,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…2,5	0,5…1,5	0,5…2,5/1,5**	0,5…2,5
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…2,5[1])	0,5…1,5[1])	0,5…2,5/1,5**/[1])	0,5…2,5[1])
Max. Clamping Range in mm² Gauge pin to 947-1 Size	0,13…4 A 3	0,08…2,5 A 1	0,13…4/0,08…2,5 A 3/A 1**	0,13…4 A 3
Continuous current rating of cross-connection WQV/ZQV 2–5-pole A	24/–	32/24	32/24	32/24
WQV/ZQV 6–10-pole A	24/–	32/24	32/24	32/24
UL / CSA rated data				
Voltage / current / conductor size UL	300 V/20 A/22…12 AWG	300 V/10 A/22…14 AWG	300 V/20/15 A/22…12 AWG	600 V/25 A/22…12 AWG
Voltage / current / conductor size CSA	300 V/20 A/26…12 AWG	300 V/10 A/26…14 AWG	300 V/20/15 A/26...12/14 AWG	600 V/20 A/26…12 AWG
Ordering data **Version**	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Wemid	**102370** 100	**103140** 100	**102470** 100	**102000** 100
Blue Wemid	**102378** 100	**103148** 100	**102478** 100	**102008** 100
Orange PA	**102376** 100			**102006** 100
Terminal block printed 1–9 Wemid	**102490** 10			**102070** 10
Terminal block unprinted* Wemid	**102480** 10			**102080** 10
End plate/partition	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
WAP (thickness 1.5 mm) Wemid	WAP-WDU 2.5N **106000** 50	WAP 2.5-10 **105000** 50	WAP 2.5-10 **105000** 50	WAP 2.5-10 **105000** 50
Blue Wemid	WAP-WDU 2.5N **106008** 50	WAP 2.5-10 **105008** 50	WAP 2.5-10 **105008** 50	WAP 2.5-10 **105008** 50
WTW Wemid	TW (1,5) **019186** 20	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 2.5-10 **105018** 20
Frame WDK 2.5				
Cross-connection		ZQV 2.5N Qty. WQV 2.5 Qty.	ZQV 2.5N Qty. WQV 2.5 Qty.	ZQV 2.5N Qty. WQV 2.5 Qty.
WQV WQB 8/24 Screen lug LS 2.8 2-pole	WQV 2.5/2 **105366** 50	**169380** 60 **105366** 50	**169380** 60 **105366** 50	**169380** 60 **105366** 50
3-pole	WQV 2.5/3 **105376** 50	**169381** 60 **105376** 50	**169381** 60 **105376** 50	**169381** 60 **105376** 50
4-pole	WQV 2.5/4 **105386** 50	**169382** 60 **105386** 50	**169382** 60 **105386** 50	**169382** 60 **105386** 50
ZQV 2.5N 10-pole	WQV 2.5/10 **105446** 20	**169388** 20 **105446** 20	**169388** 20 **105446** 20	**169388** 20 **105446** 20
	WQB B/24 **157906** 20	WQB B/24 **157906** 20	WQB B/24 **157906** 20	WQB B/24 **157906** 20
		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** –	WAW 1 **900450** –
Test adapter				
WTA TA 1	WTA 1 **163229** 50	WTA 2 **163232** 50	WTA 2 **163232** 50	WTA 2 **163232** 50
	WTA 1/ZA **163230** 50	WTA 2/ZA **163233** 50	WTA 2/ZA **163233** 50	WTA 2/ZA **163233** 50
	WTA 1/10 **163231** 5	WTA 2/10 **163234** 5	WTA 2/10 **163234** 5	WTA 2/10 **163234** 5
Strain relief	ZE 1 **163215** 50	ZE 1 **163215** 50	ZE 1 **163215** 50	ZE 1 **163215** 50
Test plug/socket				
PS 2.3 StB 8.5	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
	PS 2.0 (ø 2,0) **029380** 20	PS 2.0 (ø 2,0) **029380** 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 2,3) **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	StB 8.5 (ø 2,0) **126980** 50	StB 8.5 (ø 2,0) **126980** 50
Abdeckungen				
WAD with symbol	WAD 4 **107200** 50			WAD 5 **105346** 50
WAD white for self-labeling	WAD 4 white **107210** 50			WAD 5 white **105606** 50
Group marking				
T 5 WGB				WGB 5 **105076** 50
	T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100
Tag carrier	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 100	SF 10 **033240** 1000
für S 10 markers	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000
Marking tags **Print**				
DEK Consecutive horizontal	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –
DEK Consecutive vertical	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –
WS Blank	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –
WS DEK WS Printed	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –

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

* With unprinted dekafix marking strips

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

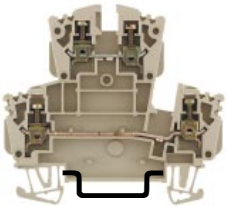
** Twin connection

WDK 2.5
WDK 2.5/10/BEZ

400 V

WDK 2.5

800 V

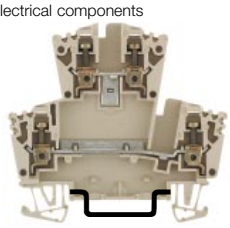


WDK 2.5 V

WDK 2.5 DU-PE

WDK 2.5 E
WDK 2.5 E GET.SCH.

Terminal blocks for electrical components

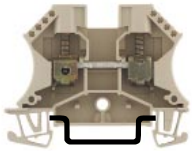
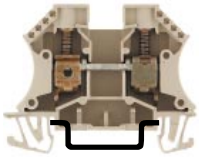


Terminal blocks with electrical components see section 3

WDU 4
WDU 4/10/BEZ

26 A/2,5 mm²			26 A/2,5 mm²			24 A/2,5 mm²			24 A/2,5 mm²/-/-			-/2,5 mm²			46 A/6 mm²		
5/69/63			6/69/63			5/69/63			5/69/63			5/69/63			6/60/47		
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			10 mm/M 2,5/3,5 x 0,6			10 mm/M 2,5/3,5 x 0,6			10 mm/M 3/3,5 x 0,6		
400 V/24 A/2,5 mm²			800 V/24 A/2,5 mm²			400 V/24 A/2,5 mm²			400 V/-/24 A/-/2,5 mm²			-/-/2,5 mm²			800 V/32 A/4 mm²		
6 kV/3			8 kV/3			6 kV/3			6 kV/3			-/-			8 kV/3		
0,4...0,7			0,4...0,7			0,4...0,7			0,4...0,7			0,4...0,7			0,5...1,0		
1			1			1			1			1			2		
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…6		
0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5			0,5…6		
0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5			0,5…4		
0,5…2,5[1])			0,5…2,5			0,5…2,5[1])			0,5…2,5[1])			0,5…2,5[1])			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	0,13…6		A 4
32/–			32/–			32/–			32/–			–			46		
32/–			32/–			32/–			32/–			–			46		
300 V/20 A/22…12 AWG						300 V/20 A/22…12 AWG			300 V/20 A/22…12 AWG			300 V/20 A/22…12 AWG			600 V/35 A/22…10 AWG		
300 V/10 A/26…12 AWG						300 V/10 A/26…12 AWG			300 V/10 A/26…12 AWG			-			600 V/35 A/26…10 AWG		
	Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	102150	100		**102910**	100		**102230**	100		**103640**	100		**102320**	100		**102010**	100
	102158	100							(Beige Wemid with divided current bar below)				**102310**	100		**102018**	100
	102156	100										(Beige Wemid with divided current bar below)				**102090**	10
	102560	10														**102100**	10
	102570	10															
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	**105910**	20	WAP	**105910**	20	WAP	**105910**	20	WAP	**105910**	20	WAP	**105910**	20	WAP 2.5-10	**105000**	50
WAP	**105918**	20	WAP	**105918**	20							WAP	**105918**	20	WAP 2.5-10	**105008**	50
WTW	**105880**	20	WTW	**105880**	20	WTW	**105880**	20	WTW	**105880**	20	WTW	**105880**	20	WTW 2.5-10	**105010**	20
															WTW 2.5-10	**105018**	20
												Frame (5 mm)	**107400**	20			
WQV 2.5/2	**105366**	50	Q 2	**036900**	50	WQV 2.5/2	**105366**	50	WQV 2.5/2	**105366**	50	WQV 2.5/2	**105366**	50	WQV 4/2	**105196**	50
WQV 2.5/3	**105376**	50	Q 3	**036910**	50	WQV 2.5/3	**105376**	50	WQV 2.5/3	**105376**	50	WQV 2.5/3	**105376**	50	WQV 4/3	**105456**	50
WQV 2.5/4	**105386**	50	Q 4	**036920**	50	WQV 2.5/4	**105386**	50	WQV 2.5/4	**105386**	50	WQV 2.5/4	**105386**	50	WQV 4/4	**105466**	50
WQV 2.5/10	**105446**	20	Q 10	**036930**	20	WQV 2.5/10	**105446**	20	WQV 2.5/10	**105446**	20	WQV 2.5/10	**105446**	20	WQV 4/10	**105206**	20
WQB A/24	**157900**	20				WQB A/24	**157900**	20	WQB A/24	**157900**	20	WQB A/24	**157900**	20			
LS 2.8	**105640**	50	LS 2.8	**105640**	50	LS 2.8	**105640**	50				LS 2.8	**105640**	50	LS 2.8	**105640**	50
WAW 1	**900450**	–				WAW 1	**900450**	–	WAW 1	**900450**	–	WAW 1	**900450**	–	WAW 1	**900450**	–
TA 1	**053586**	20	TA 1	**053586**	20	TA 1	**053586**	20	TA 1	**053586**	20	TA 1	**053586**	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
AD 3	**048540**	–	AD 3	**048540**	–	AD 3	**048540**	–	AD 3	**048540**	–	AD 3	**048540**	–	WAD 5	**105346**	50
HP 3	**048576**	20	HP 3	**048576**	20	HP 3	**048576**	20	HP 3	**048576**	20	HP 3	**048576**	20	WAD 5 white	**105606**	50
WAD 4	**107200**	50	WAD 4	**107200**	50	WAD 4	**107200**	50	WAD 4	**107200**	50	WAD 4	**107200**	50			
															WGB 5	**105076**	50
WT 4	**134106**	100	WT 4	**134106**	100	WT 4	**134106**	100	WT 4	**134106**	100	WT 4	**134106**	100	T 5	**034850**	100
SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000
SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000
DEK 5	**047346**	–	DEK 5	**047346**	–	DEK 5	**047346**	–	DEK 5	**047346**	–	DEK 5	**047346**	–	DEK 6	**046866**	–
DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 6	**047356**	–
WS 8/5	**164074**	–	WS 8/5	**164074**	–	WS 8/5	**164074**	–	WS 8/5	**164074**	–	WS 8/5	**164074**	–	WS 12/6	**160990**	–
WS 8/5	**158008**	–	WS 8/5	**158008**	–	WS 8/5	**158008**	–	WS 8/5	**158008**	–	WS 8/5	**158008**	–	WS 12/6	**144766**	–

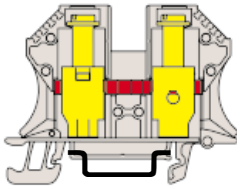
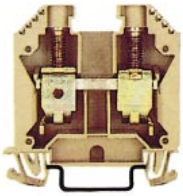
Feed-through terminal blocks

	WMA 4/5 WMA 4/4		WDU 6 WDU 6/10/BEZ		WDU 10		WDU 16N	
Max. Technical Data	46 A/6 mm²		63 A/10 mm²		85 A/16 mm²		82 A/25 mm²	
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	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	
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1								
Rated voltage/rated current/rated cross-section	800 V/32 A/4 mm²		800 V/41 A/6 mm²		1000 V/57 A/10 mm²		400 V/76 A/16 mm²	
Rated impulse voltage/pollution severity	8 kV/3		8 kV/3		8 kV/3		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 mm²	0,5…6		0,5…10		1,5…16		1,5…16	
stranded H07V-R mm²	1,5…6		1,5…10		1,5…16		1,5…25	
flexible H07V-K mm²	0,5…6		0,5…10		1,5…16		1,5…16	
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…4		0,5…6		1,5…16		1,5…16	
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…4		0,5…6		1,5…16		1,5…16	
Max. Clamping Range in mm² 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.		Cat. No. Qty.
Wemid				**102020** 50		**102030** 50		**103610** 50
Blue Wemid				**102028** 50		**102038** 50		**103618** 50
Terminal block printed 1–9 Wemid				**102140** 10				
Terminal block unprinted* Wemid				**102130** 10				
Motor connection block (L1, L2, L3, PE) Wemid		**103400** 20						
Motor connection block (L1, L2, L3, N, PE) Wemid		**103380** 20						
End plate/partition	Type	Cat. No. Qty.	Type	Cat. No. Qty.	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 Wemid	WTW 2.5-10	**105010** 20	WTW 2.5-10	**105010** 20	WTW 2.5-10	**105010** 20	WTW EX	**105880** 20
Blue Wemid	WTW 2.5-10	**105018** 20	WTW 2.5-10	**105018** 20	WTW 2.5-10	**105018** 20		
Cross-connection								
WQV WQB 8/24	WQV 4/2	**105196** 50	WQV 6/2	**105236** 50	WQV 10/2	**105256** 50	WQV 16N/2	**163656** 50
	WQV 4/3	**105456** 50	WQV 6/3	**105476** 50	WQV 10/3	**105496** 50	WQV 16N/3	**163657** 50
	WQV 4/4	**105466** 50	WQV 6/4	**105486** 50	WQV 10/4	**105506** 50	WQV 16N/4	**163658** 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** –	WAW 1	**900450** –
Test adapter								
WTA WTA 3	WTA 3	**163235** 50						
	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 StB 8.5	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
			PS 4 (ø 4)	**029960** 20	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 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	StB 14 (ø 4)	**016990** 50
Abdeckungen								
WAD with symbol	WAD 5	**105346** 50	WAD 8	**105356** 50	WAD 8	**105356** 50	WAD 12 N	**107320** 50
WAD white for self-labeling	WAD 5 white	**105606** 50	WAD 8 white	**105616** 50	WAD 8 white	**105616** 50	WAD 12 N white	**107329** 50
Group marking								
T 5 WGB	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	T 5	**034850** 100
	SF 10	**033240** 1000	SF 10	**033240** 1000	SF 10	**033240** 1000	SF 10	**033240** 1000
	SG 10	**033250** 1000	SG 10	**033250** 1000	SG 10	**033250** 1000	SG 10	**033250** 1000
Marking tags **Print**								
DEK Consecutive horizontal	FW 6	**046866** –	FW 8	**127696** –	FW 5	**047346** –	DEK 5	**047346** –
DEK Consecutive vertical	FS 6	**047356** –	FS 8	**128966** –	FS 5	**047356** –	DEK 5	**047356** –
WS Blank	WS 12/6	**160990** –	WS 12/6,5	**160992** –	WS 12/6,5	**160992** –	WS 12/6,5	**160992** –
WS DEK WS Printed	WS 12/6	**144766** –	WS 12/6,5	**156895** –	WS 12/6,5	**156895** –	WS 12/6,5	**156895** –

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	100 A/25 mm²	- / -	168 A/50 mm²	168 A/50 mm²	207 A/95 mm²
12/60/63	12/60/63	16/66/51	16/60/63	16/60/63	20,5/75/86
16 mm/M 5/5,5 x 1,0	16 mm/M 5/5,5 x 1,0	18 mm/M 6/5,5 x 1,0	18 mm/M 6/5,5 x 1,0	18 mm/M 6/5,5 x 1,0	22 mm/M 8/S 6 DIN 6911
1000 V/76 A/16 mm²	1000 V/76 A/16 mm²	400 V/125 A/35 mm²	1000 V/125 A/35 mm²	1000 V/125 A/35 mm²	1000 V/192 A/70 mm²
8 kV/3	8 kV/3	6 kV/3	8 kV/3	8 kV/3	8 kV/3
2,0...4,0	2,0...4,0	2,5...5,0	5,0 / 5,0...6,0**	5,0 / 5,0...6,0**	6,0...12
–	–	–	–	–	–
1,5…16	1,5…16	2,5...16	2,5...16	2,5...16	10...16
1,5…25	1,5…25	2,5…50	2,5…50	2,5…50	10...95
1,5…25	1,5…25	2,5…35	2,5…35	2,5…35	10...70
1,5…16	1,5…16	2,5…35	2,5…35	2,5…35	10...70
1,5…16	1,5…16	2,5…35	2,5…35	2,5…35	10...70
1,5…25 B 7	1,5…25 B 7	2,5…50 B 9	2,5…50 B 9	2,5…50 B 9	10...95 B 11
85	85	115	138	138	192
63	63	100	112	112	192 (3-pole)
600 V/70 A/14…6 AWG	600 V/70 A/14…6 AWG	-	600 V/115 A/12…2 AWG	600 V/115 A/12…2 AWG	600 V/175 A/6...2/0 AWG
600 V/65 A/14…6 AWG	600 V/65 A/14…6 AWG	-	600 V/120 A/12…2 AWG	600 V/120 A/12…2 AWG	600 V/205 A/8...2/0AWG
Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
102040 50	**102890** 50	**104040** 25	**102050** 25	**102880** 25	**951219** 10
102048 50	**102898** 50	**104048** 25	**102058** 25	**102888** 25	**951242** 10
			(hexagon socket) **102060**** 25	(hexagon socket) **102900**** 25	(WDU 70N
			(hexagon socket) **102068**** 25	(hexagon socket) **102908**** 25	only with hexagon socket)
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 16–35 **105010** 20	WAP 16–35 **105010** 20		WAP 16–35 **105010** 20	WAP 16–35 **105010** 20	
WAP 16–35 **105018** 20	WAP 16–35 **105018** 20		WAP 16–35 **105018** 20	WAP 16–35 **105018** 20	
WQV 16/2 **105326** 50	WQV 16/2 **105326** 50	WQV 35N/2 **107920** 50	WQV 35/2 **105306** 50	WQV 35/2 **105306** 50	WQV 70N/2 **951224** 5
WQV 16/3 **105516** 50	WQV 16/3 **105516** 50	WQV 35N/3 **107930** 50	WQV 35/3 **105536** 50	WQV 35/3 **105536** 50	WQV 70N/3 **951225** 5
WQV 16/4 **105526** 50	WQV 16/4 **105526** 50	WQV 35N/4 **107940** 50	WQV 35/4 **105546** 50	WQV 35/4 **105546** 50	WQV 70N/4 **953129** 5
WQV 16/10 **105336** 10	WQV 16/10 **105336** 10		WQV 35/10 **105316** 10	WQV 35/10 **105316** 10	
WQV 16/2 blue **105328** 50	WQV 16/2 blue **105328** 50		WQV 35/2 blue **105308** 50	WQV 35/2 blue **105308** 50	
WAW 1 **900450** –	WAW 1 **900450** –		WAW 1 **900450** –	WAW 1 **900450** –	
					Auxil./control conduc. term.
					WZAD 70N **951228** 10
PS 4 (ø 4) **029960** 20	PS 4 (ø 4) **029960** 20	PS 4 (ø 4) **029960** 20	PS 4 (ø 4) **029960** 20	PS 4 (ø 4) **029960** 20	PS 4 (ø 4) **029960** 20
StB 16 (ø 4) **014020** 50	StB 16 (ø 4) **014020** 50	StB 16 (ø 4) **014020** 50	StB 16 (ø 4) **014020** 50	StB 16 (ø 4) **014020** 50	Insertable in screw head of connection system
WAD 12 **105596** 50	WAD 12 **105596** 50		WAD 12 **105596** 50	WAD 12 **105596** 50	WAD 20 **951226** 20
WAD 12 white **105626** 50	WAD 12 white **105626** 50		WAD 12 white **105626** 50	WAD 12 white **105626** 50	WAD 20 white **951227** 20
T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100	T 5 **034850** 100
SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000
SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000
DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –
DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –
WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –
WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –

* with spigots

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

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

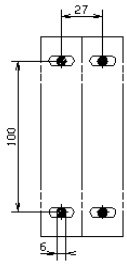
Max. Technical Data		250 A/95 mm^2		
Dimensions				
Width/length/height (mm)	With TS 35 x 7.5 ⎍	27/132/108		
Insulation stripping length/clamping screw/screwdriver blade		30 mm/M 8/S 6		
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1				
Rated voltage/rated current/rated cross-section		1000 V/232 A/95 mm^2		
Rated impulse voltage/pollution severity		8 kV/3		
Further technical data				
Tightening torque range	Nm	6...12		
Torque setting with DMS2 electric screwdriver		–		
Clampable conductor				
solid H07V-U	mm^2	16		
stranded H07V-R	mm^2	16…120**		
flexible H07V-K	mm^2	16…95**		
flexible H07V-K and AEH DIN 46 228/1	mm^2	35...95**		
flexible H07V-K and AEH with plastic insul. collar	mm^2	35...50		
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	16…120		B 12
Continuous current rating of cross-connection 2–pole	A	232		
Continuous current rating of cross-connection multipole	A	(3) 232		
UL / CSA rated data				
Voltage / current / conductor size	UL	600 V/175 A/6…2/0 AWG		
Voltage / current / conductor size	CSA	600 V/205 A/6…2/0 AWG		
Ordering data	**Version**	⎍	Cat. No.	Qty.
Hexagon socket 6 mm	Wemid		**102460**	10
Hexagon socket 6 mm	Blue Wemid		**102468**	10
Hexagon socket 6 mm	Green Wemid		**102465**	10
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		Type	Cat. No.	Qty.
		WQV 70/2	**106350**	5
		WQV 70/3	**106360**	5
Auxiliary / control conductor terminal WFL	**pressure clamp*** ** WFL	WZAD 70	**106600**	10
		WFL 70/95	**161633**	10
Cover				
	Yellow	WAD 27 with warning tag	**106286**	10
	White	WAD 27 without warning tag	**106296**	10
Test plug				
		PS 4 fits into screw head of the connection system	**029960**	20
Fixing screw				
	For direct assembly	M 6x16	**106370**	20
Hexagon key				
		Hex. key 6 mm to DIN 6911	**040790**	–
Screwdriver for direct assembly 1 x 5.5 x 125				
		SD	**902450**	–
Marking tags	**Print**			
DEK	Consecutive horizontal	DEK 5	**047346**	–
DEK	Consecutive vertical	DEK 5	**047356**	–
WS	Blank	WS 12/6,5	**160992**	–
WS DEK WS	Printed	WS 12/6,5	**156895**	–
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

*** The WFL pressure clamp is needed when the flat strip cannot be inserted centrically.

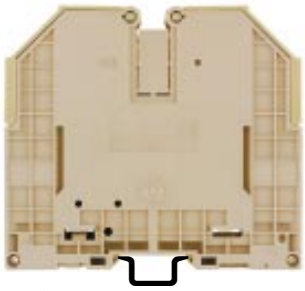
WDU 70/95/...



Drilling plan for direct mounting

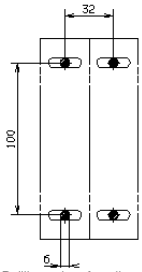
250 A/95 mm²		
81/132/108 (triple block)*		
30 mm/M 8/S 6		
1000 V/232 A/95 mm²		
8 kV/3		
6...12		
–		
16		
16…120**		
16…95**		
35...95**		
35...50		
3 x 9 x 0,8	6 x 9 x 0,8	
4 x 16 x 0,8	6 x 16 x 0,8	
16…120		B 12
232		
(3) 232		
600 V/175 A/6…2/0 AWG		
600 V/205 A/6…2/0 AWG		
	Best-Nr.	Qty.
	102670*	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	**040790**	–
6 mm to DIN 6911		
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 mm²		
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	**040790**	–
6 mm to DIN 6911		
SD	**902450**	–
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

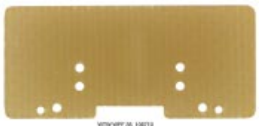
WDU 120/150/...



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 mm²		
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	**040790**	–
6 mm to DIN 6911		
SD	**902450**	–
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

Tab connection terminals

		WFF 35			WFF 70		
Max. Technical Data		168 A/50 mm²			250 A/95 mm²		
Dimensions							
Width/length/height (mm)	without WAH	27/107/54			32/132/63		
Width/length/height (mm)	with WAH	27/136/60			32/179/71,5		
Bolt size	M	6			8		
VDE rated data, 0611, Part 1/8.92 / IEC 947-7-1							
Rated voltage/rated current/rated cross-section		1000 V/125 A/35 mm²			1000 V/192 A/70 mm²		
Rated impulse voltage/pollution severity		8 kV/3			8 kV/3		
Further technical data							
Tightening torque range	Nm	3.0...6.0			6.0...12		
Clampable conductor							
Cable lug DIN 46235	mm²	6…25			16…70		
Cable lug DIN 46234	mm²	2,5…50			2,5…120		
2 x cable lug DIN 46235	mm²	6…25			16…70		
2 x cable lug DIN 46234	mm²	2,5…35			2,5…70		
Strips	mm	3 x 13 x 0,5			2 x 15,5 x 0,8	4 x 20 x 1	
Strips	mm	6 x 13 x 0,5			4 x 15,5 x 0,8		
Strips	mm	2 x 15,5 x 0,8			6 x 15,5 x 0,8		
Max. Connection Area in mm²		2,08…50			2,08…120		
Gauge for flat connections to EN 50043 Size		C 4			C 6		
Continuous current rating of cross-connection 2-pole	A	135			207		
Continuous current rating of cross-connection 3-pole	A	135			207		
UL / CSA rated data							
Voltage/current/conductor size	UL	600 V/115 A/14…2 AWG			600 V/175 A/14…2/0 AWG		
Voltage/current/conductor size	CSA	600 V/130 A/14…2 AWG			600 V/170 A/14…2/0 AWG		
Ordering data	**Version**		Cat. No.	Qty.		Cat. No.	Qty.
	Wemid		**102830**	10		**102840**	10
	Blue Wemid		**102838**	10		**102848**	10
With covers	Wemid		**102930**	10		**102940**	10
	Wemid						
Partition (thickness 2 mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		WTW WFF 35	**106710**	10	WTW WFF 70	**106720**	10
Cross-connection							
WQL		WQL 2/35	**106490**	5	WQL 2/70	**106500**	5
		WQL 3/35	**106540**	5	WQL 3/70	**106550**	5
Auxiliary / control conductor terminal							
		WZAF 35	**107050**	10	WZAF 70	**106620**	10
Cover							
	Beige PA 66	WAH 35	**106446**	20	WAH 70	**106456**	20
	Blue PA 66	WAH 35 BL	**106448**	20	WAH 70 BL	**106458**	20
	Light-green PA 66	WAH 35 HG	**106445**	20	WAH 70 HG	**106455**	20
		WAP*	**106970**	20	WAP*	**106980**	20
Warning sign							
	Yellow, Self-adhesive	WD 1	**156390**	5	WD 1	**156390**	5
	With lightning flash	Qty. = 5 cards with 6 lables on each			Qty. = 5 cards with 6 lables on each		
	Can be stuck to WAH only						
Screwdriver / Fixing screw							
	For direct assembly	M 6 x 16	**106370**	20	M 6x16	**106370**	20
	Screwdriver	SD	**902450**	–	SD	**902450**	–
Cupal washers							
	For aluminium conductors	CPSB M 6	**015620**	50	CPSB M 8	**015630**	50
Marking tags	**Print**						
DEK	Consecutive horizontal	DEK 5	**047346**	–	DEK 5	**047346**	–
DEK	Consecutive vertical	DEK 5	**047356**	–	DEK 5	**047356**	–
WS	Blank	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–
WS	Printed	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–
For further accessories see section 3, further marking material see section 8							

* The WAP can be used only in conjunction with the WAH.
In the event that no conductor is connected, it guarantees shock protection in the connection area.

WFF 120

335 A/150 mm²
42/132/72
42/230/81
10
1000 V/269 A/120 mm²
8 kV/3
10...20
16…150
6…150
16…120
6…120
2 x 20 x 1
6 x 20 x 1
5 x 24 x 1
5,26…150 C 8
292
292
600 V/310 A/10…MCM 250 AWG
600 V/310 A/10…MCM 250 AWG

	Cat. No.	Qty.
	102850	5
	102858	5
	102950	5

Type	Cat. No.	Qty.
WTW WFF 120	**106730**	10
WQL 2/120	**106510**	5
WQL 3/120	**106560**	5
WZAF 120	**106630**	10
WAH 120	**106466**	20
WAH 120 BL	**106468**	20
WAH 120 HG	**106465**	20
WAP*	**107300**	20
WD 1	**156390**	5
Qty. = 5 cards with 6 lables on each		
M 6x16	**106370**	20
SD	**902450**	–
CPSB M 10	**015640**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

WFF 185 / WFF 185 M 12 + M 16

453 A/240 mm²
55/163/78
55/287/91
12
1000 V/353 A/185 mm²
8 kV/3
14...31
25…240
10…240
25…185
10…185
2 x 24 x 1 10 x 24 x 1
2 x 32 x 1 6 x 32 x 1
3 x 35 x 1
8,37…240 C 11
382
382
600 V/380 A/8…MCM 500 AWG
600 V/360 A/8…MCM 500 AWG

	Cat. No.	Qty.
	102860	4
	102868	4
	102960	4
(M12+M16)	**102865**	4

Type	Cat. No.	Qty.
WTW WFF 185	**106740**	10
WQL 2	**106520**	50
WQL 3	**106570**	50
WZAF 185	**106640**	10
WAH 185/300	**106476**	10
WAH 185/300 BL	**106478**	10
WAH 185/300 HG	**106475**	10
WD 1	**156390**	5
Qty. = 5 cards with 6 lables on each		
M 6x16	**106370**	20
SD	**902450**	–
CPSB M 12	**015650**	20
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

WFF 300

630 A
55/163/86
55/287/90
16
1000 V/520 A/300 mm²
8 kV/3
25...60
50…300
25…240
50…240
25…240
2 x 40 x 1 3 x 35 x 1
6 x 40 x 1 8 x 32 x 1
8 x 40 x 1
13,3…300 –
520
520
600 V/500 A/6…MCM 600 AWG
600 V/510 A/6…MCM 600 AWG

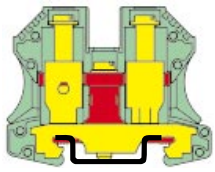
	Cat. No.	Qty.
	102870	4
	102878	4
	102970	4

Type	Cat. No.	Qty.
WTW WFF 300	**106740**	10
WQL 2	**106530**	50
WQL 3	**106580**	50
WZAF 300	**106650**	10
WAH 185/300	**106476**	10
WAH 185/300 BL	**106478**	10
WAH 185/300 HG	**106475**	10
WD 1	**156390**	5
Qty. = 5 Karten mit je 6 Einzelschildern		
M 6x16	**106370**	20
SD	**902450**	–
CPSB M 16	**015650**	20
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	5/54/37,5	5/60/47	5/60/47	5/60/47
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	10 mm/M 2,5/3,5 x 0,6	10/7 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 mm²	– V/– A/1,5 mm²	– V/– A/2,5 mm²	– V/– A/2,5/1,5 mm²
Rated voltage/impulse voltage/pollution severity adjacent terminal	500 V/6 kV/3	690 V/8 kV/3	800 V/8 kV/3	690 V/8 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 DMS2 electric screwdriver	1/1	1/1	1/1	1/1
Clampable conductor				
solid H07V-U mm²	0,5…4	0,5…2,5	0,5…4	0,5…4/2,5
stranded H07V-R mm²	1,5…4	1,5…2,5	1,5…4	1,5…4/2,5
flexible H07V-K mm²	0,5…4	0,5…1,5	0,5…4	0,5…4/1,5
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…4	0,5…1,5	0,5…2,5	0,5…2,5/1,5
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…2,5[5])	0,5…1,5[5])	0,5…2,5[5])	0,5…2,5/1,5[5])
AWG conductor No.	26…12	26…14	26…12	26…12/14
Max. Clamping Range in mm² Gauge pin to 947-1 Size	0,13…4 A 3	0,08…2,5 A 1	0,13…4 A 3	0,13…4/0,08…2,5 A 3/A 1
Ordering data	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Green/yellow Wemid	**101620** 100	**101650** 100	**101000** 100	**101640** 100
Support block[1])	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10
Marking tags				
DEK Consecutive horizontal	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –
DEK Consecutive vertical	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –
WS Blank	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –
WS Printed	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –

DEK WS

	WPE 10	WPE 16N	WPE 16	WPE 35N
				
Dimensions				
Width/length/height (mm) With TS 35 x 7.5	10/60/47	12/60/47	12/60/63	16/66/51
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5,5 x 1,0	12 mm/M 4/5,5 x 1,0	16 mm/M 5/5,5 x 1,0	18 mm/M 6/5,5 x 1,0
VDE rated data, 0611, Part 3/11.89 Rated voltage / current				
for PEN / cross-section	– V/57 A/10 mm²	– V/76 A/16 mm²	– V/76 A/16 mm²	– V/125 A/35 mm²
Rated voltage/impulse voltage/pollution severity adjacent terminal	800 V/8 kV/3	400 V/6 kV/3	800 V/8 kV/3	400 V/6 kV/3
Further technical data				
Tightening torque range Nm	1,2...2,4/0,5...1,0*	1,2...2,4/0,5...1,0*	2,0...4,0/1,2...2,4*	2,5...5,0/1,2...2,4*
Torque setting with DMS2 electric screwdriver	3/2	–/4	–/4	–/4
Clampable conductor				
solid H07V-U mm²	1,5…16	1,5…16	1,5…16	2,5…16
stranded H07V-R mm²	1,5…16	1,5…25	1,5…16	2,5…50
flexible H07V-K mm²	1,5…16	1,5…16	1,5…16	2,5…35
flexible H07V-K and AEH DIN 46 228/1 mm²	1,5…16	1,5…16	1,5…16	2,5…35
flexible H07V-K and AEH with plastic insul. collar mm²	1,5…16	1,5…16	1,5…16	2,5…35
AWG conductor No.	16…8	14…6	14…6	
Max. Clamping Range in mm² Gauge pin to 947-1 Size	1,31…16 B 6	1,5…25 B 7	1,5…25 B 7	2,5…50 B 9
Ordering data	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Green/yellow Wemid with hexagon socket	**101030** 50	**101910**[3]) 50	**101040** 50	**171774** 25
Support block[1])	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10
Marking tags	**External**	**Internal**	**External**	**External**
DEK Consecutive horizontal	WQB-PEN 10 **106030** 10	WQV 16N-PEN **107136**[4]) 10	WQB-PEN 16 **106020** 10	WQB-PEN 35N **107950** 10
DEK Consecutive vertical				
WS Blank	DEK 8 **127696** –	DEK 8 **127696** –	DEK 8 **127696** –	DEK 8 **127696** –
WS Printed	DEK 8 **128966** –	DEK 8 **128966** –	DEK 8 **128966** –	DEK 8 **128966** –
	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –
	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –

DEK WS

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

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

– V/– A/2,5 mm²
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**	–

WDK 2.5 DU-PE**

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

– V/– A/2,5 mm²
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**	–

WPE 4

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

– V/– A/4 mm²
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**	–

WPE 6

8/60/47
12 mm/M 3,5/4,0 x 0,8

– V/– A/6 mm²
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

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

– V/125 A/35 mm²
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**	–

WPE 70N

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

– V/192 A/70 mm²
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**	–

WPE 70/95

27/132/108
30 mm/M 8/S 6 DIN 6911

– V/232 A/95 mm²
1000 V/8 kV/3

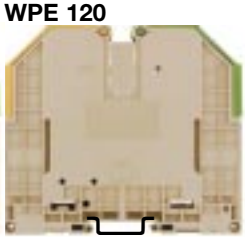
6,0...12/3,0...6,0*

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**	–

WPE 120



32/132/118
35 mm/M 10/S 6 DIN 6911

– V/269 A/120 mm²
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

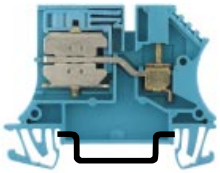
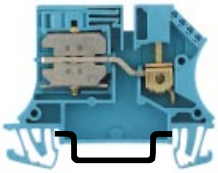
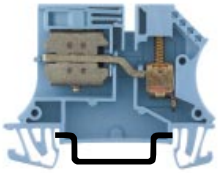
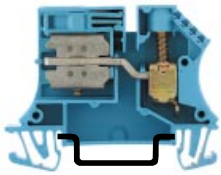
Type	Cat. No.	Qty.
SH 2	**049492**	10
Internal		
WQV 120-PEN	**107240**	5
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

* applies to centre screw

** see also page 2/7

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

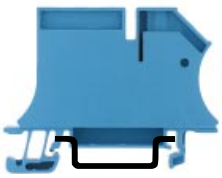
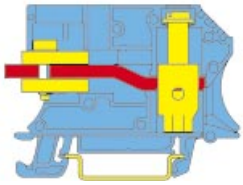
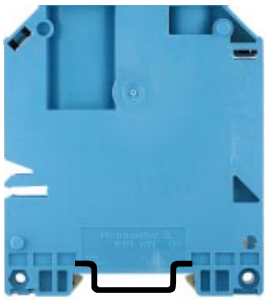
Isolating neutral terminal blocks

		WNT 2.5			WNT 4			WNT 6			WNT 10		
Max. Technical Data		32 A/4 mm²			41 A/6 mm²			57 A/10 mm²			76A/16 mm²		
Dimensions													
Width/length/height (mm)	With TS 35 x 7.5	5/60/47			6/60/47			8/60/47			10/60/47		
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2,5/3,5 x 0,6			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		
VDE rated data, 0611 Part 5 / 5.84													
Rated voltage/rated current/rated cross-section		400 V/24 A/2,5 mm²			400 V/32 A/4 mm²			400 V/41 A/6 mm²			400 V/57 A/10 mm²		
Rated voltage/impulse voltage/pollution severity		400 V/6 kV/3			400 V/6 kV/3			400 V/6 kV/3			400 V/6 kV/3		
Further technical data													
Tightening torque range	Nm	0,4...0,8			0,5...1,0			0,8...1,6			1,2...2,4		
Torque setting with DMS2 electric screwdriver		1			2			3			4		
Clampable conductor													
solid H07V-U	mm²	0,5…4			0,5…6			0,5…10			1,5…16		
stranded H07V-R	mm²	1,5…4			1,5…6			1,5…10			1,5…16		
flexible H07V-K	mm²	0,5…4			0,5…6			0,5…10			1,5…16		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5			0,5…4			0,5…6			1,5…16		
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…2,5[1])			0,5…4			0,5…6			1,5…16		
Max. Clamping Range in mm²	Gauge pin to 947-1 Size	0,13…4		A 3	0,13…6		A 4	0,5…10		A 5	1,31…16		B 6
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	600 V/25 A/22…12 AWG			600 V/35 A/22…10 AWG			600 V/45 A/20…8 AWG			600 V/60 A/16…8 AWG		
Voltage / current / conductor size	CSA	600 V/20 A/26…12 AWG			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.		Cat. No.	Qty.
For 10x3 busbars	Blue Wemid		**101068**	100		**101078**	100		**101088**	50		**101098**	50
For 10x3 busbars as equipotential bonding disconnector	beige Wemid (VDE 0107)		**101060**	100		**101070**	100		**101080**	50		**101090**	50
End plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Thickness 1.5 mm	Blue Wemid	WAP 2.5-10	**105008**	50	WAP 2.5-10	**105008**	50	WAP 2.5-10	**105008**	50	WAP 2.5-10	**105008**	50
	Beige Wemid	WAP 2.5-10	**105000**	50	WAP 2.5-10	**105000**	50	WAP 2.5-10	**105000**	50	WAP 2.5-10	**105000**	50
Support plate													
für SSch 10 x 3	Blue Wemid	WHP 2.5-10	**105028**	20	WHP 2.5-10	**105028**	20	WHP 2.5-10	**105028**	20	WHP 2.5-10	**105028**	20
	beige Wemid	WHP 2.5-10	**105020**	20	WHP 2.5-10	**105020**	20	WHP 2.5-10	**105020**	20	WHP 2.5-10	**105020**	20
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	SSch 10 x 3 Cu	**034890**	1 m	SSch 10 x 3 Cu	**034890**	1 m	SSch 10 x 3 Cu	**034890**	1 m	SSch 10 x 3 Cu	**034890**	1 m
	Ms 100 A	SSch 10 x 3 Ms	**025980**	1 m	SSch 10 x 3 Ms	**025980**	1 m	SSch 10 x 3 Ms	**025980**	1 m	SSch 10 x 3 Ms	**025980**	1 m
Clamping yoke													
ZB 35 K ZB 35	Applied input for SSch 10 x 3	ZB 35 K	**050268**	20	ZB 35 K	**050268**	20	ZB 35 K	**050268**	20	ZB 35 K	**050268**	20
	16...50 mm² stranded	ZB 35	**026650**	20	ZB 35	**026650**	20	ZB 35	**026650**	20	ZB 35	**026650**	20
	16...35 mm² flexible Gauge pin to B9												
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**												
DEK	Consecutive horizontal	DEK 5	**047346**	–	DEK 6	**046866**	–	DEK 8	**127696**	–	DEK 8	**127696**	–
DEK	Consecutive vertical	DEK 5	**047356**	–	DEK 6	**046876**	–	DEK 8	**128966**	–	DEK 8	**128966**	–
WS	Blank	WS 12/5	**160986**	–	WS 12/6	**160990**	–	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–
WS DEK WS	Printed	WS 12/5	**144746**	–	WS 12/6	**144766**	–	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–

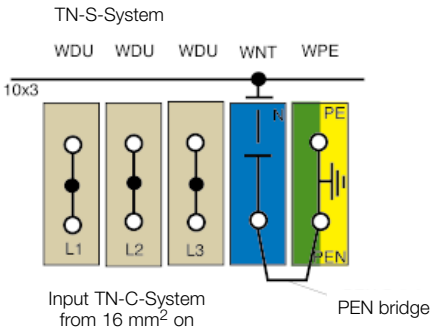
For further accessories see section 3, further marking material see section 8

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

WNT 16 N	WNT 35 N	WNT 70 N
		
- / -	- / -	207 A/95 mm^2
12/60/47	16/66/51	20,5/75/86
12 mm/M 4/5,5 x 1,0	18mm/M 6/5,5 x 1,0	22 mm/M 8/S 6 DIN 6911
400 V/76 A/16 mm^2	400 V/125 A/35 mm^2	400 V/192 A/70 mm^2
400 V/6 kV/3	400 V/6 kV/3	400 V/6 kV/3
1,2...2,4	2,5...5	6,0...12
4	-	-
1,5...16	2,5...16	10...16
1,5...25	2,5...50	10...95
1,5...16	2,5...35	10...70
1,5...16	2,5...35	10...70
1,5...16	2,5...35	10...70
1,5...25 B 7	2,5...35 B 9	10...95 B 11

	Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	101900	50		**171855**	10		**951221**	10

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WHP 2.5-10	**105028**	20	WHP 2.5-10	**105028**	20	WHP 2.5-10	**105028**	20
SSch 10 x 3 Cu	**034890**	1 m	SSch 10 x 3 Cu	**034890**	1 m	SSch 10 x 3 Cu	**034890**	1 m
SSch 10 x 3 Ms	**025980**	1 m	SSch 10 x 3 Ms	**025980**	1 m	SSch 10 x 3 Ms	**025980**	1 m
ZB 35 K	**050268**	20	ZB 35 K	**050268**	20	ZB 35 K	**050268**	20
ZB 35	**026650**	20	ZB 35	**026650**	20	ZB 35	**026650**	20
PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 4	**029960**	20
WEW 35 / 2	**106120**	50	WEW 35 / 2	**106120**	50	WEW 35 / 2	**106120**	50
WQB-PEN 16N	**107960**	10	WQB-PEN 35N	**107950**	10	WQB-PEN 70N	**107970**	10
DEK 5	**047346**	–	DEK 5	**047346**	–	DEK 5	**047346**	–
DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–
WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–



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

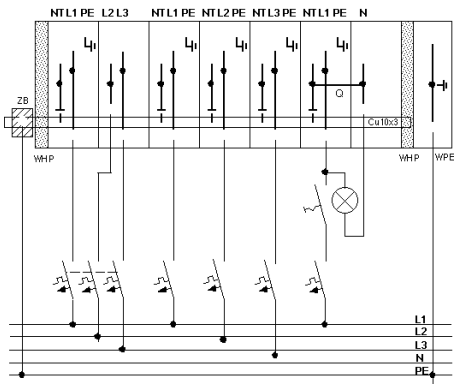
Installation specifications for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. 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 terminals strips with disconnect elements and a cross-connection system of the N conductor are available:

WDL 2.5/S...

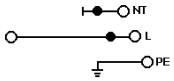
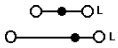
N cross-connection with the proven 10 x 3 mm busbar system up to 140 A. The busbar is fed by a separate clamping yoke (ZB 4-ZB 16) or an N disconnect terminal of the WNT series.

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).



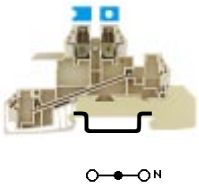
Terminals/accessories

		WDL 2.5/S/ NT/L/PE	WDL 2.5/S/ L/L
			
Max. Technical Data		32 A/4 mm²	32 A/4 mm²
Dimensions			
Width/length/height (mm)	With TS 35 x 7,5	6/84,5/48,7	6/84,5/48,7
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
Rated data		**VDE 0611 Part 4**	**IEC 947-7-1**
Rated voltage/rated current/rated cross-section		250V/400V/24 A/2,5 mm²	400 V/24 A/2,5 mm²
Rated voltage/impulse voltage/pollution severity		250V/400 V/4 kV/3	400 V/6 kV/3
Further technical data			
Tightening torque range	Nm	0,4...0,7	0,4...0,7
Torque setting with DMS2 electric screwdriver		1	1
Clampable conductor			
solid H07V-U	mm²	0,5…4	0,5…4
stranded H07V-R	mm²	1,5…4	1,5…4
flexible H07V-K	mm²	0,5…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1	mm²	0,25…4	0,25…4
flexible H07V-K and AEH with plastic insul. collar	mm²	0,25…4	0,25…4
Max. Clamping Range in mm²	Gauge pin to 947-1 Size	0,13…4 A 3	0,13…4 A 3
Continuous current rating of cross-connection Q multipole	A	24	24
UL / CSA rated data			
Voltage / current / conductor size	UL	300 V/15 A/22…12 AWG	300 V/15 A/22…12 AWG
Voltage / current / conductor size	CSA	300 V/10 A/26…12 AWG	300 V/10 A/26…12 AWG
Ordering data	**Version**	Cat. No. Qty.	Cat. No. Qty.
	for TS 35 / Wemid	**103060** 50	**103120** 50
		(NT-Connection coded blue)	
End plate		Type Cat. No. Qty.	Type Cat. No. Qty.
		WAP WDL 2.5/S **106770** 20	WAP WDL 2.5/S **106770** 20
Support plate			
	for SSch 10 x 3 Wemid blue Thickness 1,5 mm Distance WHP-WHP max. 200 mm	WHP WDL 2.5/S **106798** 20	
Small partition for Q		TSch 1 **031916** 100	TSch 1 **031916** 100
Cross-connection (L/N/NT)			
		Q 2 **107150** 50	Q 2 **107150** 50
		Q 3 **107160** 50	Q 3 **107160** 50
		Q 4 **107170** 50	Q 4 **107170** 50
		Q 10 **107180** 20	Q 10 **107180** 20
		Q 20 **107420** 20	Q 20 **107420** 20
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	
Clamping yoke			
	supply for 10 x 3 busbar 16...50 mm² stranded 16...35 mm² flexible Lehrdorn B9	ZB 35 K **050268** 50	
Neutral (N) disconnect terminals			
as supply terminals		WNT 10 **101098** 50 WNT 16 N **101900** 50 WNT 70 N **951221** 10	
End bracket			
		WEW 35 / 2 **106120** 50	WEW 35 / 2 **106120** 50
Marking tags	**Print**		
DEK	Consecutive horizontal	DEK 6 **046866** 500	DEK 6 **046866** 500
DEK	Consecutive vertical	DEK 6 **046876** 500	DEK 6 **046876** 500

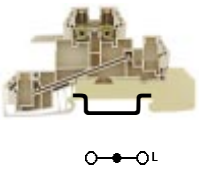
For further accessories see section 3, further marking material see section 8

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

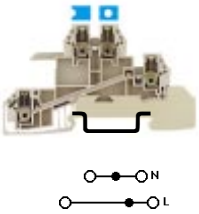
WDL 2.5/S/N



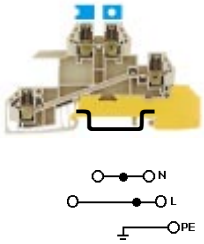
WDL 2.5/S/L



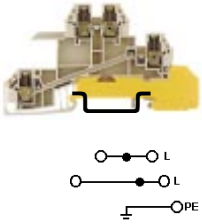
WDL 2.5/S/N/L



WDL 2.5/S/N/L/PE



WDL 2.5/S/L/L/PE



32 A/4 mm²			32 A/4 mm²			32 A/4 mm²			32 A/4 mm²			32 A/4 mm²			32 A/4 mm²		
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		
			IEC 947-7-1			**IEC 947-7-1**			**IEC 947-7-1**								
250V/400V/24 A/2,5 mm²			400 V/24 A/2,5 mm²			400 V/24 A/2,5 mm²			400 V/24 A/2,5 mm²			250V/400V/24 A/2,5 mm²			250V/400V/24 A/2,5 mm²		
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		A 3	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
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.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	103410	25		**103090**	50		**103130**	50		**103080**	50		**103070**	50		**103110**	50
Block of each	**103060 + 103120**		(NT-Connection coded blue)						(NT-Connection coded blue)			(NT-Connection coded blue)					
	103420	20															
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

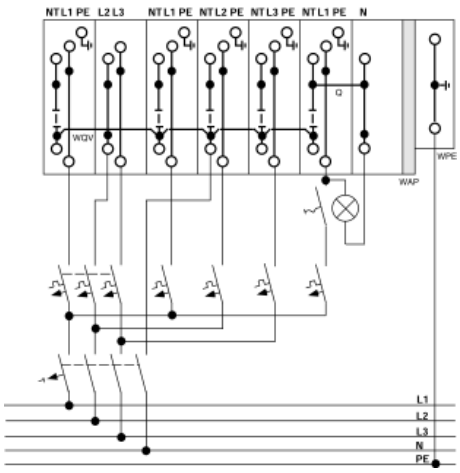
Installation specifications for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. 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 terminals strips with disconnect elements and a cross-connection system of the N conductor are available:

WDL 2.5...

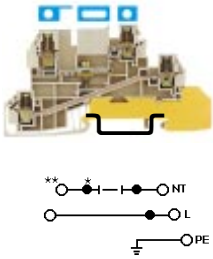
N cross-connection via the WQV 4 cross-connection system from the W series. The supply power is fed directly via a clamping yoke in the terminal.

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).

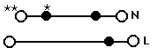
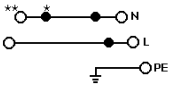
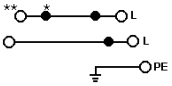


Terminals/accessories

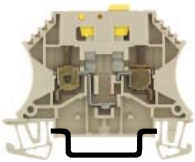
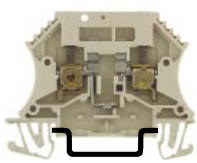
		WDL 2.5/NT/L/PE	WDL 2.5/L/L
			
Max. Technical Data		29 A/4 mm²	31 A/4 mm²
Dimensions			
Width/length/height (mm)	With TS 35 x 7,5 ⊓	6/90/48,7	6/90/48,7
Insulation stripping length/clamping screw/screwdriver blade		8 mm/M 2,5/3**/3,5 x 0,6	8 mm/M 2,5/3**/3,5 x 0,6
Rated data		**VDE 0611 Part 4**	**IEC 947-7-1**
Rated voltage/rated current/rated cross-section		250V/400V/24 A/2,5/4** mm²	400 V/24 A/2,5/4** mm²
Rated voltage/impulse voltage/pollution severity		250V/400 V/4 kV/3	400 V/6 kV/3
Further technical data			
Tightening torque range	Nm	0,4...0,7	0,4...0,7
Torque setting with DMS2 electric screwdriver		1	1
Clampable conductor			
solid H07V-U	mm²	0,5…4/6**	0,5…4/6**
stranded H07V-R	mm²	1,5…4/6**	1,5…4/6**
flexible H07V-K	mm²	0,5…4/6**	0,5…4/6**
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4/4**	0,5…4/4**
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…4/4**	0,5…4/4**
Max. Clamping Range in mm² Gauge pin to 947-1	Size	0,13…4 A 3/A 4**	A 3/A 4**
Continuous current rating of cross-connection Q multipole	A	24	24
Continuous current rating of cross-connection WQV 4 multipole	A	29 (Center supply 40A)	31
UL / CSA rated data			
Voltage / current / conductor size	UL	300 V/15 A/22…12 AWG	300 V/15 A/22…12 AWG
Voltage / current / conductor size	CSA	300 V/10 A/26…12 AWG	300 V/10 A/26…12 AWG
Ordering data	**Version**	⊓ Cat. No. Qty.	⊓ Cat. No. Qty.
	for TS 35 / Wemid	**102980** 50	**103030** 50
		(NT-Connection coded blue)	
End plate		Type Cat. No. Qty.	Type Cat. No. Qty.
		WAP WDL 2.5 **106780** 20	WAP WDL 2.5 **106780** 20
Small partition for Q…			
		TSch 1 **031916** 100	TSch 1 **031916** 100
Cross-connection (L, NT, N)			
		Q 2 **107150** 50	Q 2 **107150** 50
		Q 3 **107160** 50	Q 3 **107160** 50
		Q 4 **107170** 50	Q 4 **107170** 50
		Q 10 **107180** 20	Q 10 **107180** 20
		Q 20 **107420** 20	Q 20 **107420** 20
Cross-connection* Input (L, NT, N)			
	32 A	WQV 4/2 **105196** 50	WQV 4/2 **105196** 50
		WQV 4/3 **105456** 50	WQV 4/3 **105456** 50
		WQV 4/4 **105466** 50	WQV 4/4 **105466** 50
		WQV 4/10 **105206** 20	WQV 4/10 **105206** 20
Notching tool for WQV		WAW 1 **900450** 1	WAW 1 **900450** 1
End bracket		WEW 35 / 2 **106120** 50	WEW 35 / 2 **106120** 50
Marking tags	**Print**		
DEK	Consecutive horizontal	DEK 6 **046866** 500	DEK 6 **046866** 500
DEK	Consecutive vertical	DEK 6 **046876** 500	DEK 6 **046876** 500
WS	Blank	WS 8/5 **164074** –	WS 8/5 **164074** –
WS DEK WS	Printed	WS 8/5 **158008** –	WS 8/5 **158008** –

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

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

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**		
400 V/24 A/2,5/4** mm²	400 V/24 A/2,5/4** mm²	400 V/24 A/2,5/4** mm²	250V/400V/24 A/2,5/4** mm²	250V/400V/24 A/2,5/4** mm²
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
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.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
103010 50	**103040** 50	**103000** 50	**102990** 50	**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 disconnector
				
Max. Technical Data	16 A/1,5 mm²	16 A/1,5 mm²	16 A/1,5 mm²	16 A/1,5 mm²
Dimensions				
Width/length/height (mm) mit TS 35 x 7,5	5/60/49	5/60/49 + 18 für WSD	5/60/49 + 18 für WSD	5/60/49
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3**/3,5 x 0,6	10 mm/M 2,5/3,5 x 0,6	10 mm/M 3/3,5 x 0,6	10 mm/M 2,5/3**/3,5 x 0,6
Rated data				
Rated voltage/rated current/rated cross-section	800 V/16* A/2,5 mm²	500 V/16* A/2,5 mm²	500 V/16* A/2,5 mm²	800 V/16* A/2,5 mm²
Rated impulse voltage VDE 0110/1.89 / pollution severity	8 kV/3	6 kV/3	6 kV/3	8 kV/3
Further technical data				
Tightening torque range Nm	0,4...0,8/0,5...1,0**	0,4...0,8	0,5...1,0	0,4...0,8/0,5...1,0**
Torque setting with DMS2 electric screwdriver	1/2**	1	2	1/2**
Clampable conductor				
solid H07V-U mm²	0,5…4	0,5…4	0,5…4	0,5…4
stranded H07V-R mm²	1,5…4	1,5…4	1,5…4	1,5…4
flexible H07V-K mm²	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 mm²	0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…2,5[1])	0,5…2,5[1])	0,5…2,5[1])	0,5…2,5[1])
Max. Clamping Range in mm² Gauge pin to 947-1 Size	0,13…4 A 3	0,13…4 A 3	0,13…4 A 3	0,13…4 A 3
Continuous current rating of cross-connection 2-pole A				
Continuous current rating of cross-connection multipole A	26	26	26	26
UL / CSA rated data				
Voltage / current / conductor size UL	300 V/10 A/22…12 AWG	300 V/10 A/22…12 AWG	300 V/10 A/22…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/26…12 AWG	300 V/10 A/26…12 AWG
Ordering data **Version**	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Wemid	no StB **101110** 100	+▷– **101350** 50	+▷– **101320** 50	**101290** 100
Wemid	2 StB 2.3** **101120** 100	–◁+ **101360** 50	–◁+ **101330** 50	with StB 2.3** **101280** 100
Blue Wemid	no StB **101118** 100			
Blue Wemid	2 StB 2.3** **101128** 100			
Wemid	2 StB 2.0** **101300** 100	with wire link **101370** 50	with wire link **101340** 50	with StB 2.0** **101310** 100
Orange PA	**101116** 100			
End plate / partition	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
WAP (Thickness 1,5 mm)				
WTW Wemid	WAP 2.5–10 **105000** 50	WAP 2.5–10 **105000** 50	WAP 2.5–10 **105000** 50	WAP 2.5–10 **105000** 50
Blue Wemid	WAP 2.5–10 BL **105008** 50	WAP 2.5–10 BL **105008** 50	WAP 2.5–10 BL **105008** 50	WAP 2.5–10 BL **105008** 50
WAP Wemid	WTW 2.5–10 **105010** 20	WTW 2.5–10 **105010** 20	WTW 2.5–10 **105010** 20	WTW 2.5–10 **105010** 20
Cross-connection				
QL 2–10	QL 2 **021580** 100	QL 2 **021580** 100	QL 2 **021580** 100	QL 2 **021580** 100
	QL 3 **021590** 100	QL 3 **021590** 100	QL 3 **021590** 100	QL 3 **021590** 100
	QL 4 **021600** 50	QL 4 **021600** 50	QL 4 **021600** 50	QL 4 **021600** 50
VQB	QL 10 **033800** 20	QL 10 **033800** 20	QL 10 **033800** 20	QL 10 **033800** 20
	BS-M 2,5x4,5 **106270** 100	BS-M 2,5x4,5 **106270** 100	BS-M 2,5x4,5 **106270** 100	BS-M 2,5x4,5 **106270** 100
PS	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
	PS 2.0 (ø 2,0) **029380** 20	PS 2.0 (ø 2,0) **029380** 20	PS 2.0 (ø 2,0) **029380** 20	PS 2.0 (ø 2,0) **029380** 20
Cross-connection plug (2-pole, ø 2,3)	WDS 2 **106990** 20			
	WQB B/24 **157906** 20	WQB B/24 **157906** 20	WQB B/24 **157906** 20	WQB B/24 **157906** 20
Notching tool				
To notch the punch-out in the terminal moulding for cross-connections	WAW 2 **900451** –	WAW 2 **900451** –	WAW 2 **900451** –	WAW 2 **900451** –
Screwdriver				
SDIK	SDIK für StB **902493**		SDIK für StB **902493**	SDIK für StB **902493**
Diode plug (spare)				
–◁+	WSD 2.5 **105846** 25	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 **105856** 25
With wire link	WSD 2.5 **105866** 25	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	WSD 2.5 **105876** 25
Marking tags **Print**				
DEK Consecutive horizontal	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –	DEK 5 **047346** –
DEK Consecutive vertical	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –	DEK 5 **047356** –
WS Blank	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –	WS 12/5 **160986** –
WS Printed	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –	WS 12/5 **144746** –

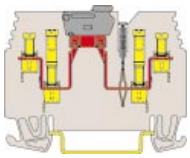
For further accessories see section 3, further marking material see section 8

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

* 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



14 A/1,5 mm²

5/60/49
7 mm/M 3/3,5 x 0,6

400 V/14* A/2,5 mm²
6 kV/3

0,5...0,6
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

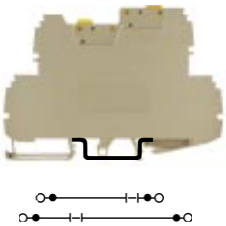
24

300 V/10 A/22…12 AWG***
300 V/10 A/26…12 AWG***

	Cat. No.	Qty.
2 StB 2.3**	**103990**	100
2 StB 2.3**	**103998**	100

Type	Cat. No.	Qty.
WAP WTR2.5/ZZ	**107460**	20
WAP WTR2.5/ZZ	**107468**	20
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
PS 2.3 (ø 2,3)	**018040**	20
SDIK für StB	**902493**	
WSD 2.5	**105846**	25
WSD 2.5	**105856**	25
WSD 2.5	**105866**	25
WSD 2.5	**105876**	25
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 8/5	**164074**	–
WS 8/5	**158008**	–

WDTR 2.5



10 A/1,5 mm²

6,2/94/69
8 mm/M 3/3,5 x 0,6

400 V/13* A/2,5 mm²
4 kV/3

0,5...0,6
2

0,5…4
1,5…4
0,5…2,5
0,5…2,5
0,5…2,5
0,13…4 A 3

24

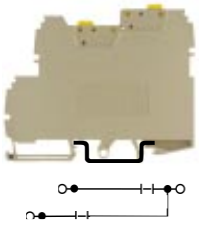
300 V/10 A/22…12 AWG***
300 V/10 A/26…12 AWG***

	Cat. No.	Qty.
	952807	25
	952808	25

Type	Cat. No.	Qty.
VQB 1.5 / 50 BL	**163328**	5
VQB 1.5 / 50 RT	**163329**	5
VQB 1.5 / 50 SW	**163512**	5
PS 2.3 (ø 2,3)	**018040**	20
SDIK für StB	**902493**	
WSD 2.5	**105846**	25
WSD 2.5	**105856**	25
WSD 2.5	**105866**	25
WSD 2.5	**105876**	25
DEK 6.5	**046816**	–
DEK 6.5	**046826**	–
WS 12/6	**160990**	–
WS 12/6	**144766**	–

*** applied for

WDTR 2.5/WE



10 A/1,5 mm²

6,2/81/69
8 mm/M 3/3,5 x 0,6

400 V/10* A/2,5 mm²
4 kV/3

0,5...0,6
2

0,5…4
1,5…4
0,5…2,5
0,5…2,5
0,5…2,5
0,13…4 A 3

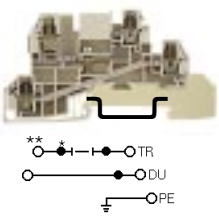
24

300 V/10 A/22…12 AWG***
300 V/10 A/26…12 AWG***

	Cat. No.	Qty.
	952809	25
	952810	25

Type	Cat. No.	Qty.
VQB 1.5 / 50 BL	**163328**	5
VQB 1.5 / 50 RT	**163329**	5
VQB 1.5 / 50 SW	**163512**	5
PS 2.3 (ø 2,3)	**018040**	20
SDIK für StB	**902493**	
WSD 2.5	**105846**	25
WSD 2.5	**105856**	25
WSD 2.5	**105866**	25
WSD 2.5	**105876**	25
DEK 6.5	**046816**	–
DEK 6.5	**046826**	–
WS 12/6	**160990**	–
WS 12/6	**144766**	–

WDL 2.5TR-DU-PE



29 A/4 mm²

6/90/48,7
8 mm/M 2,5/3**/3,5 x 0,6

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

0,4...0,7
1

0,5…4
1,5…4
0,5…4
0,5…4
0,5…4
0,13…4 A 3

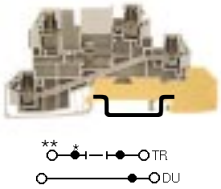
20
40

300 V/15 A/22…12 AWG
300 V/10 A/26…12 AWG

	Cat. No.	Qty.
	102981	50

Type	Cat. No.	Qty.
WAP WDL 2.5	**106780**	20
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
DEK 6	**046866**	500
DEK 6	**046876**	500
WS 8/5	**164074**	–
WS 8/5	**158008**	–

WDL 2.5TR-DU



31 A/4 mm²

6/90/48,7
8 mm/M 2,5/3**/3,5 x 0,6

400 V/24 A/2,5/4** mm²
400 V/6 kV/3

0,4...0,7
1

0,5…4
1,5…4
0,5…4
0,5…4
0,5…4
A 3

20
40

300 V/15 A/22…12 AWG
300 V/10 A/26…12 AWG

	Cat. No.	Qty.
	102982	50

Type	Cat. No.	Qty.
WAP WDL 2.5	**106780**	20
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
DEK 6	**046866**	500
DEK 6	**046876**	500
WS 8/5	**164074**	–
WS 8/5	**158008**	–

SAKC 4/35

6,5/49,5/42,5/59,5
12 mm/M 3/3,5 x 0,6

400 V/25 A/4 mm²
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

10
10

300 V/-/22…12 AWG
300 V/25 A/22…10 AWG

	Cat. No.	Qty.
KrG	**035756**	50
KrG 2StB 2,3	**035766**	50

Type	Cat. No.	Qty.
AP	**017760**	20
TW(1.5)	**013016**	20
TW(1.0)	**029710**	20
QB 2	**048270**	100
QB 3	**048280**	50
QB 4	**048290**	50
Q 25 Blank	**013400**	20
PS 2.3 (ø 2.3)	**018040**	20
DEK 6,5	**046816**	-
DEK 6,5	**046826**	-

Disconnect test terminal blocks

	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
	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 mm²	250 V/10 A/1,5 mm²	250 V/10 A/1,5 mm²
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 mm²	0,5…2,5	0,5…2,5	0,5…2,5
stranded H07V-R mm²	1,5…2,5	1,5…2,5	1,5…2,5
flexible H07V-K mm²	0,5…1,5	0,5…1,5	0,5…1,5
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…1,5	0,5…1,5	0,5…1,5
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…1,5	0,5…1,5	0,5…1,5
Max. Clamping Range in mm² Gauge pin to 947-1 Size	0,13…2,5 A 2	0,13…2,5 A 2	0,13…2,5 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	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. Qty.	Cat. No. Qty.
Wemid			
Wemid			
Blue Wemid			
Blue Wemid			
Wemid			
Dark beige/yellow Wemid	**101580** 25	**101590** 25	**101600** 25
Beige/yellow PA	**101586** 25	**101556** 25	**101576** 25
Blue/hellblau PA			**101616** 25
Orange PA			
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**			
DEK Consecutive horizontal	DEK 6.5 **046816** –	DEK 6.5 **046816** –	DEK 6.5 **046816** –
DEK Consecutive vertical	DEK 6.5 **046826** –	DEK 6.5 **046826** –	DEK 6.5 **046826** –
WS Blank	WS 8/5 **164074** –	WS 8/5 **164074** –	WS 8/5 **164074** –
WS DEK WS Printed	WS 8/5 **158008** –	WS 8/5 **158008** –	WS 8/5 **158008** –

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

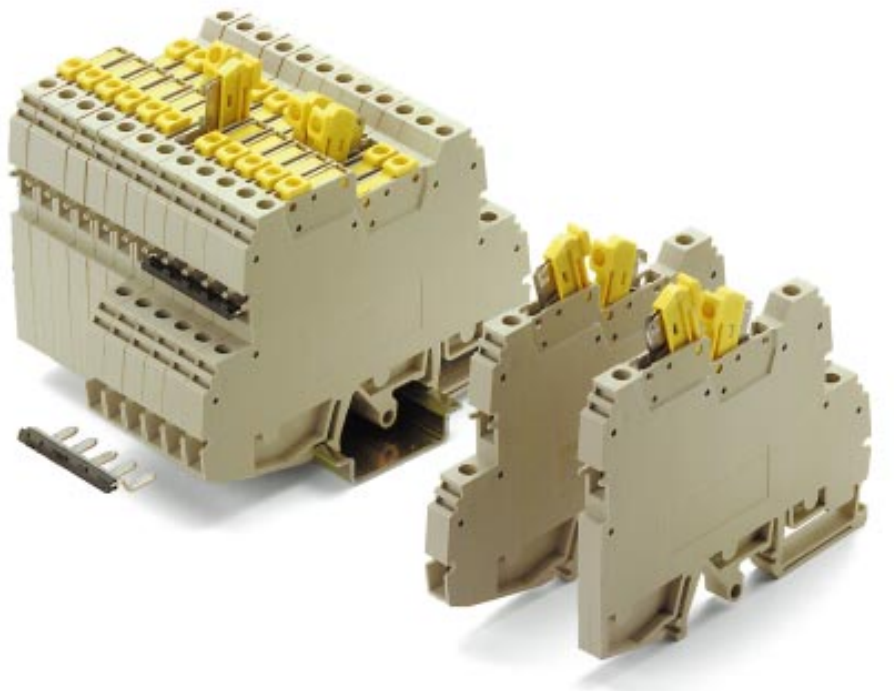
[1]) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

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.

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



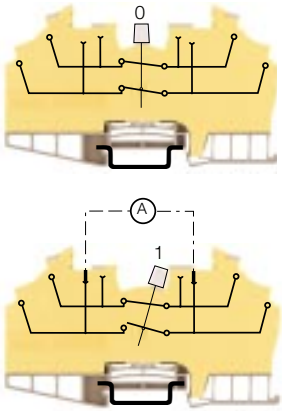
Switching examples
WDT 1.5/…
Disconnect test terminals
W series

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.

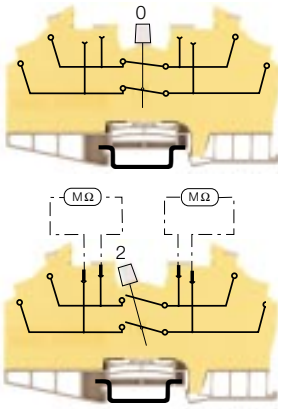
- quick and reliable conductor connection thanks to TOP connection with open terminal point
- test point via plug socket
- clear colour coding of conductor connection, test point and switch position
- non-symmetrical shape enhances mounting rail orientation
- high distortion stiffness thanks to dual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

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

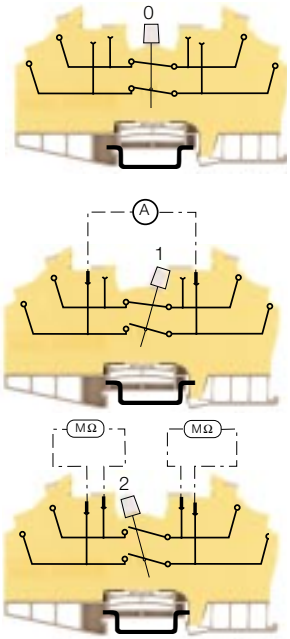
WDT 1.5/1
with space-saving TOP connection



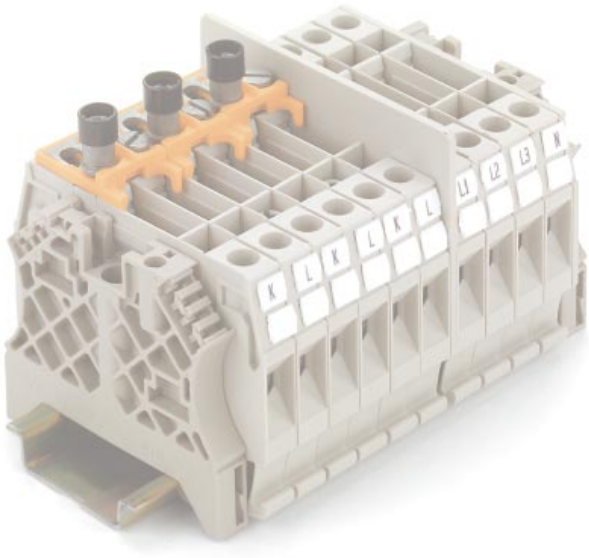
WDT 1.5/2
with space-saving TOP connection



WDT 1.5/3
with space-saving TOP connection



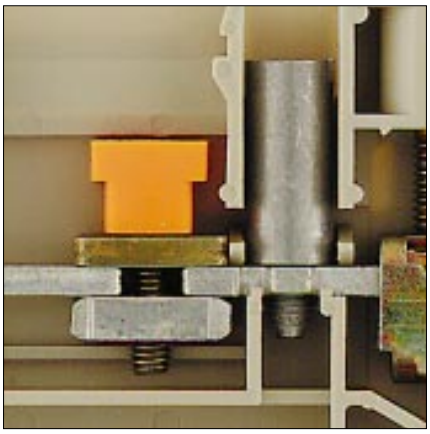
Testing - Made easy
WTL 6/1/STB
WTQ 6/1
WTD 6/1



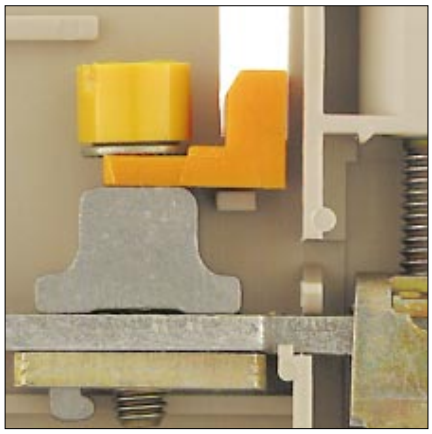
Current transformer circuits must always have closed a secondary current circuit. The same applies to the exchange of information from measuring instruments or electricity meters and when carrying out reference measurements with external measuring instruments.

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.

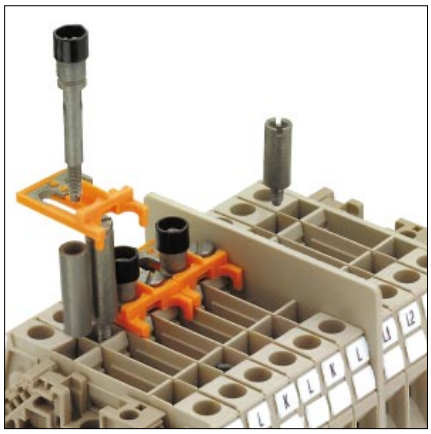
Examples: simple current transformer circuits, transformer test sets, etc.



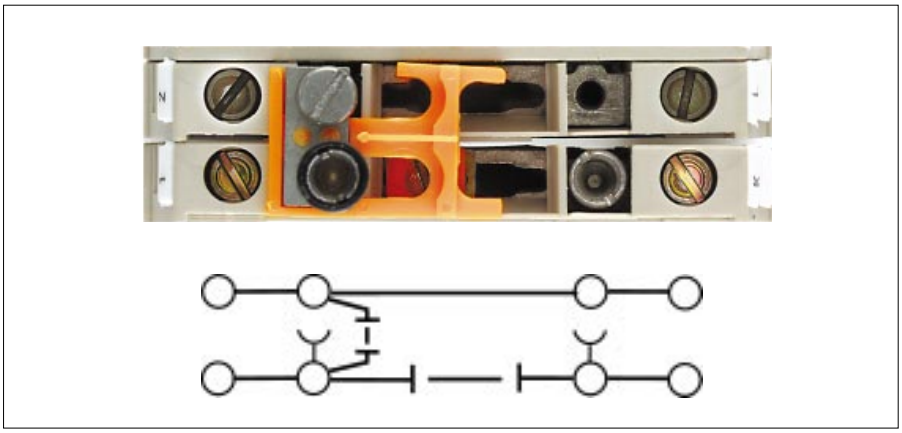
Slide linck that are easy to apply



Safe cross-connections



Standard accessories



1 cross-connection slider per terminal

2 DEK-labels per connection point

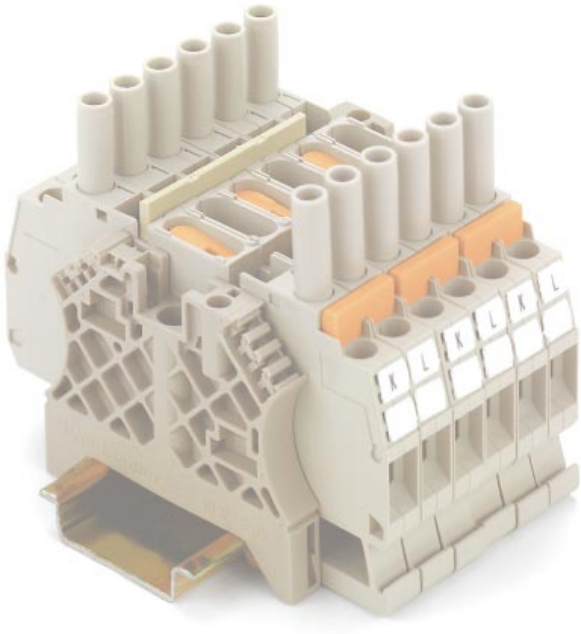
The New Generation of Current Transformer Terminals

WTL 6/2
WTL 6/3/STB

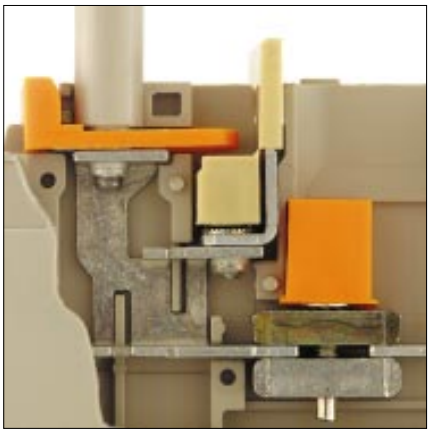
All circuits found in practice can be realised with WTL6/2 terminals (only one basic version) and only a few accessory parts.

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.

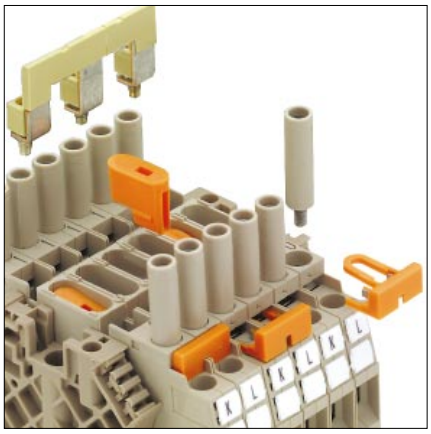
The WTL 6/3 terminal is the safe-handling version of the WTL 6/2 terminal. Due to the specially designed test sockets, either conventional test plugs or commercially available safety tests plugs can be used.



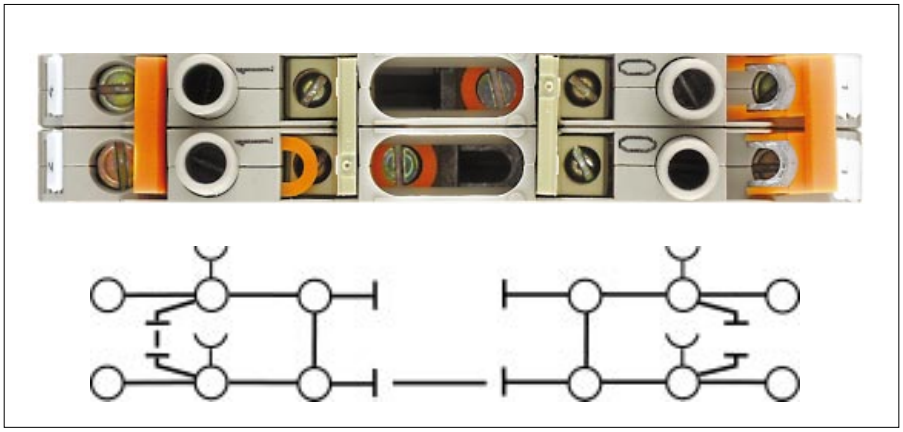
Testing ponits that are protected against finger-touch to VBG 4



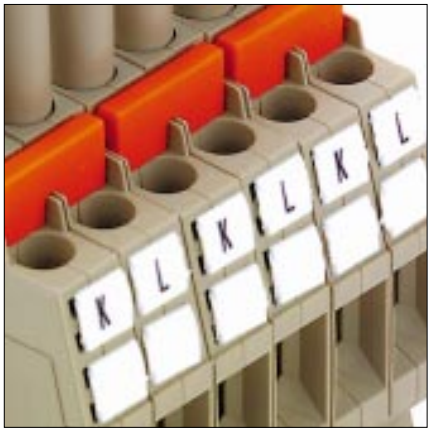
Compact construction: Slide linck, cross-connection, cross-connection slider



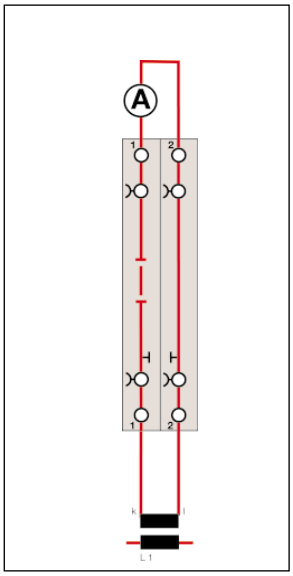
Optimised accessories for all circuit variants

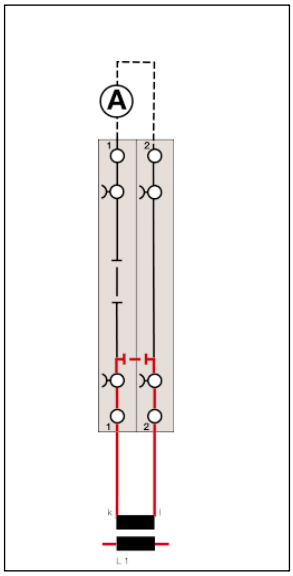


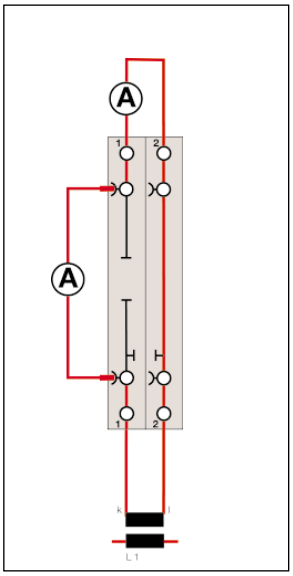
2 cross-connections sliders and 2 cross-connections per terminal

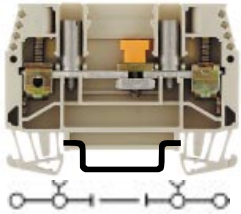


2 DEK-labels per connection point

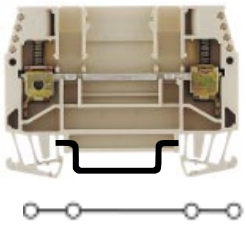




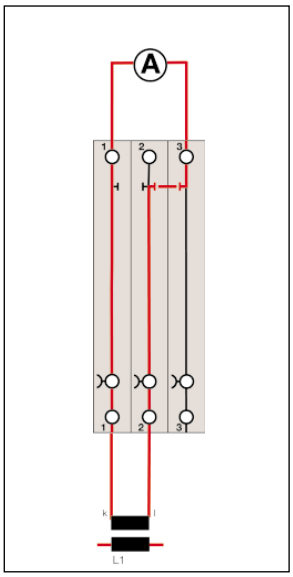


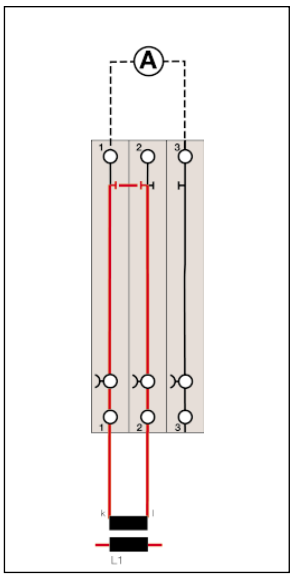


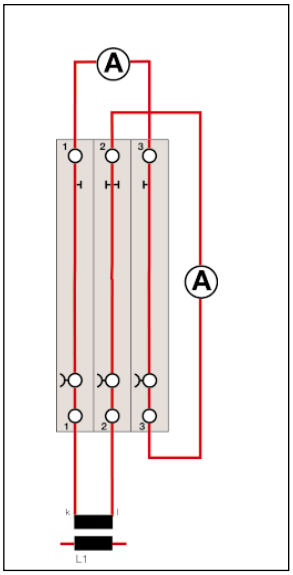
WTL 6/1/STB

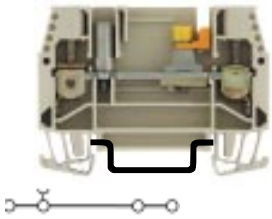


WTD 6/1

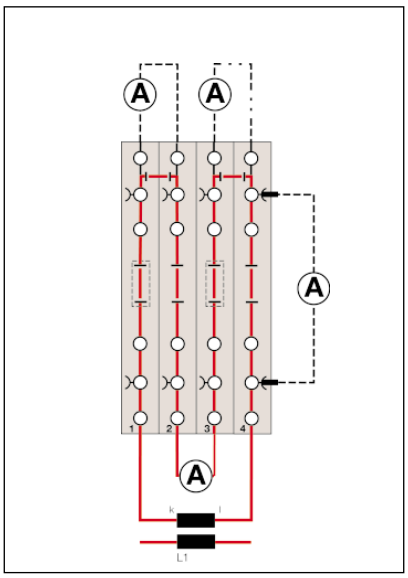


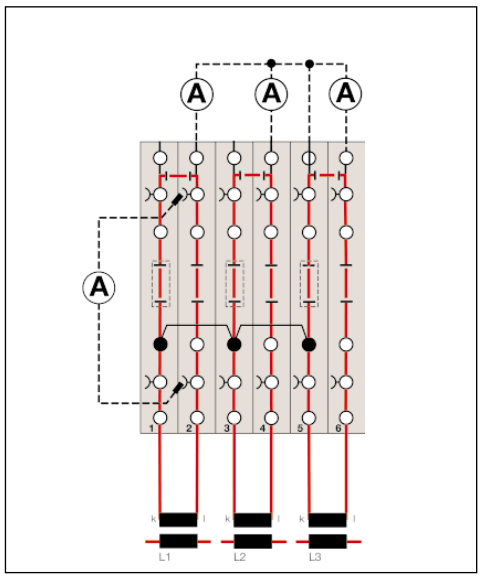


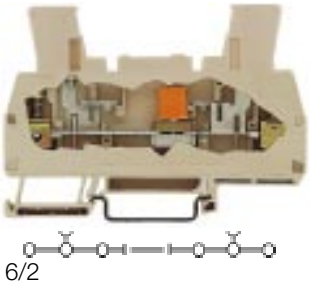




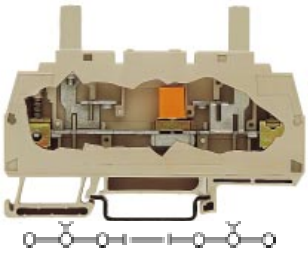
WTQ 6/1







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

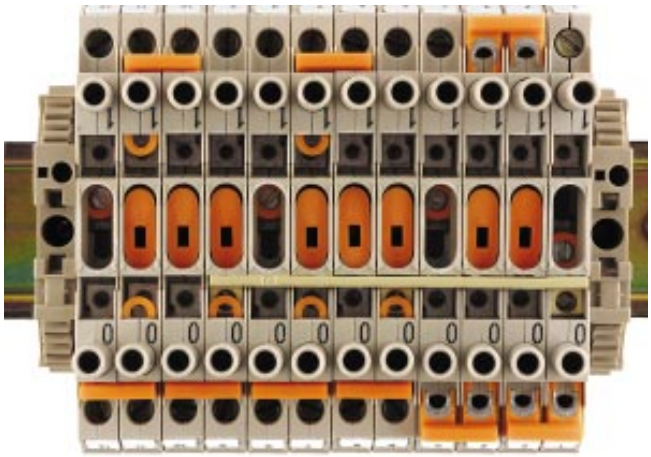
1. The K-point must be routed together from the transformers to the measurement terminal set, so that only 4 wires are required.

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.



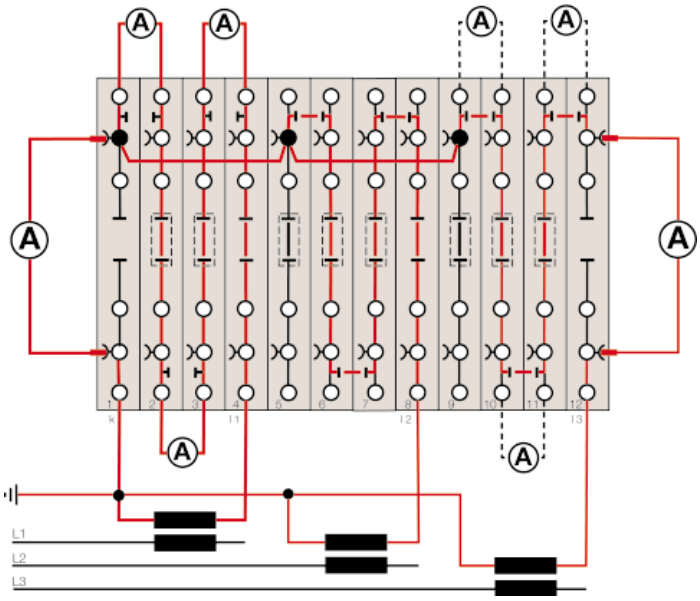
Solution

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 linck opened

L2 Transformer Short-Circuit
Cross-connection slider closed =>
Ammeter disconnected

L-3 Control Measurement by External Ammeter
Control ammeter connected =>
Slide linck opened
3 cross-connection sliders closed =>
3 ammeter disconnected



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

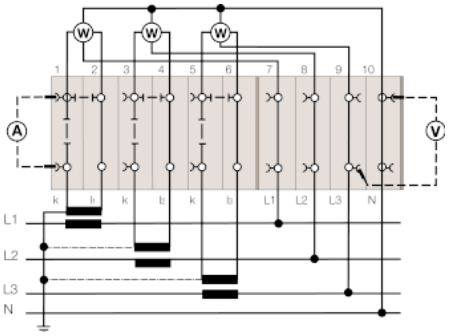
Measurement transformer test sets.

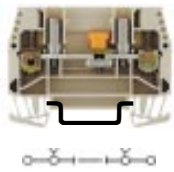
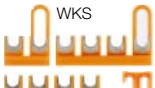
With one basic version, the WTL 6/2 can fulfill all circuit tasks occurring in practice as a lateral disconnect terminal. The short-circuit slides are of shock-proof design. Two short-circuit slides can be installed.

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.

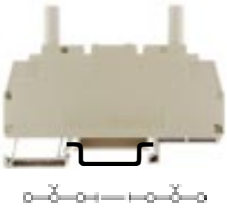
Meter test set with WTL 6/1

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



		WTL 6/1/STB		WTD 6/1	
					
Max. Technical Data		57 A/10 mm²		57 A/10 mm²	
Dimensions					
Width/length/height (mm)	mit TS 35 x 7,5 ⊓⊔	8/65/48,2		8/65/48,2	
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 3,5/3*/4,0 x 0,8		12 mm/M 3,5/3*/4,0 x 0,8	
Rated data					
Rated voltage/rated current/rated cross-section		500 V**/41 A/6 mm²		400 V/41 A/6 mm²	
Rated impulse voltage VDE 0110/1.89 / pollution severity		6 kV/3		6 kV/3	
Further technical data					
Tightening torque range	Nm	0,8...1,6/0,4...0,8*		0,8...1,6/0,4...0,8*	
Torque setting with DMS2 electric screwdriver		3		3	
Clampable conductor					
solid H07V-U	mm²	0,5…10		0,5…10	
stranded H07V-R	mm²	1,5…10		1,5…10	
flexible H07V-K	mm²	0,5…10		0,5…10	
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…6		0,5…6	
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…6		0,5…6	
Max. Clamping Range in mm² Gauge pin to 947-1	Size	0,5…10	A 5	0,5…10	A 5
Continuous current rating of cross-connection 2…5 -pole	A	(QL 2…5) 47		(QL 2…5) 47	
Continuous current rating of cross-connection 6…10 -pole	A	(QL 6…10) 36		(QL 6…10) 36	
UL / CSA rated data					
Voltage / current / conductor size	UL	600 V/45 A/20…8 AWG		600 V/45 A/20…8 AWG	
Voltage / current / conductor size	CSA	300 V/45 A/20…8 AWG		300 V/45 A/20…8 AWG	
Ordering data	**Type**	⊓⊔	Cat. No. Qty.	⊓⊔	Cat. No. Qty.
With Socket	Wemid		**101690** 50		
Without Socket	Wemid		**101670** 50		**101710** 50
End plate / partition		Type	Cat. No. Qty.	Type	Cat. No. Qty.
Thickness 1,5 mm		WAP WTL	**106830** 20	WAP WTL	**106830** 20
		WTW WTL	**106840** 20	WTW WTL	**106840** 20
Small partition					
		TSch 2	**035366** 100	TSch 2	**035366** 100
Cross-connections					
QL 2	2-pole	QL 2	**019430** 50	QL 2	**019430** 50
QL 3	3-pole	QL 3	**019440** 50	QL 3	**019440** 50
QL 4	4-pole	QL 4	**019450** 50	QL 4	**019450** 50
	10-pole	QL 10	**033830** 20	QL 10	**033830** 20
QVS		BS M 3x20 Cu	**037710** 100	BS M 3x20 Cu	**037710** 100
	WQV	VH 12	**024900** 100	VH 12	**024900** 100
WKS		QVS 2	**030730** 20	QVS 2	**030730** 20
		QVSK 2	**167036** 20	QVSK 2	**167036** 20
	VH 12	QVS 3	**032930** 20	QVS 3	**032930** 20
		QVS 4	**030740** 20	QVS 4	**030740** 20
WKB QVS K2		BS 25 blank	**033470** 100	BS 25 blank	**033470** 100
	VH 19	VH 19	**031800** 100	VH 19	**031800** 100
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).		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		
Disconnect lock					
Prevents undesired opening of the disconnector		SSP 3	**053176** 100		
Test plug					
		PS 4	**029960** 20	PS 4	**029960** 20
Marking tags	**Print**				
DEK	Consecutive horizontal	DEK 8	**127696** –	DEK 8	**127696** –
DEK	Consecutive vertical	DEK 8	**128966** –	DEK 8	**128966** –
WS	Blank	WS 12/6,5	**160992** –	WS 12/6,5	**160992** –
WS DEK WS	Printed	WS 12/6,5	**156895** –	WS 12/6,5	**156895** –

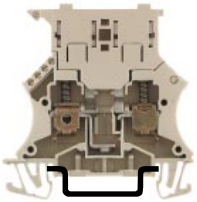
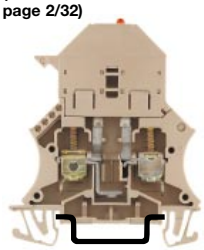
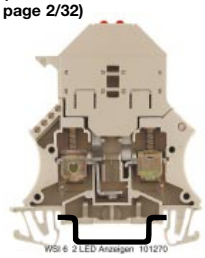
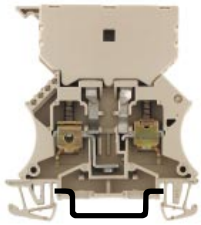
* Disconnect element ** 400 V as disconnect terminal block

WTQ 6/1	WTL 6/2	WTL 6/3/STB
		
57 A/10 mm²	57 A/10 mm²	57 A/10 mm²
8/65/48,2	8/87/61,8	8/87/61,8
12 mm/M 3,5/3*/4,0 x 0,8	-/M 3,5/3*/4,0 x 0,8	-/M 3,5/3*/4,0 x 0,8
400 V/41 A/6 mm²	400 V/41 A/6 mm²	400 V/41 A/6 mm²
6 kV/3	6 kV/3	6 kV/3
0,8...1,6/0,4...0,8*	0,8...1,6/0,4...0,8*	0,8...1,6/0,4...0,8*
3	3	3
0,5…10	0,5…10	0,5…10
1,5…10	1,5…10	1,5…10
0,5…10	0,5…10	0,5…10
0,5…6	0,5…6	0,5…6
0,5…6	0,5…6	0,5…6
0,5…10 A 5	0,5…10 A 5	0,5…10 A 5
(QL 2…5) 47	63	63
(QL 6…10) 36	63	63
600 V/45 A/20…8 AWG	600 V/45 A/20…8 AWG	600 V/45 A/20…8 AWG
300 V/45 A/20…8 AWG	300 V/45 A/20…8 AWG	–
Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
101810 50	**101770** 50	**101860** 50
101790 50		**101880** 50
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
WAP WTL **106830** 20		
WTW WTL **106840** 20		
TSch 2 **035366** 100		
QL 2 **019430** 50	WKS 1/2 **160427** 50	WKS 1/2 **160427** 50
QL 3 **019440** 50	WKS 1/3 **160429** 50	WKS 1/3 **160429** 50
QL 4 **019450** 50	WKS 1/4 **160431** 50	WKS 1/4 **160431** 50
QL 10 **033830** 20		
BS M 3x20 Cu **037710** 100		
VH 12 **024900** 100		
WKB 1/2 **160428** 50	WQV 6/2 **105236** 50	WQV 6/2 **105236** 50
WKB 1/3 **160430** 50	WQV 6/3 **105476** 50	WQV 6/3 **105476** 50
WKB 1/4 **160432** 50	WQV 6/4 **105486** 50	WQV 6/4 **105486** 50
WKB 1/10 **160433** 20	WQV 6/10 **105226** 20	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 **127696** –	DEK 8 **127696** –
DEK 8 **128966** –	DEK 8 **128966** –	DEK 8 **128966** –
WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –
WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	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

	WSI 6 for metric fuses	WSI 6 LD with LED indicator for metric fuses for **DC or AC voltage (see note in first column of page 2/32)**	WSI 6 2 LD with 2 LED's for metric fuses for **DC voltage (see note in first column of page 2/32)**	WSI 6/2[1] **for inch fuses**
				
Max. Technical Data	6,3 A/-	6,3 A/-	6,3 A/-	10 A/-
Dimensions				
Width/length/height (mm) With TS 35 x 7,5	8/60/60	8/60/70	8/60/70	12/60/67
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 Reihenklemmenunterteil				
Rated voltage/rated current/rated cross-section	500 V/6,3 A[2])/6 mm²	500 V/6,3 A[2])/6 mm²	500 V/6,3 A[2])/6 mm²	500 V/6,3 A[2])/6 mm²
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 DMS2 electric screwdriver	3	3	3	3
Clampable conductor				
solid H07V-U mm²	0,5…10	0,5…10	0,5…10	0,5…10
stranded H07V-R mm²	1,5…10	1,5…10	1,5…10	1,5…10
flexible H07V-K mm²	0,5…10	0,5…10	0,5…10	0,5…10
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…6	0,5…6	0,5…6	0,5…6
flexible H07V-K and AEH with plastic insul. collar mm²	0,5…6	0,5…6	0,5…6	0,5…6
Max. Clamping Range in mm² Gauge pin to 947-1 Size	0,5…10 A 5	0,5…10 A 5	0,5…10 A 5	0,5…10 A 5
Continuous current rating of cross-connection 2-pole A				
Continuous current rating of cross-connection multipole A	26	26	26	26
UL / CSA rated data				
Voltage / current / conductor size UL	300 V/10 A/20…8 AWG	300 V/10 A/20…8 AWG	300 V/10 A/20…8 AWG	600 V/16 A/20…8 AWG
Voltage / current / conductor size CSA	300 V/10 A/20…8 AWG	300 V/10 A/20…8 AWG	24 V/10 A/20…8 AWG	600 V/16 A/20…8 AWG
Ordering data **Version**	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
	101100 50	12 V–/24 V~ **101130** 50	24 V– **101270** 50	**101400** 25
Wemid		20-30 V–/40-60 V~ **101220** 50	48 V– **805575** 50	
Wemid		40-60 V–/80-120 V~ **101230** 50	60 V– **813395** 50	
Wemid	Dis. term. w/contact sleeve **102820** 50	115 V–/230 V~ **101240** 50		
Partition/End plate	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
WTW WAP	WAP **105000** 50	WAP **105000** 50	WAP **105000** 50	WAP **105000** 50
	WTW 2.5-10 **105010** 20	WTW 2.5-10 **105010** 20	WTW 2.5-10 **105010** 20	WTW 2.5-10 **105010** 20
Thickness 1,5 mm Thickness 1,5 mm	Install partition after last WSI 6	Install partition after last WSI 6	Install partition after last WSI 6	Install partition after last WSI 6
Cross-connection				
QL 2–10	QL 2 **019430** 50	QL 2 **019430** 50	QL 2 **019430** 50	QL 2 **047070** 50
	QL 3 **019440** 50	QL 3 **019440** 50	QL 3 **019440** 50	QL 3 **047080** 50
	QL 4 **019450** 50	QL 4 **019450** 50	QL 4 **019450** 50	QL 4 **047090** 50
	QL 10 **033830** 20	QL 10 **033830** 20	QL 10 **033830** 20	QL 10 **047100** 20
BS	BS-M 3x5 **105210** 100	BS-M 3x5 **105210** 100	BS-M 3x5 **105210** 100	BS-M 3x5 **105210** 100
PS	PS 2.3 **018040** 20	PS 2.3 **018040** 20	PS 2.3 **018040** 20	PS 2.3 **018040** 20
Notching tool for QL WAW 2	WAW 2 **900451** –	WAW 2 **900451** –	WAW 2 **900451** –	WAW 2 **900451** –
G fuse cartridges 5x25 mm with indicator[3])				
to DIN 41 576 Rated current (A): 0,2 med.blow	**054690** 10	**054690** 10	**054690** 10	Fuse cartridges
Rated voltage 250 V AC 0,5 med.blow	**051030** 10	**051030** 10	**051030** 10	1/4"x 1 1/4"(6.3 x 32)
0,8 med.blow	**064640** 10	**064640** 10	**064640** 10	Rated voltage 440 V
1 med.blow	**026580** 10	**026580** 10	**026580** 10	E 2 A **029450** 10
10 med.blow	**019310** 10	**019310** 10	**019310** 10	E 3 A **029570** 10
2 rapid blow	**019270** 10	**019270** 10	**019270** 10	E 5 A **029460** 10
4 rapid blow	**019280** 10	**019280** 10	**019280** 10	E 7 A **029580** 10
6,3 rapid blow	**019290** 10	**019290** 10	**019290** 10	E 10 A **029390** 10
G fuse cartridges 5x20 mm[3])				
to DIN 41660 IEC 127 type 1 Rated current (A):				
Rated voltage 250 V AC 0.20 rapid blow	**043040** 10	**043040** 10	**043040** 10	G fuses
Switching capacity 1500 A 0.25 rapid blow	**043050** 10	**043050** 10	**043050** 10	1/4"x1"(6.3 x 25)
(at 250 V, 50 Hz, cos φ = 0.7) 0.50 rapid blow	**043060** 10	**043060** 10	**043060** 10	(250 V 0.05…6.3 A)
1.0 rapid blow	**043070** 10	**043070** 10	**043070** 10	Available from Messrs ELU
1.6 rapid blow	**043080** 10	**043080** 10	**043080** 10	Inselstraße 18
2.0 rapid blow	**043090** 10	**043090** 10	**043090** 10	D-44143 Dortmund
2.5 rapid blow	**043100** 10	**043100** 10	**043100** 10	+231 – 528138
G fuse cartridges 5x30 mm 3.15 rapid blow	**043110** 10	**043110** 10	**043110** 10	
(500 V AC/0.032…6.3 A), 4.0 rapid blow	**043120** 10	**043120** 10	**043120** 10	
Available from Wickmann-Werke GmbH, 5.0 rapid blow	**043130** 10	**043130** 10	**043130** 10	
Annenstr. 113, 58453 Witten, Tel. +2302/6620 6.3 rapid blow	**043140** 10	**043140** 10	**043140** 10	
Marking tags **Print**				
DEK Consecutive horizontal	DEK **047346** –	DEK **047346** –	DEK **047346** –	DEK **047346** –
DEK Consecutive vertical	DEK **047356** –	DEK **047356** –	DEK **047356** –	DEK **047356** –
WS Blank	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –	WS 12/6,5 **160992** –
WS DEK WS Printed	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –	WS 12/6,5 **156895** –

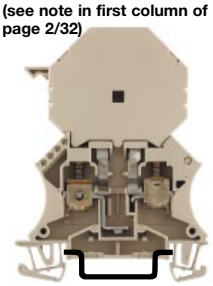
For further accessories see section 3, further marking material see section 8

[1]) Rated thermal current to VDE 0611 = 6.3 A when used as a short-circuit fuse up to 15 A..

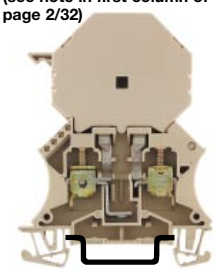
[2]) Maximum power loss 1.6 W

[3]) Note power loss of fuse cartridge up to 1.6 Watt

WSI 6/2[1]) with LED
for V AC/V DC inch fuses (see note in first column of page 2/32)



WSI 6/2[1]) with 2 LEDs
for V DC inch fuses only (see note in first column of page 2/32)



SAKS 4/35
for D 01-fuse **E 14**

SAKS 2/35
for D-fuse **E 16**

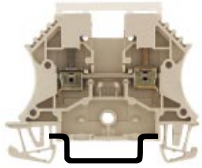
SAKS 5/35
for D 02-fuse **E 18**

10 A/-			10 A/-								
12/60/79			12/60/79			24/75/66			28/80/75			28/80/66		
12 mm/M 3,5/4,0 x 0,8			12 mm/M 3,5/4,0 x 0,8			14 mm/M 4/5,5 x 1			12 mm/M 4/5,5 x 1			13 mm/M 4/5,5 x 1		
500 V/6,3 A[2])/6 mm²			500 V/6,3 A[2])/6 mm²			400 V~[4])/16 A/10 mm²			500 V~/10 (25) A[5])/10 mm²			400 V~[4])/63 A/16 mm²		
6 kV/3			6 kV/3			6 kV/3			6 kV/3			6 kV/3		
0,8…1,6			0,8…1,6			1,2…2,4			1,2…2,4			1,2…2,4		
3			3			4			4			4		
0,5…10			0,5…10			0,5…16			0,5…16			1,5…16		
1,5…10			1,5…10			1,5…10			0,5…10			1,5…16		
0,5…10			0,5…10			0,5…10			0,5…10			1,5…16		
0,5…6			0,5…6			0,5…10			0,5…10			1,5…16		
0,5…6			0,5…6											
0,5…10		A 5	0,5…10		A 5	0,33…16		B 6	0,33…16		B 6	1,5…16		B 7
						(QL 2…5) 47			(QL 2…5) 47			(QL 2…5) 47		
26			26			(QL 6…10) 36			(QL 6…10) 36			(QL 6…10) 36		
600 V/16 A/20…8 AWG			600 V/16 A/20…8 AWG											
10–220 V/16 A/20…8 AWG			24 V/16 A/20…8 AWG			600 V/30 A/22…8 AWG			600 V/25 A/22…8 AWG			600 V/63 A/14…6 AWG		
	Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
14 V–/10-28 V~	**101410**	25	24 V–	**101450**	25									
15-30 V–/30-60 V~	**101420**	25				Wemid beige KrG	**050180**	20	Wemid beige KrG	**136870**	20	Wemid beige KrG	**050210**	20
40-60 V–/80-120 V~	**101430**	25				Neozed D 01			Diazed E 16			Neozed D 02		
110 V–/220 V~	**101440**	25												
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WAP	**105000**	50	WAP	**105000**	50									
WTW 2.5-10	**105010**	20	WTW 2.5-10	**105010**	20									
Install partition after last WSI 6			Install partition after last WSI 6											
QL 2	**047070**	50	QL 2	**047070**	50	QL 2	**032800**	20	QL 2	**020780**	20	QL 2	**020780**	20
QL 3	**047080**	50	QL 3	**047080**	50	QL 3	**032810**	20	QL 3	**020790**	20	QL 3	**020790**	20
QL 4	**047090**	50	QL 4	**047090**	50	QL 4	**032820**	20	QL 4	**020800**	20	QL 4	**020800**	20
QL 10	**047100**	20	QL 10	**047100**	20	QL 10	**033900**	20	QL 10	**033890**	20	QL 10	**033890**	20
BS-M 3x5	**105210**	100	BS-M 3x5	**105210**	100	BS M 4x9	**010330**	100	BS M 4x9	**010330**	100	BS M 4x9	**010330**	100
PS 2.3	**018040**	20	PS 2.3	**018040**	20	SS M 4	**013640**	100	SS M 4	**013640**	100	SS M 4	**013640**	100
WAW 2	**900451**	–	WAW 2	**900451**										
Fuse cartridges			Fuse cartridges			Fuse cartridges D 01			Fuse cartridges D			Fuse cartridges D 02		
1/4"x 1 1/4"(6.3 x 32)			1/4"x 1 1/4"(6.3 x 32)			Rated voltage 380 V			Rated voltage 380 V			Rated voltage 500 V		
Rated voltage 440 V			Rated voltage 440 V											
E 2 A	**029450**	10	E 2 A	**029450**	10	E 14/2	**013740**	10	E 10 A	**020850**	25	E 18/20	**036130**	10
E 3 A	**029570**	10	E 3 A	**029570**	10	E 14/4	**013750**	10	E 16 A	**020860**	25	E 18/25	**036140**	10
E 5 A	**029460**	10	E 5 A	**029460**	10	E 14/6	**032830**	10	E 20 A	**020870**	25	E 18/35	**036150**	10
E 7 A	**029580**	10	E 7 A	**029580**	10	E 14/10	**032840**	10	E 25 A	**020880**	25	E 18/50	**036160**	10
E 10 A	**029390**	10	E 10 A	**029390**	10	E 14/16	**032850**	10				E 18/63	**036170**	10
						Gauge rings			Gauge rings			Gauge rings		
						P 14/2	**013800**	50						
						P 14/4	**013810**	50						
						P 14/6	**032860**	50						
						P 14/10	**032870**	50	P 16/10	**020890**	100			
									P 16/16	**020900**	100			
									P 16/20	**020910**	100	P 18/20	**036180**	50
												P 18/25	**036190**	50
												P 18/35	**036200**	50
												P 18/50	**036210**	50
						Screw cap (spare)			Screw cap (spare)			Screw cap (spare)		
						SK	**033941**	20	SK	**028411**	20	SK	**035931**	20
DEK	**047346**	–	DEK	**047346**	–	DEK 5	**047346**		DEK 5	**047346**		DEK 5	**047346**	
DEK	**047356**	–	DEK	**047356**	–	DEK 5	**047356**		DEK 5	**047356**		DEK 5	**047356**	
WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–	WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–	WS 12/6,5	**156895**	–

[4]) Also for 440 V~ with Neozed-marine fuse

[5]) Current for overload up to 10 A, for short-current up to 25 A

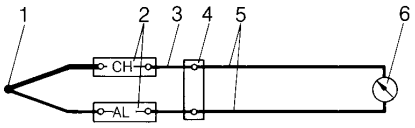
WDU 2.5/TC



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

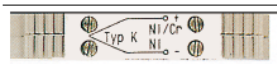
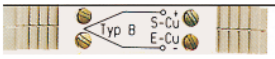
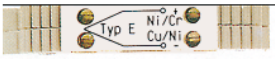


1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply conductors (to and from)
6 Measuring instrument

he 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	10/60/50,5	
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 mm²	
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	mm²	0,5…2,5	
stranded H07V-R	mm²	1,5…2,5	
flexible H07V-K	mm²	0,5…2,5	
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5	
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…2,5	
Max. Clamping Range in mm², 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**		Cat. No.	Qty.
for Thermocouples		Type K	NiCr – Ni		**102410**	50
to IEC 584	Type T	Cu – CuNi			**102420**	50
(DIN 43710)	Type J	Fe – CuNi			**102430**	50
	Type S u. R	PT 10% – Pt Rh/PT 13% – Pt Rh			**102440**	50
	Type B	Pt 30% Rh – Pt 6% Rh			**103370**	50
	Type E	NiCr – CuNi			**103330**	50

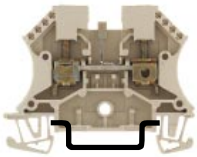
End plate / partition		Type	Cat. No.	Qty.
WAP (Thickness 1,5 mm)	Wemid	WAP 2.5-10	**105000**	50
WTW (Thickness 1,5 mm)	Wemid	WTW 2.5-10	**105010**	20

Marking tags		**Print**			
DEK		Consecutive horizontal	DEK 5	**047346**	–
DEK		Consecutive vertical	DEK 5	**047356**	–
WS		Blank	WS 12/5	**160986**	–
WS	DEK WS	Printed	WS 12/5	**144746**	–

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

Feed-through terminals with WSA plug adaptor

WDU 4 SA



Max. Technical Data			
Dimensions			
Width/length/height (mm) With TS 35 x 7,5		6/60/47	
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 3/3,5 x 0,6	
Rated data			
Rated voltage/rated current/rated cross-section		400 V/34 A/4 mm²	
Rated impulse voltage VDE 0110/1.89 / pollution severity		6 kV/3	
Further technical data			
Tightening torque range	Nm	0,5...1,0	
Torque setting with DMS2 electric screwdriver		2	
Clampable conductor			
solid H07V-U	mm²	0,5…6	
stranded H07V-R	mm²	1,5…6	
flexible H07V-K	mm²	0,5…4	
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4	
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…4	
Max. Clamping Range in mm², Gauge pin to 947-1	Size	0,13…6	A 4
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/25 A/22…12 AWG	
Voltage / current / conductor size	CSA	300 V/–/22…12 AWG	
Ordering data	Type	Cat. No.	Qty.
		102110	100
	blue	**102118**	100

End plate	Type	Cat. No.	Qty.
WAP (Thickness 1,5 mm)	WAP 2.5-10	**105000**	50
	WAP 2.5-10	**105008**	50
Partition			
WTW (Thickness 1,5 mm)	WTW 2.5-10	**105010**	20
	WTW 2.5-10	**105018**	20
Cross-connection			
WQV			
Screen lug LS 2.8	LS 2.8	**105640**	50
Plug adaptor WSA 2			
380 V~/10 A/1,5 mm² Version with crimp connection	WSA 2[1])	**050236**[3])	20
	WSA 2[2])	**052976**[3])	20
Green	WSA 2[2])	**052965**[3])	20
	WSA 2[2])	**052956**[4])	20
Version with screw connection TOP-system	WSA 2 TOP[1])	**133396**[3])	20
	WSA 2 TOP[2])	**133386**[3])	20
Green	WSA 2 TOP[2])	**133405**[3])	20
	WSA 2 TOP[2])	**133376**[4])	20
Covers			
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			
Individual	C 1 E/L*	**019850**	200
Continuous strip on reel	C 1 R/L	**019900**	–
Marking tags	**Print**		
DEK	Consecutive horizontal	DEK 6	**046866** –
DEK	Consecutive vertical	DEK 6	**046876** –
WS	Blank	WS 12/6	**160990** –
WS DEK WS	Printed	WS 12/6	**144766** –

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

* Crimping tool Type CZ 22E **056040**

[1]) With hook
[2]) Without hook
[3]) With dovetail
[4]) Without dovetail
[5]) Without pin
[6]) With pin
[7]) With spring
[8]) Without spring

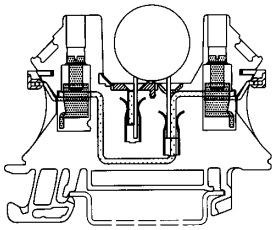
Feed-through terminals

for retrofitting electronic components

WPO 4

Max. Technical Data			
Dimensions			
Width/length/height (mm) With TS 35 x 7,5		6/60/47	
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3,5 x 0,6	
Rated data IEC 947-7-1			
Rated voltage/rated current/rated cross-section		250 V/32 A/4 mm²	
Rated impulse voltage VDE 0110/1.89 / pollution severity		4 kV/3	
Further technical data			
Tightening torque range	Nm	0.5...1.0	
Torque setting with DMS2 electric screwdriver		2	
Clampable conductor			
solid H07V-U	mm²	0,5…4	
stranded H07V-R	mm²	1,5…4	
flexible H07V-K	mm²	0,5…4	
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4	
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…4	
Max. Clamping Range in mm², Gauge pin to 947-1	Size	0,13…4	A 3
Wire diameter electrical component	mm	0,8...1,0 mm	
UL / CSA rated data			
Voltage / current / conductor size	UL	300 V/10 A / 26…12 AWG	
	CSA		
Ordering data	Type	Cat. No.	Qty.
Wemid		**103600**	50

Barrier	Type	Cat. No.	Qty.
Thickness 2,5 mm	ZR	**107110**	20
Busbar			
	SSch 7.3x1.2	**107120**	1 m



WPO 4 with fitted varistor

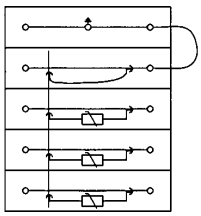
Weidmüller varistor terminals have been designed for retrofitting electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.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

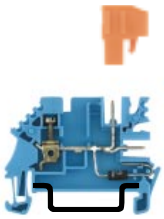
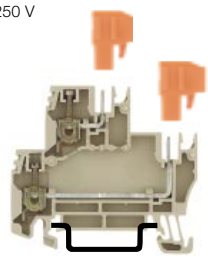
Note:
- Never change electronic components in energised systems



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

Marking tags	Print		
DEK	Consecutive horizontal	DEK 6	**046866**
DEK	Consecutive vertical	DEK 6	**047356**
WS	Blank	WS 12/6	**160990** –
WS DEK WS	Printed	WS 12/6	**144766** –

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															
Width/length/height (mm)	With TS 35 x 7,5	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*		
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			12 mm/M 2,5/3,5 x 0,6		
Rated data													
Rated voltage/rated current/rated cross-section		250 V/10 (2x8) A/1,5 mm²			– V/10 (2x8) A/1,5 mm²			– V/– A/1,5 mm²			250 V/17,5[2] A/2,5 mm²		
Rated impulse voltage VDE 0110/1.89 / pollution severity		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			0,4...0,8		
Torque setting with DMS2 electric screwdriver		1			1			1			1		
Clampable conductor													
solid H07V-U	mm²	0,5…4/2,5			0,5…4/2,5			0,5…4/2,5			0,5…4/2,5		
stranded H07V-R	mm²	1,5…2,5/1,5			1,5…2,5/1,5			1,5…2,5/1,5			1,5…2,5/1,5		
flexible H07V-K	mm²	0,5…2,5/1,5			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	mm²	0,5…2,5/1,5			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	mm²	0,5…2,5/1,5[1]			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 mm² 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	0,13…4		A 3/A 1
Continuous current rating of cross-connection 2-pole	A	35			35			35			–		
Continuous current rating of cross-connection multipole	A	35			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.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	Standard		**157726**	100					**157731**	100		**103810**	100
	blue												
	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													
0,5 x 4 x 120 mm					ML-SSch	**106320**	3	ML-SSch	**106320**	3			
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	BLA 4	**128196**	100	BLA 4	**128196**	100	BLA 4	**128196**	100	BLA 4	**128196**	100
BLZ 2…24	BLZ 2…24 B	BLA 6	**128216**	50	BLA 6	**128216**	50	BLA 6	**128216**	50	BLA 6	**128216**	50
	with lateral	BLA 8	**128236**	50	BLA 8	**128236**	50	BLA 8	**128236**	50	BLA 8	**128236**	50
	dovetail	BLA 4 B	**135626**	100	BLA 4 B	**135626**	100	BLA 4 B	**135626**	100	BLA 4 B	**135626**	100
	guide	BLA 6 B	**135646**	50	BLA 6 B	**135646**	50	BLA 6 B	**135646**	50	BLA 6 B	**135646**	50
		BLA 8 B	**135666**	50	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 5	**047346**	–
DEK	Consecutive vertical	DEK 5	**047356**	-	DEK 5	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–
WS	Blank	WS 12/5	**160986**	–	WS 12/5	**160986**	–	WS 12/5	**160986**	–	WS 12/5	**160986**	–
WS DEK WS	Printed	WS 12/5	**144746**	–	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

5.08/45,4/57,5*/45,0/55,5
10 mm/M 2,5/3,5 x 0,6

250 V/10 (2x8) A/1,5 mm²
4 kV/3

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5[1])
0,13…4 A 3/A 3
35
35

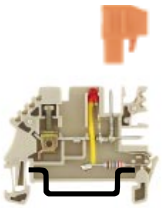
300 V/20 (2 x 10) A/26…16 AWG
300 V/10 A/26…12 AWG

	Cat. No.	Qty.
	157734	100
	159690	100

Type	Cat. No.	Qty.
With pin	**157732**	50
Without pin	**157733**	50
With pin	**106826**	10
Without pin	**106816**	10
WQV 2.5/2	**105366**	50
WQV 2.5/3	**106376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	20
WAW 1	**900450**	–
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**152666**	100
BLZ 6	**152686**	50
BLZ 8	**152706**	50
BLZ 4 B	**152896**	100
BLZ 6 B	**152916**	50
BLZ 8 B	**152936**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

WDU 1.5/BLZ/ LD/5.08

with LED Red



5.08/45,4/57,5*/45,0/55,5*
10 mm/M 2,5/3,5 x 0,6

– V/10 (2x8) A/1,5 mm²

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5[1])
0,13…4 A 3/A 3
35
35

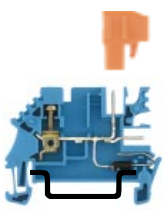
300 V/20 (2 x 10) A/26…16 AWG
12…110 V/10 A/26…12 AWG

	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	**157732**	50
Without pin	**157733**	50
With pin	**106826**	10
Without pin	**106816**	10
WQV 2.5/2	**105366**	50
WQV 2.5/3	**105376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	20
WAW 1	**900450**	–
ML-SSch	**106320**	3
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**152666**	100
BLZ 6	**152686**	50
BLZ 8	**152706**	50
BLZ 4 B	**152896**	100
BLZ 6 B	**152916**	50
BLZ 8 B	**152936**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

WDU 1.5/BLZ/ R 5.08

Negative return conductor in blue



5.08/45,4/57,5*/45,0/55,5*
10 mm/M 2,5/3,5 x 0,6

– V/– A/1,5 mm²

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5[1])
0,13…4 A 3/A 3
35
35

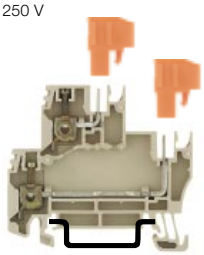
300 V/20 (2 x 10) A/26…16 AWG
–/–/26…12 AWG

	Cat. No.	Qty.
	157739	100

Type	Cat. No.	Qty.
With pin	**157732**	50
Without pin	**157733**	50
With pin	**106826**	10
Without pin	**106816**	10
WQV 2.5/2	**105366**	50
WQV 2.5/3	**105376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	20
WAW 1	**900450**	–
ML-SSch	**106320**	3
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**152666**	100
BLZ 6	**152686**	50
BLZ 8	**152706**	50
BLZ 4 B	**152896**	100
BLZ 6 B	**152916**	50
BLZ 8 B	**152936**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

WDK 2.5/BLZ R 5.08

250 V



5.08/58/53/63,5*
12 mm/M 2,5/3,5 x 0,6

250 V/18[2]) A/2,5 mm²
4 kV/3

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5[1])
0,13…4 A 3/A 3
–
–

300 V/10 A/26…12 AWG
–

	Cat. No.	Qty.
	103440	100

Type	Cat. No.	Qty.
With pin	**107010**	20
Without pin	**107000**	20
With pin	**107276**	10
Without pin	**107266**	10
Cross-connection comb, insul.		
WQB A/2	**157895**	50
WQB A/3	**157896**	50
WQB A/4	**157897**	50
WQB A/10	**157899**	20
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**152666**	100
BLZ 6	**152686**	50
BLZ 8	**152706**	50
BLZ 4 B	**152896**	100
BLZ 6 B	**152916**	50
BLZ 8 B	**152936**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

WDU 2.5/BLZ R 7.62

400 V

7.62/45,4/57,5*/45,0/55,5
10 mm/M 2,5/3,5 x 0,6

400 V/24(2x12)[2]) (2x8) A/1,5 mm²
6 kV/3

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,13…4 A 3/A 3
35
35

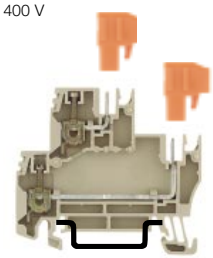
–
–

	Cat. No.	Qty.
	103890	100

Type	Cat. No.	Qty.
With pin	**157732**	50
Without pin	**157733**	50
With pin	**107360**	10
Without pin	**107350**	10
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**162307**	100
BLZ 6	**162309**	50
BLZ 8	**162311**	50
BLZ 4 B	**162340**	100
BLZ 6 B	**162342**	50
BLZ 8 B	**162344**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**156895**	–

WDK 2.5/BLZ R 7.62

400 V



7.62/58/53/63,5*
12 mm/M 2,5/3,5 x 0,6

400 V/20[2]) A/2,5 mm²
6 kV/3

0,4...0,8
1

0,5…4/4
1,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,5…2,5/2,5
0,13…4 A 3/A 3
–
–

–
–

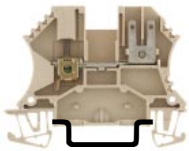
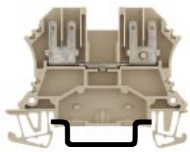
	Cat. No.	Qty.
	103850	100

Type	Cat. No.	Qty.
With pin	**107010**	20
Without pin	**107000**	20
With pin	**107296**	10
Without pin	**107286**	10
WAD 5/2	**157740**	20
BLZ-KO	**154571**	100
BLZ 4	**162307**	100
BLZ 6	**162309**	50
BLZ 8	**162311**	50
BLZ 4 B	**162340**	100
BLZ 6 B	**162342**	50
BLZ 8 B	**162344**	50
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/6,5	**160992**	–
WS 12/6,5	**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		12 A/-			12 A/-			12 A/-			12 A/-		
Dimensions													
Width/length/height (mm)	mit TS 35 x 7,5	5/60/47			5/60/47			5/69/63			5/69/63		
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2,5/3,5 x 0,6			10 mm/-			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		500 V m. IH/12 (2x6) A / 2,5/1 mm²			500 V m. IH/12 (2x6) A/1 mm²			400 V m. IH/12 (2x6) A/2,5/1 mm²			400 V m. IH/12 (2x6) A/2,5/1 mm²		
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...0,8			-			0,4...0,8			0,4...0,8		
Torque setting with DMS2 electric screwdriver		1			-			1			1		
Clampable conductor													
solid H07V-U	mm²	0,5…4			–			0,5…4/1			0,5…4/1		
stranded H07V-R	mm²	0,5…2,5						1,5…2,5			1,5…2,5		
flexible H07V-K	mm²	0,5…2,5			0,5…1			0,5…2,5			0,5…2,5		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5			–			0,5…2,5			0,5…2,5		
flexible H07V-K and AEH with plastic insul. collar	mm²	0,5…2,5[1]			–			0,5…2,5[1]			0,5…2,5[1]		
Max. Clamping Range in mm² Gauge pin to 947-1	Size	0,13…4		A 3			–	0,13…4		A 3	0,13…4		A 3
Continuous current rating of cross-connection 2-pole	A	35			12			32			32		
Continuous current rating of cross-connection multipole	A	35			12			32			32		
UL / CSA rated data													
Voltage / current / conductor size	UL	300 V/10 A/22…12 AWG			300 V/10 A/22…12 AWG			300 V/10 A/22…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/26…12 AWG			300 V/10 A/26…12 AWG		
Ordering data	**Version**		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
WTW WAP	Wemid		**102180**	100		**102190**	100		**102160**	100		**102240**	100
	Wemid												
	Wemid												
	Wemid												
	Blue Wemid								**102168**	100			
End plate / partition		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WAP (Thickness 3 mm)	Wemid	WAP 2.5-10	**105000**	50	WAP 2.5-10	**105000**	50	WAP	**105910**	20	WAP	**105910**	20
WAP 2.5 (Thickne. 1,5 mm) blue	Wemid	WAP 2.5-10	**105008**	50	WAP 2.5-10	**105008**	50	WAP	**105918**	20			
WTW (Thickness 1,5 mm)	Wemid	WTW 2.5-10	**105010**	20	WTW 2.5-10	**105010**	20	WTW (Ex) e	**105880**	20	WTW (Ex) e	**105880**	20
	Wemid	WTW 2.5-10	**105018**	20	WTW 2.5-10	**105018**	20						
Cross-connection													
WQV	Screen lug LS 2.8	WQV 2.5/2	**105366**	50	WQV 2.5/2	**105366**	50	WQV 2.5/2	**105366**	50	WQV 2.5/2	**105366**	50
		WQV 2.5/3	**105376**	50	WQV 2.5/3	**105376**	50	WQV 2.5/3	**105376**	50	WQV 2.5/3	**105376**	50
		WQV 2.5/4	**105386**	50	WQV 2.5/4	**105386**	50	WQV 2.5/4	**105386**	50	WQV 2.5/4	**105386**	50
		WQV 2.5/10	**105446**	20	WQV 2.5/10	**105446**	20	WQV 2.5/10	**105446**	20	WQV 2.5/10	**105446**	20
		WQB B/24	**157906**	20				WQB A/24	**157900**	20	WQB A/24	**157900**	20
		LS 2.8	**105640**	50	LS 2.8	**105640**	50	LS 2.8	**105640**	50	LS 2.8	**105640**	50
Notching tool for WQV	WAW 1	WAW 1	**900450**	–	WAW 1	**900450**	–	WAW 1	**900450**	–	WAW 1	**900450**	–
Test adapter													
WTA	TA 1	TA 1	**053586**	20	TA 1	**053586**	20	TA 1	**053586**	20	TA 1	**053586**	20
	Strain relief												
Test plug / sockets / insulating sleeves													
PS 2.3	StB 8.5 Insulating sleeves	IH 2.8	**038606**	100	IH 2.8	**038606**	100	IH 2.8	**038606**	100	IH 2.8	**038606**	100
Cover													
		ADP 2	**048530**	1 m	ADP 2	**048530**	1 m	ADP 3	**048540**	1 m	ADP 3	**048540**	1 m
		HP 2	**048566**	20	HP 2	**048566**	20	HP 3	**048576**	20	HP 3	**048576**	20
	WAD with symbol												
	WAD white for self-labeling												
Group marking													
WT 4	WGB	T 5	**034850**	100	WT 4	**134106**	100	WT 4	**134106**	100	WT 4	**134106**	100
		SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000
		SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000
Tag carrier for S 10 markers													
Marking tags	**Print**												
DEK	Consecutive horizontal	DEK	**047346**	–	DEK	**047346**	–	DEK 5	**047346**	–	DEK 5	**047346**	–
DEK	Consecutive vertical	DEK	**047356**	–	DEK	**047356**	–	DEK 5	**047356**	–	DEK 5	**047356**	–
WS	Blank	WS 12/5	**160986**	–	WS 12/5	**160986**	–	WS 8/5	**164074**	–	WS 8/5	**164074**	–
WS DEK WS	Printed	WS 12/5	**144746**	–	WS 12/5	**144746**	–	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

WDK 2.5 FF

12 A/-		
5/75/63		
–/–/–		
500 V m. IH/12 (2x6) A/1 mm²		
6 kV/3		
–		
–		
0,5…1		
–		
–		
12		
12		
300 V/10 A/22…12 AWG		
300 V/10 A/26…12 AWG		
	Cat. No.	Qty.
	102170	100
	102178	100
Type	Cat. No.	Qty.
WAP	**105910**	20
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
LS 2.8	**105640**	50
WAW 1	**900450**	–
TA 1	**053586**	20
IH 2.8	**038606**	100
ADP 3	**048540**	1 m
HP 3	**048576**	20
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**	–

WDK 2.5 FFV

12 A/-		
5/75/63		
–/–/–		
500 V m. IH/12 (2x6) A/1 mm²		
6 kV/3		
–		
–		
0,5…1		
–		
–		
12		
12		
300 V/10 A/22…12 AWG		
300 V/10 A/26…12 AWG		
	Cat. No.	Qty.
	102250	100
Type	Cat. No.	Qty.
WAP	**105910**	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
LS 2.8	**105640**	50
WAW 1	**900450**	–
TA 1	**053586**	20
IH 2.8	**038606**	100
ADP 3	**048540**	1 m
HP 3	**048576**	20
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**	–

WDK 2.5 T
WDK 2.5 TT

10 A/-		
5/69/63/78		
10 mm/M 2,5/3,5 x 0,6		
125 V/10 A/2,5 mm²		
2,5 kV/3		
0,4...0,8		
1		
0,5…4		
1,5…4		
0,5…4		
0,5…2,5		
0,5…2,5[1])		
0,13…4		A 3
32		
32		
–		
–		
	Cat. No.	Qty.
right pin 0.8x1.6 vt	**102380**	100
right pin 0.8x2.4 vt	**102390**	100
right+ left 0,8x2,4 vt	**157720**	100
Type	Cat. No.	Qty.
WAP 2.5-10	**105910**	50
WAP 2.5-10	**105918**	50
WTW 2.5-10	**105010**	20
WTW 2.5-10	**105018**	20
WQV 2.5/2	**105366**	50
WQV 2.5/3	**105376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	50
LS 2.8	**105640**	50
WAW 1	**900450**	–
TA 1	**053586**	20
WTA 5/1	**105126**	25
PS 2.3 (ø 2,3)	**018040**	20
StB 8.5 (ø 2,3)	**021570**	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**	–

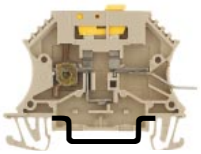
WDU 2.5 T

10 A/-		
5/60/47/70		
10 mm/M 2,5/3,5 x 0,6		
125 V/10 A/2,5 mm²		
2,5 kV/3		
0,4...0,8		
1		
0,5…4		
1,5…4		
0,5…4		
0,5…2,5		
0,5…2,5[1])		
0,13…4		A 3
32		
32		
300 V/20 (2x10) A/26...16 AWG		
–		
	Cat. No.	Qty.
left pin 1x1	**102200**	100
right pin 1x1	**102270**	100
left pin 0.8x2.4 vt	**102120**	100
left pin 0.8x2.4 ho	**103690**	100
Type	Cat. No.	Qty.
WAP 2.5-10	**105000**	50
WQV 2.5/2	**105366**	50
WQV 2.5/3	**105376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	50
LS 2.8	**105640**	50
WAW 1	**900450**	–
WTA 5/1	**105126**	25
PS 2.3 (ø 2,3)	**018040**	20
StB 8.5 (ø 2,3)	**021570**	50
WT 4	**134106**	100
SF 10	**033240**	1000
SG 10	**033250**	1000
DEK 5	**047346**	–
DEK 5	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

WDU 2.5 L
WDU 2.5 LL

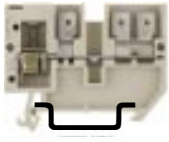
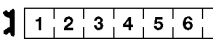
15 A/-		
5/60/64/47		
10 mm/M 2,5/3,5 x 0,6		
400 V/15 A/2,5/1,5 mm²		
6 kV/3		
0,4...0,8		
1		
0,5…4/1,5		
0,5/1,5…4/1,5		
0,5…4/1,5		
0,5…2,5		
0,5…2,5[1])		
0,13…4		A 3
32		
32		
–		
–		
	Cat. No.	Qty.
Screw - Solder	**102210**	100
Solder - Solder	**102220**	100
Type	Cat. No.	Qty.
WAP 2.5-10	**105000**	50
WAP 2.5-10	**105008**	50
WTW 2.5-10	**105010**	20
WTW 2.5-10	**105018**	20
WQV 2.5/2	**105366**	50
WQV 2.5/3	**105376**	50
WQV 2.5/4	**105386**	50
WQV 2.5/10	**105446**	50
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
StB 8.5 (ø 2,3)	**021570**	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**	–
WS 12/5	**144746**	–

WTR 2.5 L
WTR 2.5 LL



10 A/-		
5/60/64/47		
10 mm/M 2,5/3,5 x 0,6		
400 V/14 A/1,5 mm²		
6 kV/3		
0,5…1,5		
1,5		
0,5…1,5		
0,5...2,5		
0,5...2,5[1])		
0,13…4		A 3
26		
26		
–		
–		
	Cat. No.	Qty.
Screw - Solder	**101380**	100
Solder - Solder	**101390**	100
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
QL 2	**021586**	100
QL 3	**021590**	100
QL 4	**021600**	50
QL 10	**033800**	20
BS-M 2,5x4,5	**106270**	100
WT 4	**134106**	100
SF 10	**033240**	1000
SG 10	**033250**	1000
DEK	**047346**	-
DEK	**047356**	–
WS 12/5	**160986**	–
WS 12/5	**144746**	–

Feed-through terminals with tab connection

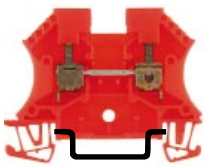
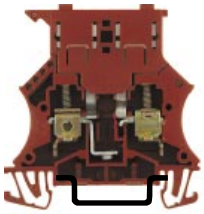
	AST 1	AST 4	AST 5	SAK 4 S/35 SAK 4 SS/35
				
Dimensions				
Width/length/height (mm) With TS 35 x 7,5	6,5/58/46	6,5/40/40	6,5/58/46	6,5/40/49,5
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 2,5/3,5 x 0,6	12 mm/M 3/3,5 x 0,6	12 mm/M 3/3,5 x 0,6
Rated data				
Rated voltage/rated current/rated cross-section	500 V[1]/ - /2,5/1,0 mm²	500 V[1]/ - /2,5/1,0 mm²	500 V[1]/ - /2,5/1,0 mm²	500 V/16 A/2,5/1,0 mm²
Rated impulse voltage / pollution severity	6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data				
Tightening torque range Nm		0,4…0,7	0,5…1,0	0,5…1,0
Torque setting with DMS2 electric screwdriver		1	2	2
Clampable conductor				
solid H07V-U mm²		0,5…4	0,5…6	0,5…6
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…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²		0,5…2,5	0,5…4	0,5…4
Gauge pin to IEC 947-1/1988 Size		A 2	A 4	A 4
Continuous current of terminal block for conductor size				
Continuous current of cross-connection 2-pole A	(QL 2…10) 36	(QL 2…10) 36	(QL 2…10) 36	(QL 2…10) 36
Continuous current of cross-connection multipole A				
UL / CSA rated data				
Voltage / current / conductor size UL	300 V/13 A/–	300 V/13 A/22…12 AWG	300 V/13 A/22…12 AWG	300 V/13 A/22…12 AWG
Voltage / current / conductor size CSA	300 V/16 A/–	300 V/16 A/24…12 AWG	300 V/16 A/24…12 AWG	300 V/16 A/24…12 AWG
Ordering data **Version**	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Slotted Wemid	**069960** 50	**046040** 100	**066490** 50	SAK 4 S **063030** 100
Unlotted Wemid	**066480** 50	**047940** 100	**069970** 50	(screw-/tab-connection)
				SAK 4 SS **063040** 100
				SAK 4 SS **064690** 100
				(tab-/tab-connection)
End plate / Partition/Small partition (Thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
Wemid	AP (1,5) **026640** 20	AP (1,5) **046049** 20	AP (1,5) **026640** 20	AP (1,5) **010510** 20
PA	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100
AP TSch				
Cross-connection				
2-pole	Q 2 **033670** 50	Q 2 **033670** 50	Q 2 **033670** 50	QL 2 **013060** 100
3-pole	Q 3 **033680** 50	Q 3 **033680** 50	Q 3 **033680** 50	QL 3 **013070** 100
4-pole	Q 4 **033690** 50	Q 4 **033690** 50	Q 4 **033690** 50	QL 4 **013080** 50
10-pole	Q 10 **036880** 20	Q 10 **036880** 20	Q 10 **036880** 20	QL 10 **033820** 20
25-pole				
Q 3 QL				BS M 3x4,5 **159321** 100
BS				
Plug adaptor				
2-pole		STA 2.5/2 **016586** 100		
3-pole		STA 2.5/3 **016596** 50		
4-pole		STA 2.5/4 **019036** 50		
Only clips into PA version of AST3 and AST4 5-pole		STA 2.5/5 **016606** 50		
8-pole		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	
PS StB	PS 2.3 **018040** 20	PS 2.3 **018040** 20	PS 2.3 **018040** 20	
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 6.5 **046816** –	FW 6 **046866** –	FW 6.5 **046816** –	FW 6.5 **046816** –
Consecutive vertical				

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 3/21)

Terminal blocks coloured

	WDU 2.5	WDU 4	WTR 2.5	WSI 6
				
Max. Technical Data	32 A/4 mm²	46 A/6 mm²	16 A/1,5 mm²	6,3 A/-
Dimensions				
Width/length/height (mm) With TS 35 x 7,5	5/60/47	6/60/47	5/60/49	8/60/60
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6	10 mm/M 3 /3,5 x 0,6	10 mm/M 2,5/3*/3,5 x 0,6	12 mm/M 3,5/4,0 x 0,8
Rated data VDE 0611 Part 1/8.92/IEC 947-7-1				
Rated voltage/rated current/rated cross-section	800 V/24 A/2,5 mm²	800 V/32 A /4 mm²	800 V/16 A**/1,5 mm²	500 V~/6,3 A***/6 mm²
Rated impulse voltage / pollution severity	8 kV/3	8 kV/3	6 kV/3	6 kV/3
Further technical data	**see Page 2/5**	**see Page 2/7**	**see Page 2/20**	**see Page 2/32**
UL / CSA rated data				
Voltage / current / conductor size UL	600 V/25 A/22…12 AWG	600 V/35 A/22…10 AWG	300 V/10 A/22…12 AWG	300 V/10 A/20…8 AWG
Voltage / current / conductor size CSA	600 V/20 A/26…12 AWG	600 V/35 A/26…10 AWG	300 V/10 A/26…12 AWG	300 V/10 A/20…8 AWG

Ordering data

Version	WDU 2.5 Best.Nr.	Qty.	WDU 4 Best.Nr.	Qty.	WTR 2.5 without StB	WTR 2.5 with 2 StB	Qty.	WSI 6 Best.Nr.	Qty.
Wemid	**102000**	100	**102010**	100	**101110**	**101120**	100	**101100**	50
Blue Wemid	**102008**	100	**102018**	100	**101118**	**101128**	100	**101108**	50
Yellow Wemid	**102002**	100	**102012**	100	**101112**	**101122**	100	**101102**	50
Green Wemid	**102009**	100	**102016**	100	**101113**	**101123**	100	**101103**	50
Brown Wemid	**103771**	100	**103781**	100	**101117**	**101127**	100	**101107**	50
Grey Wemid	**103772**	100	**103780**	100	**101115**	**101125**	100	**101105**	50
White Wemid	**103680**	100	**103670**	100	**101119**	**101129**	100	**101109**	50
Orange PA	**102006**	100	**103676**	100	**101116**	**101126**	100	**101106**	50
Red PA	**102004**	100	**102014**	100	**101114**	**101124**	100	**101104**	50
Violet PA	**103770**	100	**103782**	100	**101940**	**101950**	100	**101960**	50
Black PA	**102001**	100	**102011**	100	**101111**	**101121**	100	**101101**	50

End plate / partition

WAP (Thickness 1,5 mm)

WTW

	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Wemid	WAP 2.5-10	**105000**	50	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	WAP 2.5-10	**105008**	50
Yellow Wemid	WAP 2.5-10	**105002**	50	WAP 2.5-10	**105002**	50	WAP 2.5-10	**105002**	50	WAP 2.5-10	**105002**	50
Green Wemid	WAP 2.5-10	**107220**	50	WAP 2.5-10	**107220**	50	WAP 2.5-10	**107220**	50	WAP 2.5-10	**107220**	50
Brown Wemid	WAP 2.5-10	**105007**	50	WAP 2.5-10	**105007**	50	WAP 2.5-10	**105007**	50	WAP 2.5-10	**105007**	50
Grey Wemid	WAP 2.5-10	**105005**	50	WAP 2.5-10	**105005**	50	WAP 2.5-10	**105005**	50	WAP 2.5-10	**105005**	50
White Wemid	WAP 2.5-10	**105009**	50	WAP 2.5-10	**105009**	50	WAP 2.5-10	**105009**	50	WAP 2.5-10	**105009**	50
Orange PA	WAP 2.5-10	**105006**	50	WAP 2.5-10	**105006**	50	WAP 2.5-10	**105006**	50	WAP 2.5-10	**105006**	50
Red PA	WAP 2.5-10	**105004**	50	WAP 2.5-10	**105004**	50	WAP 2.5-10	**105004**	50	WAP 2.5-10	**105004**	50
Violet PA	WAP 2.5-10	**107221**	50	WAP 2.5-10	**107221**	50	WAP 2.5-10	**107221**	50	WAP 2.5-10	**107221**	50
Black PA	WAP 2.5-10	**105001**	50	WAP 2.5-10	**105001**	50	WAP 2.5-10	**105001**	50	WAP 2.5-10	**105001**	50
Wemid	WTW 2.5-10	**105010**	20	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 2.5-10	**105018**	20	WTW 2.5-10	**105018**	20

Cross-connection

WQV WQB 8/24 Screen lug LS 2.8

	ZQV 2.5N	Qty.	WQV 2.5	Qty.							
2 pol.	**169380**	60	**105366**	50	WQV 4/2	**105196**	50	QL 2	**021580**	100	QL 2	**019430**	50
3 pol.	**169381**	60	**105376**	50	WQV 4/3	**105456**	50	QL 3	**021590**	100	QL 3	**019440**	50
4 pol.	**169382**	60	**105386**	50	WQV 4/4	**105466**	50	QL 4	**021600**	50	QL 4	**019450**	50
10 pol.	**169388**	20	**105446**	20	WQV 4/10	**105206**	20	QL 10	**033800**	20	QL 10	**033830**	20
			WQB B/24	**157906**	20			BS-M 2,5 x 4,5	**106270**	100	BS-M 3 x 5	**105210**	100
			LS 2.8	**105640**	50	LS 2.8	**105640**	50					
			WAW 1	**900450**	–	WAW 1	**900450**	–	WAW 2	**900451**	–	WAW 2	**900451**	–

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

Test adapter

WTA TA 1

Strain relief

	WTA 2	**163232**	50	WTA 3	**163235**	50					
	WTA 2/ZA	**163233**	50	WTA 3/ZA	**163236**	50					
	WTA 2/10	**163234**	5	WTA 3/10	**163237**	5					
	ZE 1	**163215**	50	ZE 1	**163215**	50					

Test plug/Socket

PS 2.3 StB 8.5

Screwdriver SDIK for StB Cat.No.: **902493**

	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
	PS 2.0 (ø 2,0)	**029380**	20									
	StB 8.5 (ø 2,3)	**021570**	50	StB 8.5 (ø 2,3)	**028060**	50						
	StB 8.5 (ø 2,0)	**126980**	50									

Cover

WAD with symbol
WAD white, for self-labeling

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

Group marking

T 5 WGB

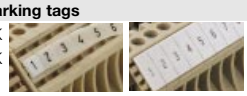
Tag carrier for S 10 markers

	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					

Diode plug

							WSD 2,5 –⊲+	**105846**	25		
							WSD 2,5 +⊳–	**105856**	25		
							WSD 2,5[1])	**105866**	25		
							WSD 2,5[2])	**105876**	25		

Marking tags Print

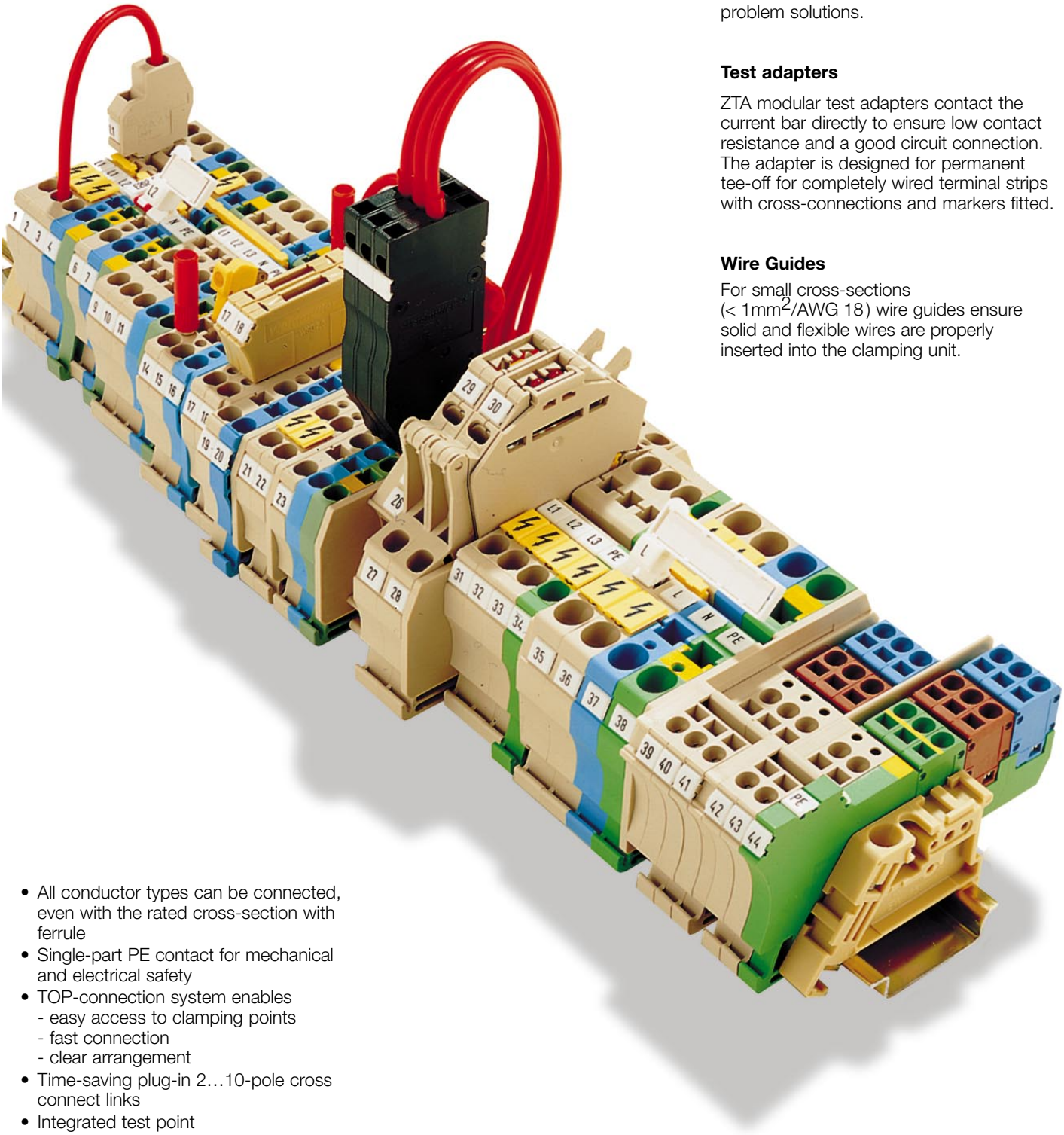


DEK Consecutive horizontal	DEK 5	**047346**	–	DEK 6	**046866**	–	DEK 6	**046866**	–	DEK	**047346**	–
DEK Consecutive vertical	DEK 5	**047356**	–	DEK 6	**047356**	–	DEK 6	**047356**	–	DEK	**047356**	–
WS Blank	WS 12/5	**160986**	–	WS 12/6	**160990**	–	WS 12/5	**160986**	–	WS 12/6,5	**160992**	–

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

[1]) With wire bridge
[2]) Without special parts



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 (< 1mm^2/AWG 18) wire guides ensure solid and flexible wires are properly inserted into the clamping unit.

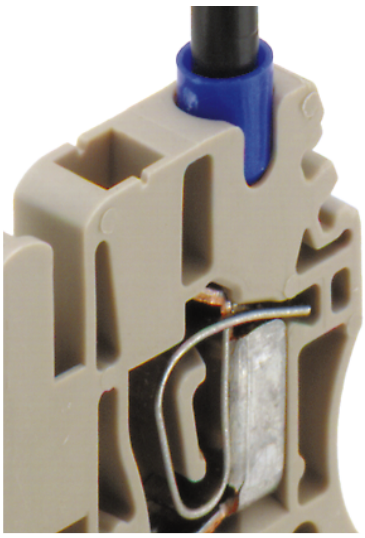
- All conductor types can be connected, even with the rated cross-section with ferrule
- Single-part PE contact for mechanical and electrical safety
- TOP-connection system enables
  - easy access to clamping points
  - fast connection
  - clear arrangement
- Time-saving plug-in 2…10-pole cross connect 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.

Cross-connection system

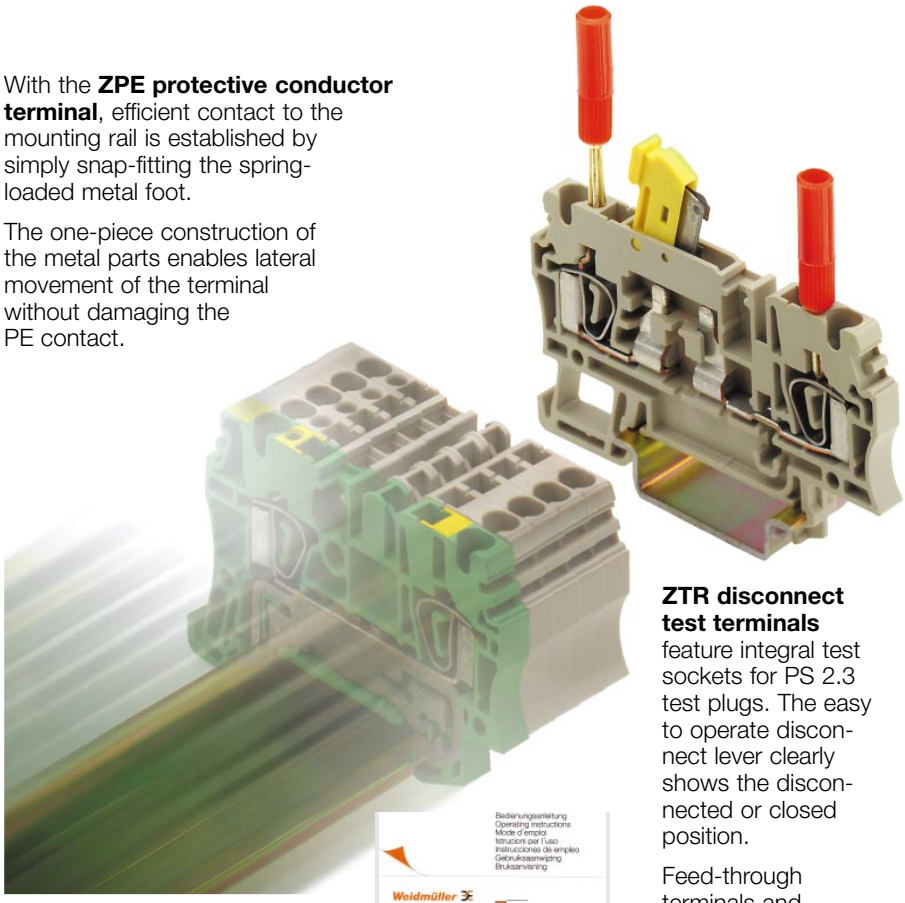
Rational wiring is possible with two to ten-pole ZQV, completely shock-hazard protected units; no small partitions or end cover plates for adjacent cross-connections are necessary. Up to forty connection points can be applied to a potential with only one cross-connection unit. The cross-connections can 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.



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.

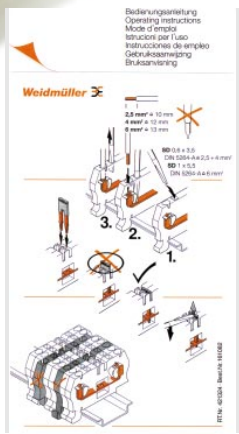
With the **ZPE protective conductor terminal**, efficient contact to the mounting rail is established by simply snap-fitting the spring-loaded metal foot.

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	24 A/2,5 mm²		24 A/2,5 mm²		31 A/4 mm²		31 A/4 mm²	
Dimensions								
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	
VDE rated data, 0611 Part 1/8.92/IEC 947-7-1/1989								
Rated voltage / current / cross-section	800 V/24 A/2,5 mm²		800 V/24 A/2,5 mm²		800 V/24 A/2,5 mm²		800 V/24 A/2,5 mm²	
Rated impulse voltage / pollution severity	8 kV/3		8 kV/3		8 kV/3		8 kV/3	
Further technical data								
Clampable conductor:								
solid H07V-U mm²	0,5…2,5		0,5…2,5		0,5…4		0,5…4	
flexible H07V-K mm²	0,5…2,5		0,5…2,5		0,5…4		0,5…4	
with ferrule to DIN46 228/1** mm²	0,5…1,5[1])		0,5…1,5[1])		0,5…2,5		0,5…2,5	
with ferrule with plastic insulating collar** mm²	0,5…1,5		0,5…1,5		0,5…2,5		0,5…2,5	
Max. Clamping Range in mm² / 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
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	– *		– *		600 V/25 A/26…12 AWG		600 V/25 A/26…12 AWG	
Voltage / current / conductor size CSA	– *		– *		600 V/27 A/26...12 AWG		600 V/27 A/26...12 AWG	
Ordering data **Version**	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.	Type	Cat. No. Qty.
Beige Wemid	ZDU 2.5-2/3AN	**170601** 100	ZDU 2.5-2/4AN	**170606** 100	ZDU 2.5	**160851** 100	ZDU 2.5/3AN	**160854** 100
Blue Wemid	ZDU 2.5-2/3AN BL	**170604** 100	ZDU 2.5-2/4AN BL	**170607** 100	ZDU 2.5BL	**160852** 100	ZDU 2.5/3AN BL	**160855** 100
Orange PA	ZDU 2.5-2/3AN OR	**170605** 100	ZDU 2.5-2/4AN OR	**170608** 100	ZDU 2.5OR	**163678** 100	ZDU 2.5/3AN OR	**163679** 100
Terminal block 10-pole Wemid					ZDU 2.5/10	**162695** 10	ZDU 2.5/3AN/10	**162696** 10
Terminal block printed 1…9 Wemid					ZDU 2.5/10/BEZ	**165187** 10	ZDU 2.5/3AN/10/BEZ	**165188** 10
End plate / partition **Version**								
ZAP/TW Beige Wemid	ZAP/TW7	**170611** 50	ZAP/TW7	**170611** 50	ZAP/TW1	**160874** 50	ZAP/TW2	**160877** 50
Blue Wemid	ZAP/TW7BL	**170612** 50	ZAP/TW7BL	**170612** 50	ZAP/TW1BL	**160875** 50	ZAP/TW2BL	**160878** 50
Orange PA	ZAP/TW7OR	**170613** 50	ZAP/TW7OR	**170613** 50	ZAP/TW1OR	**160876** 50	ZAP/TW2OR	**160879** 50
Cross-connection								
ZQV	ZQV 2.5/2	**160886** 60	ZQB 2.5	**167712** 50	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
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	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 2	**161144** 5	ZQW 2	**161144** 5
Test adapter **Version**								
ZTA Without pin					ZTA 1	**160904** 25	ZTA 1	**160904** 25
With pin	ZTA 4/ZA	**168811** 25	ZTA 4/ZA	**168811** 25	ZTA 1/ZA	**160905** 25	ZTA 1/ZA	**160905** 25
PS					PS 2.3	**018040** 20	PS 2.3	**018040** 20
					PS 2.0	**029380** 20	PS 2.0	**029380** 20
TA	TA 1	**053586** 20	TA 1	**053586** 20	TA 1	**053586** 20	TA 1	**053586** 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	SD 0,6 x 3,5	**902423** 1
Screen lug								
	LS 2.8	**105640** 50	LS 2.8	**105640** 50				
Cover								
ZAD					ZAD 1/4	**160911** 20	ZAD 1/4	**160911** 20
Group marking								
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**								
ZRH for conductor 0,13...0,2 mm² 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 mm² 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 mm² 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

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

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

30 A/4 mm²

5/79/39
10

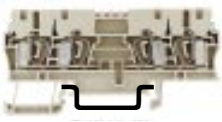
800 V/24 A/2,5 mm²
8 kV/3

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 2.5/4AN	**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
ZAP/TW3	**160880**	50
ZAP/TW3BL	**160881**	50
ZAP/TW3OR	**160882**	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
ZTA 1	**160904**	25
ZTA 1/ZA	**160905**	25
PS 2.3	**018040**	20
PS 2.0	**029380**	20
TA 1	**053586**	20
SD 0,6 x 3,5	**902423**	1
ZAD 1/4	**160911**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
ZRH 2.5/1	**161430**	100
ZRH 2.5/2	**161429**	100
ZRH 2.5/3	**161428**	100
DEK 5	**047346**	500
DEK 5	**047356**	500
ZS 10/5	**161000**	480
ZS 10/5	**161001**	480

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



30 A/4 mm²

5/79/39
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

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

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
ZAP/TW3	**160880**	50
ZAP/TW3BL	**160881**	50
ZAP/TW3OR	**160882**	50
ZTA 1	**160904**	25
ZTA 1/ZA	**160905**	25
PS 2.3	**018040**	20
PS 2.0	**029380**	20
TA 1	**053586**	20
SD 0,6 x 3,5	**902423**	1
ZAD 1/4	**160911**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
ZRH 2.5/1	**161430**	100
ZRH 2.5/2	**161429**	100
ZRH 2.5/3	**161428**	100
DEK 5	**047346**	500
DEK 5	**047356**	500
ZS 10/5	**161000**	480
ZS 10/5	**161001**	480

ZDU 2.5/2 x 2 AN/D

5/79/39
10

400 V****/1 A/2,5 mm²
6 kV/3

0,5…4
0,5…4
0,5…2,5
0,5…2,5
0,13…4 A3

Type	Cat. No.	Qty.
ZDU 2.5/2x2AN/D+ mit Diode +▷|–	**165034**	20
ZDU 2.5/2x2AN/D- mit Diode –|◁+	**165035**	20
ZAP/TW3	**160880**	50
ZAP/TW3BL	**160881**	50
ZAP/TW3OR	**160882**	50
ZTA 1	**160904**	25
ZTA 1/ZA	**160905**	25
PS 2.3	**018040**	20
PS 2.0	**029380**	20
TA 1	**053586**	20
SD 0,6 x 3,5	**902423**	1
ZAD 1/4	**160911**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
ZRH 2.5/1	**161430**	100
ZRH 2.5/2	**161429**	100
ZRH 2.5/3	**161428**	100
DEK 5	**047346**	500
DEK 5	**047356**	500
ZS 10/5	**161000**	480
ZS 10/5	**161001**	480

ZDU 2.5/2x2 AN/LD

5/79/39
10

24 V–/<5 mA/2,5 mm²

0,5…4
0,5…4
0,5…2,5
0,5…2,5
0,13…4 A3

Type	Cat. No.	Qty.
ZDU 2.5/2x2AN/LD+ mit LED rot +▷|–	**169259**	20
ZDU 2.5/2x2AN/LD- mit LED red –|◁+	**169260**	20
ZAP/TW3	**160880**	50
ZAP/TW3BL	**160881**	50
ZAP/TW3OR	**160882**	50
ZTA 1	**160904**	25
ZTA 1/ZA	**160905**	25
PS 2.3	**018040**	20
PS 2.0	**029380**	20
TA 1	**053586**	20
SD 0,6 x 3,5	**902423**	1
ZAD 1/4	**160911**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
ZRH 2.5/1	**161430**	100
ZRH 2.5/2	**161429**	100
ZRH 2.5/3	**161428**	100
DEK 5	**047346**	500
DEK 5	**047356**	500
ZS 10/5	**161000**	480
ZS 10/5	**161001**	480

ZDU 4
ZDU 4/10

41 A/6 mm²

6/62/43,5
12

800 V/32 A/4 mm²
8 kV/3

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

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

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
ZAP/TW4	**163209**	50
ZAP/TW4BL	**163210**	50
ZAP/TW4OR	**163211**	50
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
ZTA 2	**160906**	25
ZTA 2/ZA	**160907**	25
PS 2.3	**018040**	20
PS 2.0	**029380**	20
TA 1	**053586**	20
SD 0,6 x 3,5	**902423**	1
ZAD 2/4	**160908**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
ZRH 4/1	**163664**	100
ZRH 4/2	**163665**	100
ZRH 4/3	**163666**	100
DEK 6	**046866**	500
DEK 6	**046876**	500
ZS 12/6	**161002**	400
ZS 12/6	**161003**	400

ZDU 6
ZDU 6/10

57 A/10 mm²

8/65/45,5
13

800 V/41 A/6 mm²
8 kV/3

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

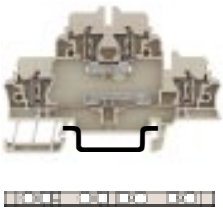
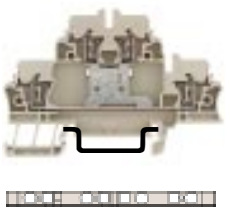
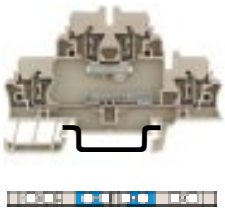
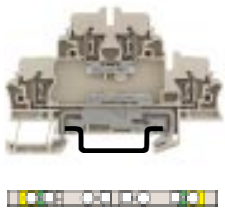
600 V/45 A/22…8 AWG
600 V/50 A/20...8 AWG

Type	Cat. No.	Qty.
ZDU 6	**160862**	50
ZDU 6 BL	**160863**	50
ZDU 6 OR	**163682**	50
ZDU 6/10	**163143**	5
ZAP/TW5	**160883**	50
ZAP/TW5BL	**160884**	50
ZAP/TW5OR	**160885**	50
ZQV 6/2	**162785**	60
ZQV 6/3	**162786**	60
ZQV 6/4	**162787**	60
ZTA 3	**165405**	25
TA 1	**053586**	20
SD 1 x 5,5	**902429**	1
ZAD 3/4	**160912**	20
ZGB 30	**161193**	20
ESO 7	**160772**	240
STR 7	**051530**	20
DEK 8	**127696**	500
DEK 8	**128966**	500
ZS 12/6	**161002**	400
ZS 12/6	**161003**	400

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

**** Soldered diodes: Type 1N 4007, reverse voltage 1000 V/current 1 A

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**												
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													
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**												
ZTA	With pin	ZTA 4 / ZA	**168811**	25	ZTA 4 / ZA	**168811**	25	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	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	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**												
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

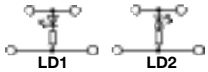
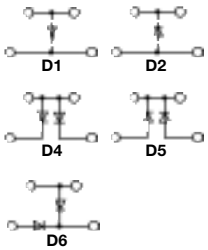
Marking tags	**Print**												
DEK	Consecutive horizontal	DEK 5	**047346**	500	DEK 5	**047346**	500	DEK 5	**047346**	500	DEK 5	**047346**	500
DEK	Consecutive vertical	DEK 5	**047356**	500	DEK 5	**047356**	500	DEK 5	**047356**	500	DEK 5	**047356**	500
ZS 10	Blank	ZS 10/5	**161000**	480	ZS 10/5	**161000**	480	ZS 10/5	**161000**	480	ZS 10/5	**161000**	480
ZS 10 DEK ZS	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 mm^2 possible too

ZDK 2.5/1.5 N-PE	ZDK 2.5/1.5/LD/1 ZDK 2.5/1.5/LD/2	ZDK 2.5/1.5/D/1…6
		
- / -	- / -	- / -
5/79/54	5/79/54	5/79/54
10	10	10
-V /24 A/2.5 mm^2	24 V–/<5 mA***/2.5 mm^2	500 V**/10 A***/2.5 mm^2
6 kV/3	-	6 kV/3
0.5...2.5	0.5...2.5	0.5...2.5
0.5...2.5	0.5...2.5	0.5...2.5
0.5...1,5^2)	0.5...1,5^2)	0.5...1,5^2)
0.5...1,5	0.5...1,5	0.5...1,5
0,13…2,5 A2	0,13…2,5 A2	0,13…2,5 A2
24		
24		
*		
*		
Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
ZDK2.5/1.5N-PE **168998** 50	ZDK2.5/1.5LD 1 **169001** 50	ZDK2.5/1.5 D 1 **169002** 50
	ZDK2.5/1.5LD 2 **169394** 50	ZDK2.5/1.5 D 2 **169003** 50
		ZDK2.5/1.5 D 4 **169004** 50
		ZDK2.5/1.5 D 5 **169005** 50
		ZDK2.5/1.5 D 6 **169006** 50
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 **169008** 20	ZAP TW 2.5/1.5 **169008** 20	ZAP TW 2.5/1.5 **169008** 20
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
ZTA 4 / ZA **168811** 25	ZTA 4 / ZA **168811** 25	ZTA 4 / ZA **168811** 25
SD 0,6 x 3,5 **902423** 1	SD 0,6 x 3,5 **902423** 1	SD 0,6 x 3,5 **902423** 1
ZGB 30 **161193** 20	ZGB 30 **161193** 20	ZGB 30 **161193** 20
ESO 7 **160772** 240	ESO 7 **160772** 240	ESO 7 **160772** 240
STR 7 **051530** 20	STR 7 **051530** 20	STR 7 **051530** 20
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/2 **167880** 100	ZRH 1.5 H/2 **167880** 100	ZRH 1.5 H/2 **167880** 100
ZRH 1.5 H/3 **167879** 100	ZRH 1.5 H/3 **167879** 100	ZRH 1.5 H/3 **167879** 100
DEK 5 **047346** 500	DEK 5 **047346** 500	DEK 5 **047346** 500
DEK 5 **047356** 500	DEK 5 **047356** 500	DEK 5 **047356** 500
ZS 10/5 **161000** 480	ZS 10/5 **161000** 480	ZS 10/5 **161000** 480
ZS 10/5 **161001** 480	ZS 10/5 **161001** 480	ZS 10/5 **161001** 480

** Equipped with diode type 1N 4007,reverse voltage 1000 V, current 1 A

*** current of through-busbar = 10 A

Protective conductor terminal blocks

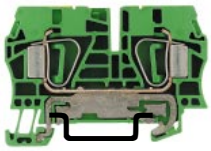
	ZPE 2.5-2/3AN	ZPE 2.5-2/4AN	ZPE 2.5	ZPE 2.5/3AN
Dimensions				
Width / length / height (mm) with TS 35 x 7,5	5/50,5/43	5/50,5/43	5/59,5/39	5/64/39
Insulation stripping length mm	10	10	10	10
Bemessungsdaten IEC947-7-2				
Rated voltage / current PEN / cross-section	–V/–A/2,5 mm^2	–V/–A/2,5 mm^2	–V/–A/2,5 mm^2	–V/–A/2,5 mm^2
Rated voltage / rated impulse voltage / pollution severity	800 V/8 kV/3	800 V/8 kV/3	800 V/8 kV/3	800 V/8 kV/3
to VDE 0110/1.89 to adjacent terminal				
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				
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 1 **160904** 25	ZTA 1 **160904** 25
With pin	ZTA 4/ZA **168811** 25	ZTA 4/ZA **168811** 25	ZTA 1/ZA **160905** 25	ZTA 1/ZA **160905** 25
PS	TA 1 **053586** 20	TA 1 **053586** 20	TA 1 **053586** 20	TA 1 **053586** 20
TA			PS 2.3 **018040** 20	PS 2.3 **018040** 20
			PS 2.0 **029380** 20	PS 2.0 **029380** 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	SD 0,6 x 3,5 **902423** 1
Group marking				
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**				
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 DEK ZS 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 mm^2 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
–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.	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
SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10
ZTA 1 **160904** 25				ZTA 2 **160906** 25	ZTA 3 **165405** 25
ZTA 1/ZA **160905** 25	ZTA 4/ZA **168811** 25	ZTA 4/ZA **168811** 25	ZTA 4/ZA **168811** 25	ZTA 2/ZA **160907** 25	
TA 1 **053586** 20				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
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

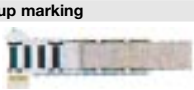
Disconnect test terminal blocks

		ZTR 2.5			ZTR 2.5/3 AN			ZTR 2.5/D			ZTR 2.5/3 AN/D		
Dimensions													
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 mm²			400 V/16 A**/2,5 mm²			400 V/10 A**/2,5 mm²			400 V/10 A**/2,5 mm²		
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	mm²	0,5…4			0,5…4			0,5…4			0,5…4		
flexible H07V-K	mm²	0,5…4			0,5…4			0,5…4			0,5…4		
with ferrule to DIN 46 228/1***	mm²	0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5		
with ferrule with plastic insulating collar***	mm²	0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5		
Max. Clamping Range in mm²/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.	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 +▷|–							ZTR 2.5/D+	**160871**	50	ZTR 2.5/3AN/D+	**167033**	50
	With diode –◁|+							ZTR 2.5/D–	**160872**	50	ZTR 2.5/3AN/D–	**167034**	50
	With wire link							ZTR 2.5/D/DRBR	**160873**	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	ZAP/TW3	**160880**	50
	Blue Wemid	ZAP/TW2BL	**160878**	50	ZAP/TW3BL	**160881**	50	ZAP/TW2BL	**160878**	50	ZAP/TW3BL	**160881**	50
	Orange PA	ZAP/TW2OR	**160879**	50	ZAP/TW3OR	**160882**	50	ZAP/TW2OR	**160879**	50	ZAP/TW3OR	**160882**	50
Cross-connection													
ZQV ZQW		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
Connection of Z-series with WDU 6/WDU 10		ZQV 2.5/50	**169754**	20	ZQV 2.5/50	**169754**	20	ZQV 2.5/50	**169754**	20	ZQV 2.5/50	**169754**	20
by means of adapter type ZQW 1, with WDU 16/WDU 35		ZQW 1	**161143**	5	ZQW 1	**161143**	5	ZQW 1	**161143**	5	ZQW 1	**161143**	5
by adapter type ZQW 2		ZQW 2	**161144**	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	ZTA 1	**160904**	25
	With pin	ZTA 1/ZA	**160905**	25	ZTA 1/ZA	**160905**	25	ZTA 1/ZA	**160905**	25	ZTA 1/ZA	**160905**	25
		PS 2.0	**029380**	20	PS 2.0	**029380**	20	PS 2.0	**029380**	20	PS 2.0	**029380**	20
PS		PS 2.3	**018040**	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	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	ZAD 1/4	**160911**	20
Reducing sleeves**	**Colour**												
ZRH for conductor 0,13...0,2 mm²	White	ZRH 2.5/1	**161430**	100	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 mm²	Grey	ZRH 2.5/2	**161429**	100	ZRH 2.5/2	**161429**	100	ZRH 2.5/2	**161429**	100	ZRH 2.5/2	**161429**	100
ZRH for conductor 0,75...1 mm²	Dark grey	ZRH 2.5/3	**161428**	100	ZRH 2.5/3	**161428**	100	ZRH 2.5/3	**161428**	100	ZRH 2.5/3	**161428**	100
Diode plug (spare)													
	+▷|–	WSD 2.5	**105856**	25	WSD 2.5	**105856**	25	WSD 2.5	**105856**	25	WSD 2.5	**105856**	25
	–◁|+	WSD 2.5	**105846**	25	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	WSD 2.5	**105866**	25
	Without special components	WSD 2.5	**105876**	25	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	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
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 DEK ZS	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
** 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
**** Standard pack includes 100 strips for 10 poles each

Fuse terminal blocks

		ZSI 2.5			ZSI 2.5/2		
		for metric fuses			for inch fuses		
Dimensions							
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 mm²			500 V/10 A/2,5 mm²		
Rated impulse voltage / pollution severity		6 kV/3			6 kV/3		
to VDE 0110/1.89							
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	mm²	0,5…4			0,5…4		
flexible H07V-K	mm²	0,5…4			0,5…4		
with ferrule to DIN 46 228/1***	mm²	0,5…2,5			0,5…2,5		
with ferrule with plastic insulating collar***	mm²	0,5…2,5			0,5…2,5		
Max. Clamping Range in mm²/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	**Rated impulse voltage**	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Wemid	500 V	ZSI 2.5	**161640**	50	ZSI 2.5	**161646**	25
Wemid/with 1 LED	250 V~/110 V–	ZSI 2.5/LD	**161641**	50	ZSI 2.5/2LD	**161650**	25
Wemid/with 1 LED	80…120 V~/40…60 V–	ZSI 2.5/LD	**161642**	50	ZSI 2.5/2LD	**161649**	25
Wemid/with 1 LED	30…60 V~/15…30 V–	ZSI 2.5/LD	**161643**	50	ZSI 2.5/2LD	**161648**	25
Wemid/with 1 LED	10…24 V~/5…14 V–	ZSI 2.5/LD	**161644**	50	ZSI 2.5/2LD	**161647**	25
Wemid/with 1 LED	24 V–	ZSI 2.5/LD	**161645**	50			
End plate / partition	**Version**						
	Wemid	ZAP/TW3	**160880**	50			
	Blue Wemid	ZAP/TW3BL	**160881**	50			
	Orange PA	ZAP/TW3OR	**160882**	50			
ZAP/TW ZAP TNHE/ZSI 2.5	Wemid	ZAP TNHE/ZSI 2.5	**161084**	25	ZAP TNHE/ZSI 2.5	**161084**	25
Cross-connection							
ZQV		ZQV 6/2	**162785**	60	ZQS 2.5/2	**163320**	20
		ZQV 6/3	**162786**	60	ZQS 2.5/3	**163321**	20
		ZQV 6/4	**162787**	60	ZQS 2.5/4	**163322**	20
					ZQS 2.5/5	**163323**	20
Test adapter	**Version**						
ZTA	Without pin	ZTA 1	**160904**	25	ZTA 1	**160904**	25
	With pin	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	Blank snap-on tag	ESO 7	**160772**	240	ESO 7	**160772**	240
STR	Transparent protective cover	STR 7	**051530**	20	STR 7	**051530**	20
Marking tags	**Print**						
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 DEK ZS	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

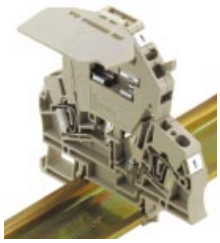
See page 2/60 as well as section 3 for additional accessories

*** Ferrules crimped gas-tight

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

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

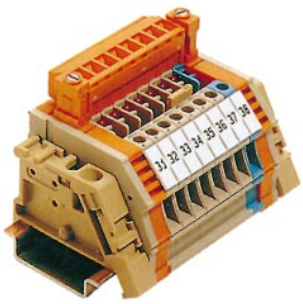
Before fitting the cross connect link, the cross connect link window must be removed. Do not break out the side window of the last terminal.

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.

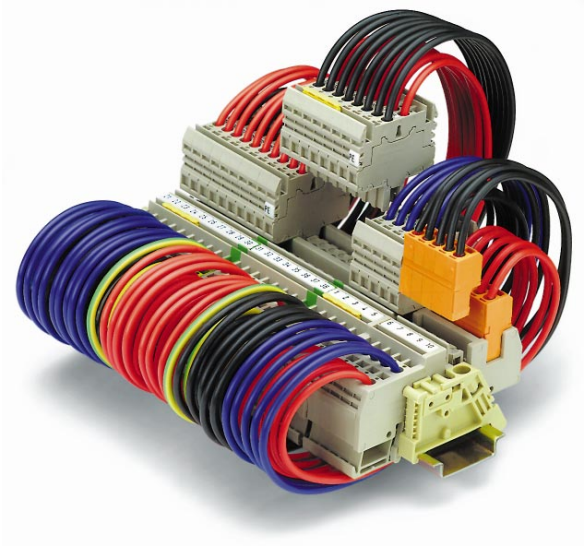
WDU 2.5/BLZ
WDK 2.5/BLZ



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

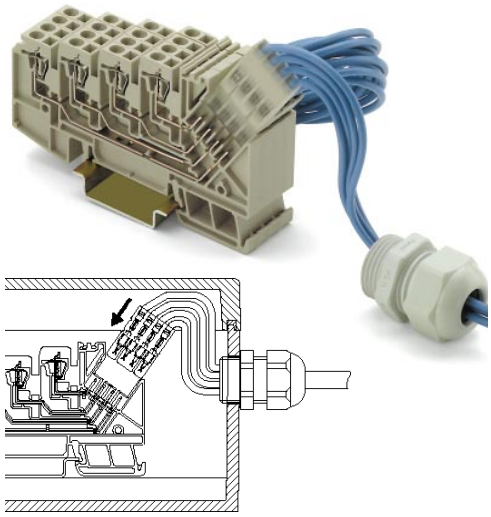
ZKBD 2.5/1.5
ZKSD 2.5/1.5



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

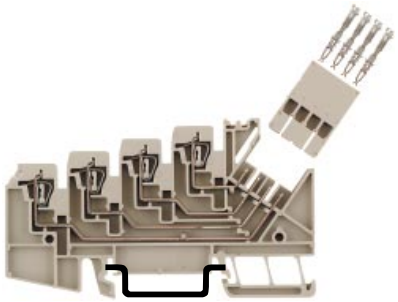
ZRV 1.5

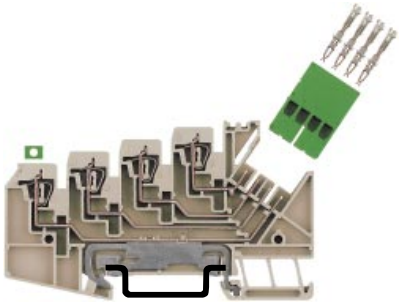


On account of its low height of 55 mm (plus space taken up by loop in cable), this system can even be mounted inside very flat enclosures. The width of only 5 mm and the 4 through-connections reduce the length of the terminal block assemblies and make more space available inside the control cabinet. 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 mm²	63 V/4 A/1,0 mm²	63 V/4 A/1,5 mm²	63 V/4 A/1,0 mm²
Further technical data				
Clampable conductor: mm²	Tension clamp connection	Tension clamp connection	Tension clamp connection	Tension clamp connection
solid H07V-U mm²	0,13…2,5	-	0,13…2,5	-
flexible H07V-K mm²	0,5…2,5	-	0,5…2,5	-
with ferrule to DIN 46 228/1 mm²	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 mm²	0,5…1,5	-	0,5…1,5	-
Max. Clamping Range in mm²	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 mm²		**170533** 5000		**170533** 5000
0,2...0,35 mm²		**170531** 500		**170531** 500
0,5...1,0 mm²		**170534** 5000		**170534** 5000
0,5...1,0 mm²		**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

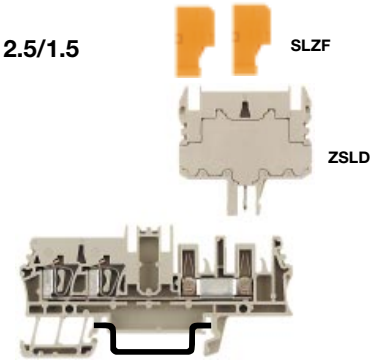
DEK ZS

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

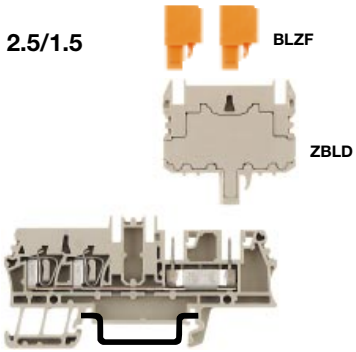
* Cross-connection can be easily cut off for required number of poles

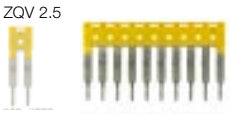
Pluggable Terminal blocks

ZKBD 2.5/1.5



ZKSD 2.5/1.5



Dimensions		ZKBD / ZSLD		ZKBD / SLZF		ZKSD / ZBLD		ZKSD / BLZF	
Width / length / height plugged in (mm) with TS 35 x 7,5		5/79/62		5/79/49		5/79/62		5/79/49	
Insulation stripping length	mm	8		7		8		7	
Bemessungsdaten									
Rated voltage / current / cross-section		250 V/16 A/2,5 mm^2		250 V/16 A/1,5 mm^2		250 V/16 A/2,5 mm^2		250 V/16 A/1,5 mm^2	
Rated insulation voltage to VDE 0110 / 2.89 / pollution severity		4 kV/3		4 kV/3		4 kV/3		4 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**	mm^2	0,5…1,5[1])		0,5…1,5		0,5…1,5[1])		0,5…1,5	
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	A1	0,13…2,5	A2	0,13…2,5	A1
Continuous current rating of cross-connection 2-pole	A	16				16			
Continuous current rating of cross-connection multipole	A	16				16			
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.
Base terminal block	Wemid	ZKBD 2.5 /1.5	**168826**		100	ZKSD 2.5 /1.5	**169761**		100
		Type / Cat. No. / Qty.	Type / Cat. No. / Qty.			Type / Cat. No. / Qty.	Type / Cat. No. / Qty.		
Connector		ZSLD 2.5/1.5/2	**168828**	25	SLZF 5,08/2 **167945** 100	ZBLD 2.5/1.5/2	**169763**	25	BLZF 5.08/2 **167991** 100
		ZSLD 2.5/1.5/3	**168829**	25	SLZF 5,08/3 **167946** 100	ZBLD 2.5/1.5/3	**169764**	25	BLZF 5.08/3 **167992** 100
		ZSLD 2.5/1.5/4	**168889**	25	SLZF 5,08/4 **167947** 100	ZBLD2.5/1.5/4	**169765**	25	BLZF 5.08/4 **167993** 100
		ZSLD 2.5/1.5/5	**168890**	20	SLZF 5,08/5 **167948** 50	ZBLD2.5/1.5/5	**169766**	20	BLZF 5.08/5 **167994** 50
		ZSLD 2.5/1.5/6	**168891**	20	SLZF 5,08/6 **167949** 50	ZBLD2.5/1.5/6	**169767**	20	BLZF 5.08/6 **167995** 50
		ZSLD 2.5/1.5/7	**168892**	20	SLZF 5,08/7 **167950** 50	ZBLD2.5/1.5/7	**169768**	20	BLZF 5.08/7 **167996** 50
		ZSLD 2.5/1.5/8	**168893**	20	SLZF 5,08/8 **167951** 50	ZBLD2.5/1.5/8	**169769**	20	BLZF 5.08/8 **167997** 50
		ZSLD 2.5/1.5/9	**168894**	10	SLZF 5,08/9 **167952** 50	ZBLD2.5/1.5/9	**169770**	10	BLZF 5.08/9 **167998** 50
		ZSLD 2.5/1.5/10	**168895**	10	SLZF 5,08/10 **167953** 50	ZBLD2.5/1.5/10	**169771**	10	BLZF 5.08/10 **167999** 50
		ZSLD 2.5/1.5/11	**168896**	10	SLZF 5,08/11 **167954** 50	ZBLD2.5/1.5/11	**169772**	10	BLZF 5.08/11 **168000** 50
		ZSLD 2.5/1.5/12	**168897**	10	SLZF 5,08/12 **167955** 50	ZBLD2.5/1.5/12	**169773**	10	BLZF 5.08/12 **168001** 50
End plate / partition/Fixing bracket	**Version**								
ZAP	Wemid	ZAP/TW 3	**160880**	50	ZAP 6 **168830** 50	ZAP/TW 3	**160880**	50	ZAP 6 **168830** 50
	Orange PA	ZAP/TW 3	**160882**	50	ZAP 6 **168833** 50	ZAP/TW 3	**160882**	50	ZAP 6 **168833** 50
	Orange PA	ZVR	**168834**	20	ZAP/VR 1 **168831** 50	ZVR	**168834**	20	ZAP/VR 1 **168831** 50
Cross-connection									
ZQV 2.5 		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 2.5/4	**160888**	60		ZQV 2.5/4	**160888**	60	
		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 2.5/7	**160891**	20		ZQV 2.5/7	**160891**	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 2.5/10	**160894**	20		ZQV 2.5/10	**160894**	20	
		ZQV 2.5/50	**169754**	20		ZQV 2.5/50	**169754**	20	
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		ZGB 30	**161193**	20		ZGB 30	**161193**	20	
ESO	Blank snap-on tag	ESO 7	**160772**	240		ESO 7	**160772**	240	
STR	Transparent protective cover	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 1.5N /1 **163214** 100	ZRH 1.5H /1	**167881**	100	ZRH 1.5N /1 **163214** 100
ZRH for conductor 0,25...0,5 mm^2	Grey	ZRH 1.5H /2	**167880**	100	ZRH 1.5N /2 **163213** 100	ZRH 1.5H /2	**167880**	100	ZRH 1.5N /2 **163213** 100
ZRH for conductor 0,75...1 mm^2	Dark grey	ZRH 1.5H /3	**167879**	100	ZRH 1.5N /3 **163212** 100	ZRH 1.5H /3	**167879**	100	ZRH 1.5N /3 **163212** 100
Marking tags	**Print**								
DEK	Consecutive horizontal	DEK 5	**047346**	500		DEK 5	**047346**	500	
DEK	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 DEK ZS	Printed	ZS 10/5	**161001**	480		ZS 10/5	**161001**	480	

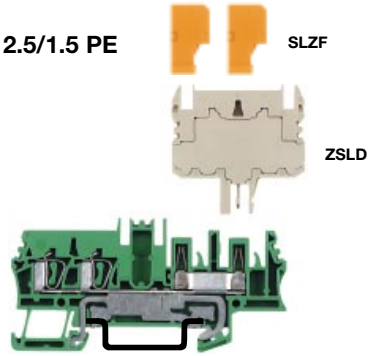
See page 2/60 as well as section 3 for additional accessories

* Approvals applied for
** Ferrules crimped gas-tight
*** Standard pack includes 100 strips for 10 poles each

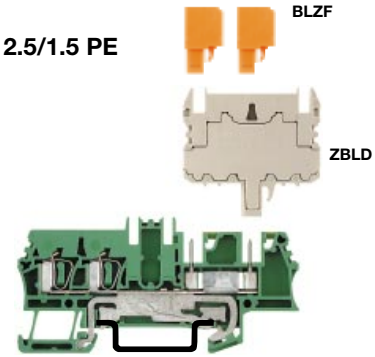
[1]) Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm^2 possible too

Pluggable Ground Terminal block

ZKBD 2.5/1.5 PE



ZKSD 2.5/1.5 PE



Dimensions		ZKBD PE / ZSLD		ZKBD PE / SLZF		ZKSD PE / ZBLD		ZKSD PE / BLZF	
Width / length / height plugged in (mm)	with TS 35 x 7,5	5/79/62		5/79/49		5/79/62		5/79/49	
Insulation stripping length	mm	8		7		8		7	
Rated data									
Rated voltage / current PEN / cross-section		–V/–A/2,5 mm²		–V/–A/1,5 mm²		–V/–A/2,5 mm²		–V/–A/1,5 mm²	
Rated voltage / rated impulse voltage / pollution severity to VDE 0110/1.89 to adjacent terminal		250 V/4 kV/3		250 V/4 kV/3		250 V/4 kV/3		250 V/4 kV/3	
Further technical data									
Clampable conductor:									
solid H07V-U	mm²	0,5…2,5		0,5…2,5		0,5…2,5		0,5…2,5	
flexible H07V-K	mm²	0,5…2,5		0,5…2,5		0,5…2,5		0,5…2,5	
with ferrule to DIN 46 228/1**	mm²	0,5…1,5[1])		0,5…1,5		0,5…1,5[1])		0,5…1,5	
with ferrule with plastic insulating collar**	mm²	0,5…1,5		0,5…1,5		0,5…1,5		0,5…1,5	
Max. Clamping Range in mm²/Gauge pin to IEC 947-1/1988 Size		0,13…2,5	A2	0,13…2,5	A1	0,13…2,5	A2	0,13…2,5	A1
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.
Base terminal block	Green/yellow Wemid	ZKBD 2.5 /1.5 PE	**168827**		100	ZKSD 2.5/1.5 PE	**169762**		100
Connector		Type / Cat. No. / Qty.	Type / Cat. No. / Qty.			Type / Cat. No. / Qty.	Type / Cat. No. / Qty.		
		ZSLD 2.5/1.5/2	**168828**	25	SLZF 5,08/2 **167945** 100	ZBLD 2.5/1.5/2	**169763**	25	BLZF 5.08/2 **167991** 100
		ZSLD 2.5/1.5/3	**168829**	25	SLZF 5,08/3 **167946** 100	ZBLD 2.5/1.5/3	**169764**	25	BLZF 5.08/3 **167992** 100
		ZSLD 2.5/1.5/4	**168889**	25	SLZF 5,08/4 **167947** 100	ZBLD2.5/1.5/4	**169765**	25	BLZF 5.08/4 **167993** 100
		ZSLD 2.5/1.5/5	**168890**	20	SLZF 5,08/5 **167948** 50	ZBLD2.5/1.5/5	**169766**	20	BLZF 5.08/5 **167994** 50
		ZSLD 2.5/1.5/6	**168891**	20	SLZF 5,08/6 **167949** 50	ZBLD2.5/1.5/6	**169767**	20	BLZF 5.08/6 **167995** 50
		ZSLD 2.5/1.5/7	**168892**	20	SLZF 5,08/7 **167950** 50	ZBLD2.5/1.5/7	**169768**	20	BLZF 5.08/7 **167996** 50
		ZSLD 2.5/1.5/8	**168893**	20	SLZF 5,08/8 **167951** 50	ZBLD2.5/1.5/8	**169769**	20	BLZF 5.08/8 **167997** 50
		ZSLD 2.5/1.5/9	**168894**	10	SLZF 5,08/9 **167952** 50	ZBLD2.5/1.5/9	**169770**	10	BLZF 5.08/9 **167998** 50
		ZSLD 2.5/1.5/10	**168895**	10	SLZF 5,08/10 **167953** 50	ZBLD2.5/1.5/10	**169771**	10	BLZF 5.08/10 **167999** 50
		ZSLD 2.5/1.5/11	**168896**	10	SLZF 5,08/11 **167954** 50	ZBLD2.5/1.5/11	**169772**	10	BLZF 5.08/11 **168000** 50
		ZSLD 2.5/1.5/12	**168897**	10	SLZF 5,08/12 **167955** 50	ZBLD2.5/1.5/12	**169773**	10	BLZF 5.08/12 **168001** 50
End plate / partition / Fixing bracket	**Version**								
ZAP	Wemid	ZAP/TW 3	**160880**	50	ZAP 6 **168830** 50	ZAP/TW 3	**160880**	50	ZAP 6 **168830** 50
	Orange PA	ZAP/TW 3	**160882**	50	ZAP 6 **168833** 50	ZAP/TW 3	**160882**	50	ZAP 6 **168833** 50
	Orange PA	ZVR	**168834**	20	ZAP/VR 1 **168831** 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		ZGB 30	**161193**	20		ZGB 30	**161193**	20	
ESO	Blank snap-on tag	ESO 7	**160772**	240		ESO 7	**160772**	240	
STR	Transparent protective cover	STR 7	**051530**	20		STR 7	**051530**	20	
Reducing sleeves* **	**Colour**								
ZRH for conductor 0,13...0,2 mm²	White	ZRH 1.5H /1	**167881**	100	ZRH 1.5N /1 **163214** 100	ZRH 1.5H /1	**167881**	100	ZRH 1.5N /1 **163214** 100
ZRH for conductor 0,25...0,5 mm²	Grey	ZRH 1.5H /2	**167880**	100	ZRH 1.5N /2 **163213** 100	ZRH 1.5H /2	**167880**	100	ZRH 1.5N /2 **163213** 100
ZRH for conductor 0,75...1 mm²	Dark grey	ZRH 1.5H /3	**167879**	100	ZRH 1.5N /3 **163212** 100	ZRH 1.5H /3	**167879**	100	ZRH 1.5N /3 **163212** 100
Marking tags	**Print**								
DEK	Consecutive horizontal	DEK 5	**047346**	500		DEK 5	**047346**	500	
DEK	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 DEK ZS	Printed	ZS 10/5	**161001**	480		ZS 10/5	**161001**	480	

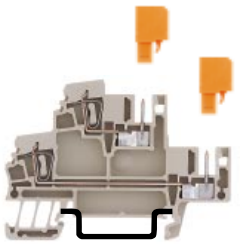
See page 2/60 as well as section 3 for additional accessories

* 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

Pluggable Terminal blocks

ZDKS



ZDKB

Dimensions		ZDKS		BLZF		ZDKB		SLZF	
Width / length / height plugged in (mm) with TS 35 x 7,5		5/79/62		5/79/49		5/79/62		5/79/49	
Insulation stripping length	mm	8		7		8		7	
Rated data									
Rated voltage / current / cross-section		250 V/16 A/2,5 mm^2		250 V/16 A/1,5 mm^2		250 V/16 A/2,5 mm^2		250 V/16 A/1,5 mm^2	
Rated insulation voltage to VDE 0110 / 2.89 / pollution severity		4 kV/3		4 kV/3		4 kV/3		4 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**	mm^2	0,5…1,5[1])		0,5…1,5		0,5…1,5[1])		0,5…1,5	
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	A1	0,13…2,5	A2	0,13…2,5	A1
Continuous current rating of cross-connection 2-pole	A	16				16			
Continuous current rating of cross-connection multipole	A	16				16			
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.
Base terminal block	Wemid	ZDKS		**169961**	100	ZDKB		**169960**	100
Connector		BLZF 5.08/2		**167991**	100	SLZF 5,08/2		**167945**	100
		BLZF 5.08/3		**167992**	100	SLZF 5,08/3		**167946**	100
		BLZF 5.08/4		**167993**	100	SLZF 5,08/4		**167947**	100
		BLZF 5.08/5		**167994**	50	SLZF 5,08/5		**167948**	50
		BLZF 5.08/6		**167995**	50	SLZF 5,08/6		**167949**	50
		BLZF 5.08/7		**167996**	50	SLZF 5,08/7		**167950**	50
		BLZF 5.08/8		**167997**	50	SLZF 5,08/8		**167951**	50
		BLZF 5.08/9		**167998**	50	SLZF 5,08/9		**167952**	50
		BLZF 5.08/10		**167999**	50	SLZF 5,08/10		**167953**	50
		BLZF 5.08/11		**168000**	50	SLZF 5,08/11		**167954**	50
		BLZF 5.08/12		**168001**	50	SLZF 5,08/12		**167955**	50
End plate / partition/Verriegelung	**Version**								
ZAP	Wemid	ZAP/ZDKB/ZDKS		**169962**	20	ZAP/ZDKB/ZDKS		**169962**	20
ZVR	Beige PA	ZVR2 ZDKS 2.5/1.5		**169964**	20				
ZVR	grün PA					ZVR1 ZDKS 2.5/1.5		**169963**	20
Cross-connection									
ZQV 2.5		ZQV 2.5N/2		**169380**	60	ZQV 2.5N/2		**169380**	60
		ZQV 2.5N/3		**169381**	60	ZQV 2.5N/3		**169381**	60
		ZQV 2.5N/4		**169382**	60	ZQV 2.5N/4		**169382**	60
		ZQV 2.5N/5		**169383**	20	ZQV 2.5N/5		**169383**	20
		ZQV 2.5N/6		**169384**	20	ZQV 2.5N/6		**169384**	20
		ZQV 2.5N/7		**169385**	20	ZQV 2.5N/7		**169385**	20
		ZQV 2.5N/8		**169386**	20	ZQV 2.5N/8		**169386**	20
		ZQV 2.5N/9		**169387**	20	ZQV 2.5N/9		**169387**	20
		ZQV 2.5N/10		**169388**	20	ZQV 2.5N/10		**169388**	20
		ZQV 2.5N/50		**169389**	5	ZQV 2.5N/50		**169389**	5
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		ZGB 30		**161193**	20	ZGB 30		**161193**	20
ESO	Blank snap-on tag	ESO 7		**160772**	240	ESO 7		**160772**	240
STR	Transparent protective cover	STR 7		**051530**	20	STR 7		**051530**	20
Reducing sleeves* **	**Colour**	**ZDKS**		**BLZF**		**ZDKB**		**SLZF**	
ZRH for conductor 0,13...0,2 mm^2	White	ZRH 1.5H /1	**167881** 100	ZRH 1.5N /1	**163214** 100	ZRH 1.5H /1	**167881** 100	ZRH 1.5N /1	**163214** 100
ZRH for conductor 0,25...0,5 mm^2	Grey	ZRH 1.5H /2	**167880** 100	ZRH 1.5N /2	**163213** 100	ZRH 1.5H /2	**167880** 100	ZRH 1.5N /2	**163213** 100
ZRH for conductor 0,75...1 mm^2	Dark grey	ZRH 1.5H /3	**167879** 100	ZRH 1.5N /3	**163212** 100	ZRH 1.5H /3	**167879** 100	ZRH 1.5N /3	**163212** 100
Marking tags	**Print**								
DEK	Consecutive horizontal	DEK 5		**047346**	500	DEK 5		**047346**	500
DEK	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 DEK ZS	Printed	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 mm^2 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.

- Fitted without a mounting rail directly onto any supporting unit by means of external screws
- Fitted without a mounting rail directly onto base panels by means of integrated snap-in clips
- Fitted onto TS15 mounting rails in accordance with DIN EN 50 045
- 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.

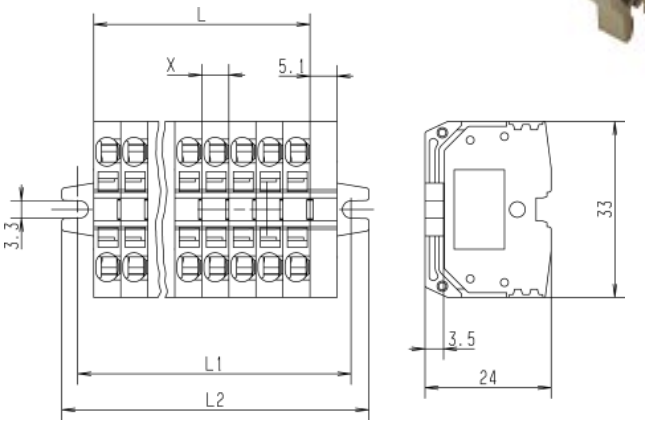
All block terminals are made from high-quality Weidmüller WEMID insulating material which conforms to the UL94 V0 flammability rating.

ZDUB 2.5-2
Direct mounting

ZDUB 2.5-2
Snap-in clips

ZDUB 2.5-2
TS15

ZDUB 2.5-2
TS15 / TS35



Summary of advantages

- Four different mounting options
- Two versions
  5 mm width with 2 connections
  10 mm width with 4 connections
- Space-saving creation of individual blocks by combining 2 and 4-connection versions
- TOP connection system guarantees clarity after terminals have been wired up
- UL94 V0 flammability rating

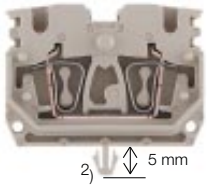
Rated data IEC 947-7-1

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2,5 mm^2

Drilling plan (Dimensions in mm)

L = (X terminals x 5,15) + (X terminals x 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		
								2) 5 mm			 2) 5 mm		
Dimensions													
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 947-7-1													
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													
Rated impulse voltage / pollution severity		8 kV/3			8 kV/3			8 kV/3			8 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**	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.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Centreterminals ZDUB 2.5-2/2AN and **4AN**	beige Wemid	2AN/DM	**170435**	100	4AN/DM	**170454**	100	2AN/RC	**171282**	100	4AN/RC	**171297**	100
to be used with TS 15 or Clip versions,	blue Wemid	2AN/DM BL	**170436**	100	4AN/DM BL	**170455**	100	2AN/RC BL	**171283**	100	4AN/RC BL	**171298**	100
in case each individual terminal is not	orange PA	2AN/DM OR	**170437**	100	4AN/DM OR	**170456**	100	2AN/RC OR	**171284**	100	4AN/RC OR	**171299**	100
equiped with clip or foot	yellow/green Wemid	2AN/DM GE	**170438**	100	4AN/DM GE	**170457**	100	2AN/RC GE	**171285**	100	4AN/RC GE	**171300**	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	2AN/2/RC	**171286**	50	4AN/2/RC	**171301**	50
Special versions out off 2AN and 4An	3 pol	2AN/3/DB	**170440**	50	4AN/3/DB	**170459**	50	2AN/3/RC	**171287**	50	4AN/3/RC	**171302**	50
as well as other colours will be supplied	4 pol	2AN/4/DB	**170441**	20	4AN/4/DB	**170460**	20	2AN/4/RC	**171288**	20	4AN/4/RC	**171303**	20
upon customer request.	5 pol	2AN/5/DB	**170442**	20	4AN/5/DB	**170461**	20	2AN/5/RC	**171289**	20	4AN/5/RC	**171304**	20
	7-pole	2AN/6/DB	**170443**	20	4AN/6/DB	**170462**	20	2AN/6/RC	**171290**	20	4AN/6/RC	**171305**	20
	8-pole	2AN/7/DB	**170444**	20	4AN/7/DB	**170463**	20	2AN/7/RC	**171291**	20	4AN/7/RC	**171306**	20
	9-pole	2AN/8/DB	**170445**	10	4AN/8/DB	**170464**	10	2AN/8/RC	**171292**	10	4AN/8/RC	**171307**	10
	10-pole	2AN/9/DB	**170446**	10	4AN/9/DB	**170465**	10	2AN/9/RC	**171293**	10	4AN/9/RC	**171308**	10
	11-pole	2AN/10/DB	**170447**	10	4AN/10/DB	**170466**	10	2AN/10/RC	**171294**	10	4AN/10/RC	**171309**	10
	12-pole	2AN/11/DB	**170448**	10	4AN/11/DB	**170467**	10	2AN/11/RC	**171295**	10	4AN/11/RC	**171310**	10
		2AN/12/DB	**170449**	10	4AN/12/DB	**170468**	10	2AN/12/RC	**171296**	10	4AN/12/RC	**171311**	10
Fixing bracket													
Necessary for customer assembly of		ZBB ZDUB	**170474**	50	ZBB ZDUB	**170474**	50						
individual No. of poles													
Clip-on combifoot TS15 / TS35 for direct mounting versions		MOFU 15/35 ZDUB	**172366**	50	MOFU 15/35 ZDUB	**172366**	50						
End plate													
ZAP ZDUB = Thickness 5 mm	Wemid							ZAP ZDUB	**170475**	50	ZAP ZDUB	**170475**	50
ZAP/TW ZDUA = Thickness 1.5 mm	Blue Wemid							ZAP ZDUB BL	**170476**	50	ZAP ZDUB BL	**170476**	50
	Orange Wemid							ZAP ZDUB OR	**170477**	50	ZAP ZDUB OR	**170477**	50
Partition													
Thickness 5 mm	Orange Wemid	ZTW ZDUB	**170434**	50	ZTW ZDUB	**170434**	50	ZTW ZDUB	**170434**	50	ZTW ZDUB	**170434**	50
Cross-connection													
ZQB 2.5 für ZDUB-Type	2-pole				ZQB 2.5	**167712**	50				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	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 DEK ZS	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

1) Crimped with Weidmüller-Crimping tool PZ 6/5 (Cat. No. 901146) 2,5 mm^2 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
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

ZDUB 2.5-2/4AN

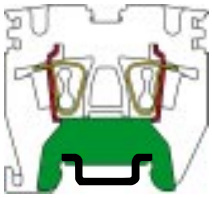
TS 15

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
ZQB 2.5	**167712**	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

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
ZAP ZDUB	**170475**	50
ZAP ZDUB BL	**170476**	50
ZAP ZDUB OR	**170477**	50
ZTW ZDUB	**170434**	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

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

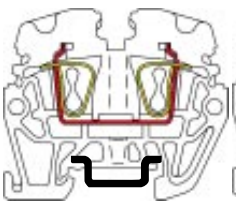
For attaching onto TS 15 mounting rails according to DIN EN 50045. ZDUA / ZPEA enable individual blocks of feed-through and protective conductive terminals to be assembled, whereby each terminal can be removed separately. With an overall width of 5 mm, the TOP connection system guarantees absolute clarity 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

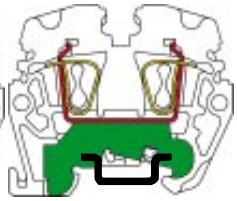


5/35/30,5	
10	
500 V/24 A/2,5 mm^2	
6 kV / 3	
0,5...2,5	
0,5...2,5	
0,5...1,5[1])	
0,5...1,5[1])	
0,13...2,5	A2
– *	
– *	

Type	Cat. No.	Qty.
ZDUA 2.5-2	**172092**	100
ZDUA 2.5-2 BL	**172093**	100
ZDUA 2.5-2 OR	**172094**	100
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
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

		ZZA 2.5	ZBW	ZST	ZQB 2.5
Dimensions					
Width / length / height	mm	6/21/61		10/61/27,5	2,5/8,6/23
Insulation stripping length	mm	10			
Rated data					
Rated voltage / current / cross-section		400 V/17,5 A/2,5 mm^2			500V/24A
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	Type	Cat. No.	Qty.
Wemid	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 in provided so that each second terminal can be used.

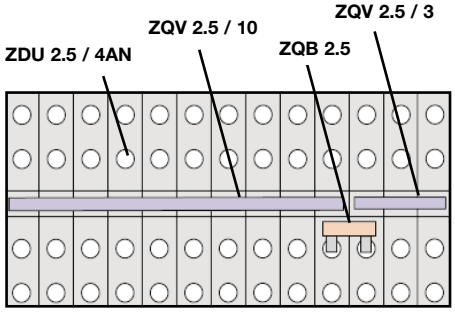
The ZBW 1 - 6 and ZBW W can be used for actuating the 1.5 mm^2 and 2.5 mm^2 terminal clamping units.
The ZBW W additionally offers easier access in confined spaces.
The plastic actuating tools increase safety when working on energised systems.

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			
DEK	Consecutive horizontal	DEK 5	**047346**	500
DEK	Consecutive vertical	DEK 5	**047356**	500
ZS 10	Blank	ZS 10/5	**161000**	480
ZS 10	Printed	ZS 10/5	**161001**	480

SFEH
Pin header

125 V

Type	Cat. No.	Qty.
SFEH 0.8x1.6/3	**168483**	20
SFEH 0.8x1.6/2	**168482**	20
SFEH 1x1 / 3	**168481**	20
SFEH 1x1 / 2	**168480**	20
SFEH 0.8x2.4/3	**168485**	20
SFEH 0.8x2.4/2	**168484**	20

The pin headers SFEH 2- and 3 poles are developed for Termi-Point® and Wire-wrap® connections within the ZDU 2.5 variants.
The rated voltage of the pin headers is 125 V.
Max. 3 connections can be connected to each pin. The pin headers are placed in the clamping unit with the tools ZBW 2 (2 poles), or ZBW 3 (3 poles).

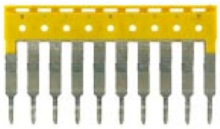
ZDUS
Screening connection terminal block

4,8/83,5/33,5

Type	Cat. No.	Qty.
ZDUS	**167664**	50

The Screen conductor from shielded control lines can be soldered to the current bar of the Screening connection terminal block ZDUS or connected with crimped 2.8 x 0.8 mm push on receptacle.
The Screening connection terminal block ZDUS can be assembled to the ZDU 2.5, ZDU 2.5 / 3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

ZQV 2.5/50
Cross-connection



Type	Cat. No.	Qty.
ZQV 2.5/50	**169754**	20
ZQV 2.5N/50	**169389**	5

Made-to-measure cross-connections

The ZQV 2.5/50 is a cross-connection with which up to 32 terminals can be quickly and easily interconnected.
The 50 pole cross-connection comb can be easily cut by the fitter to the required number of poles.
Using this system, you will be able to reduce storage requirements but still have a cross-connection with the correct number of poles available.
Left-overs occur infrequently due to the high number of poles (50).

The ends of the endless cross-connections are blank. An end plate must be inserted between neighbouring ZQVs with blank edges. For ZDU 2.5 and WDU 2.5 it is sufficient to stagger the ZQVs.
The rated voltage is 400 V.
Generally, the ZQV 2.5/50 can be used with up to 32 poles.

Termi-Point®= registered trademark of the company AMP
Wire-wrap®= registered trademark of the company Gardener Denver

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.

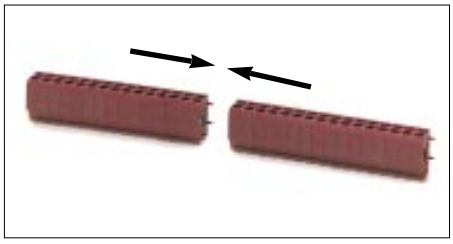
The new ZIK ZAK initiator/actuator terminal from our Z-Series, fulfills the demands for compactness and intraconnection by employing a novel modular construction.

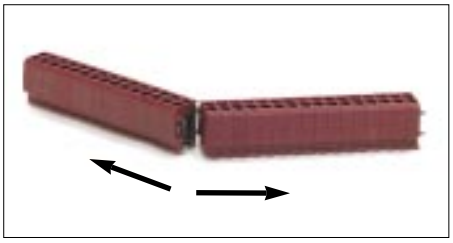
Modular distributor Systems
The terminal needed to connect the initiator/actuator consists of a base element and clip-on distribution elements. The base element contains only the connectors for the signal line.
The +/- supply and ground could be linked within the enclosure.

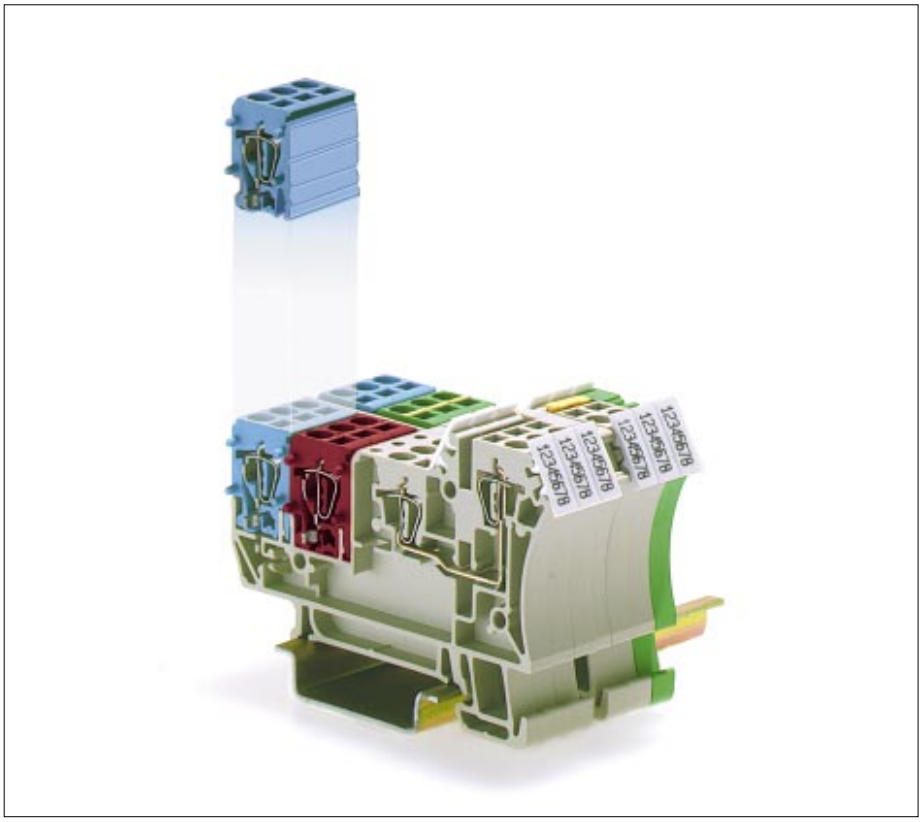
Marking systems
The use of coloured insulators (reddish-brown, blue and green/yellow) generally makes identification easy. The two marking channels for the connectors and signal are angled to improve legibility.

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.





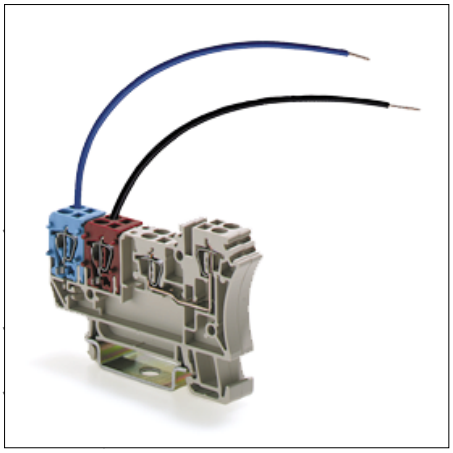


Easy to modify
Once joined together the distribution strip simply clips onto the base element. There are no tools necessary. Should you want to remove a distribution strip you can simply pry it off with a cheese-head screw driver.

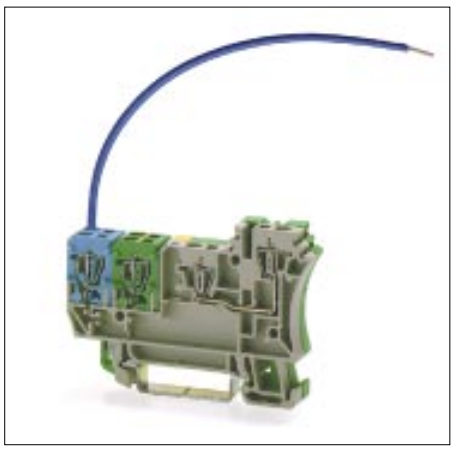
Connection of initiators
No further terminal variations are required for power supply since this ensues simply by adding additional base elements that have built-in cross-connection.

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.

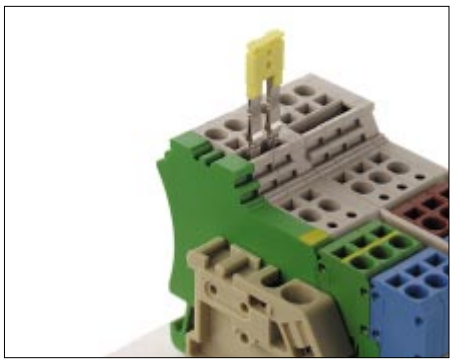
Connection of actuators
Ground (PE) can be connected with a PE element or using a standard PE terminal (such as the ZPE 22.5). The PE base element has the proven PE foot from the ZPE 2.5 and contacts automatically with the ZVL 1.5 PE distributor strip when mounted.
The contact takes place between the 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.



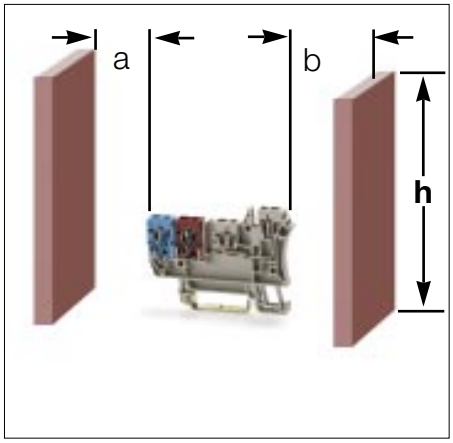
Pluggable cross-connection system
If you do need to cross-connect a signal line you can use the familiar ZQV/2.5 from Z-Series.



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



ZIK•ZAK - Modular distribution system

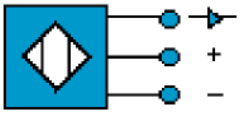
		Terminal base 3-way			Terminal base 4-way			Distribution strip			Block versions		
Dimensions													
Width / length / height (mm)Terminal base with TS 35 x 7,5		5,08/68/45,8			5,08/81/45,8								
Width / length / height (mm)	Distribution							5/12,9/17,5					
Insulation stripping length/clamping screw/screwdriver blade		8 mm/-/3,5 x 0,6			8 mm/-/3,5 x 0,6			8 mm/-/3,5 x 0,6			8 mm/-/3,5 x 0,6		
VDE rated data, 0611 Part 1/8.92/IEC 947-7-1/1989													
Rated voltage / current / cross-section		250 V/17,5 A/1,5 mm^2			250 V/17,5 A/1,5 mm^2			250 V/17,5 A/1,5 mm^2			250 V/17,5 A/1,5 mm^2		
Rated voltage / current / cross-section (mit LED)		5…30 V/17,5 A/1,5 mm^2			5…30 V/17,5 A/1,5 mm^2			5…30 V/17,5 A/1,5 mm^2					
Rated impulse voltage / pollution severity		4 kV/3			4 kV/3			4 kV/3			4 kV/3		
Further technical data													
Tightening torque	Nm												
Torque level with electric screwdriver type DMS2													
Clampable conductor													
solid H07V-U	mm^2	0,13…2,5			0,13…2,5			0,13…2,5			0,13…2,5		
stranded H07V-R	mm^2												
flexible H07V-K	mm^2	0,5…2,5			0,5…2,5			0,5…2,5			0,5…2,5		
flexible H07V-K und AEH DIN 46 228/1	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				A 1			A 1			A 1			A 1
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/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		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	Terminal base 3-way	ZIA 1.5/3 L-1 S	**165198**	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 versionor with an integrated PE-terminal base for the Actuator version or Initiator version with PE-version.		
	Terminal base 3-way 10 poles	ZIA 1.5/3 L-1S/10	**169261**	10									
	Terminal base 3-way with LED **for PNP and NPN***	ZIA 1.5/3 L 1 S/LD	**165199**	50									
	PE-Terminal base 3-way	ZIA 1.5/3 L-PE	**165200**	20									
	Terminal base 4-way				ZIA 1.5/4 L-1 S	**165201**	100						
	Terminal base 4-way 10 poles				ZIA 1.5/4 L-1 S/10	**169262**	5						
	Terminal base 4-way with LED **for PNP and NPN***				ZIA 1.5/4 L 1 S/LD	**165202**	50						
	PE-Terminal base 4-way				ZIA 1.5/4 L-PE	**165203**	20						
	Wemid							ZVL 1.5	**164930**	100**			
	brown Wemid							ZVL 1.5 BR	**165037**	100**			
	blue Wemid							ZVL 1.5 BL	**165036**	100**			
	green / yellow Wemid							ZVL 1.5 PE	**165197**	100**			
3-way type:	for 8 Initiators										ZIA 1.5/3L-1S/8/KB	**169263**	5
	for 8 Actuators										ZIA 1.5/3 L-PE/8/KB	**169265**	5
	for 16 Initiators										ZIA 1.5/3L-1S/16/KB	**169264**	2
	for 16 Actuators										ZIA 1.5/3 L-PE/16/KB	**169266**	2
4-way type:	for 8 Initiators with PE										ZIA 1.5/4 L-PE/8/KB	**169267**	5
	for 16 Initiators with PE										ZIA 1.5/3 L-PE/16/KB	**169268**	2
End plate													
Width / length / height (mm)													
3.8/68/38	3-way	ZAP/TW ZIA 1.5/3 L	**164954**	50									
3.8/81/38	4-way				ZAP/TW ZIA 1.5/4 L	**164955**	50						
Cross-connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.				Type	Cat. No.	Qty.
for signal level	2 poles	ZQV 2.5/2	**160886**	60	ZQV 2.5/2	**160886**	60				ZQV 2.5/2	**160886**	60
ZQV	3 poles	ZQV 2.5/3	**160887**	60	ZQV 2.5/3	**160887**	60				ZQV 2.5/3	**160887**	60
	4 poles	ZQV 2.5/4	**160888**	60	ZQV 2.5/4	**160888**	60				ZQV 2.5/4	**160888**	60
	5 poles	ZQV 2.5/5	**160889**	20	ZQV 2.5/5	**160889**	20				ZQV 2.5/5	**160889**	20
	6 poles	ZQV 2.5/6	**160890**	20	ZQV 2.5/6	**160890**	20				ZQV 2.5/6	**160890**	20
	7 poles	ZQV 2.5/7	**160891**	20	ZQV 2.5/7	**160891**	20				ZQV 2.5/7	**160891**	20
	8 poles	ZQV 2.5/8	**160892**	20	ZQV 2.5/8	**160892**	20				ZQV 2.5/8	**160892**	20
	9 poles	ZQV 2.5/9	**160893**	20	ZQV 2.5/9	**160893**	20				ZQV 2.5/9	**160893**	20
	10 poles	ZQV 2.5/10	**160894**	20	ZQV 2.5/10	**160894**	20				ZQV 2.5/10	**160894**	20
	50 poles	ZQV 2.5/50	**169754**	20	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	SD 0,6 x 3,5	**902423**	1	SD 0,6 x 3,5	**902423**	1
Marking tags	**Print**												
	Consecutive horizontal	DEK 5	**047346**	500	DEK 5	**047346**	500	DEK 5	**047346**	500	DEK 5	**047346**	500
	Consecutive vertical	DEK 5	**047356**	500	DEK 5	**047356**	500	DEK 5	**047356**	500	DEK 5	**047356**	500

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

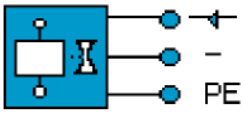
*) Note the polarity
**) Pre-assembled as 20 pole-units

ZIK•ZAK - Configuration examples

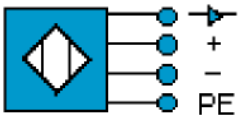
3-way Initiator



3-way Actuator



3-way Initiator with PE

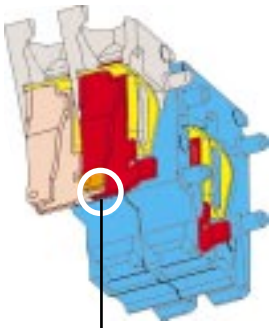


Type	Cat. No.	Qty.	3-way Initiator		3-way Actuator		3-way Initiator with PE
Terminal base 3-way ZIA 1.5/3 L-1 S	**165198**	100					
			alternatively		alternatively		
Terminal base 3-way with LED ZIA 1.5/3 L-1 S/LD **for PNP and NPN**	**165199**	50					
Terminal base 4-way ZIA 1.5/4 L-1 S	**165201**	100					
				alternatively		alternatively	alternatively
Terminal base 4-way with LED ZIA 1.5/4 L-1 S/LD **for PNP and NPN**	**165202**	50					
					as required		
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 ZIA 1.5/3 L	**164954**	50					
				+		+	+
End plate 4-way ZAP/TW ZIA 1.5/4 L	**164955**	50					
			+	+			+
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							

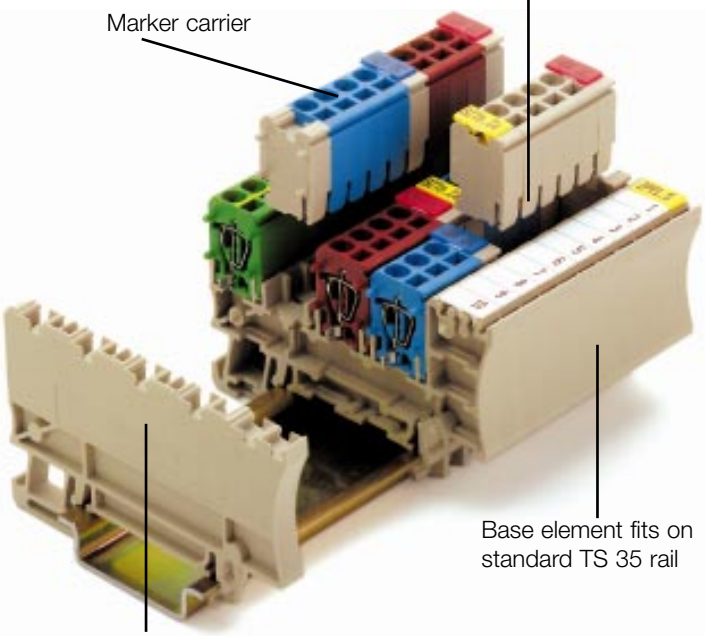
ZPV 1.5 – potential distribution

- 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.

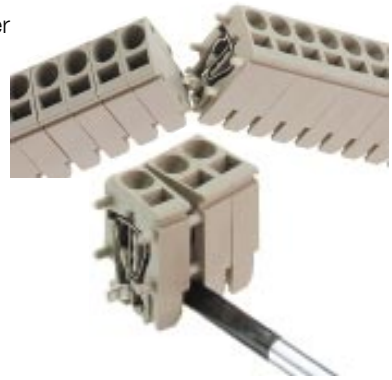


Each element contains built-in cross connection, on one side the male connector, on the other the female.



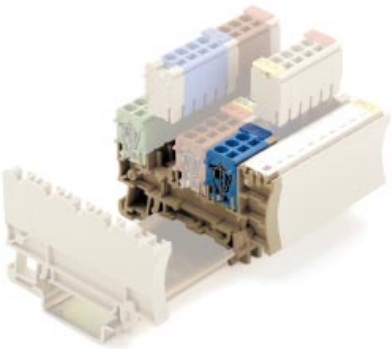
Easy to put together - and split apart

Simply snap off the number of poles you need - by hand or using a screw driver. Assembly errors can be rectified in seconds.



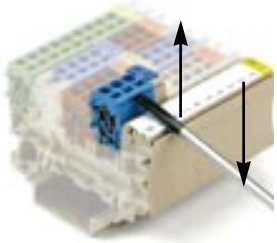
Familiar installation

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.



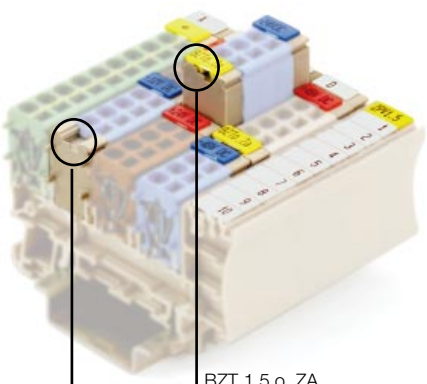
Flexible assembly

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 / dismounting of sections of the distribution row. Both markers are effective electrical separators.

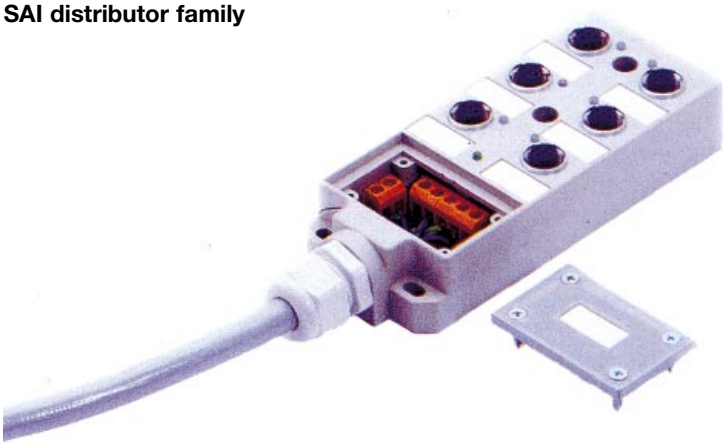


ZPV 1.5
Variable-pole potential distributors with built-in cross-connection

	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 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		0,75
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	Cat. No. Qty.	Cat. No. Qty.
Wemid	**167663** 100	**164930** 100*
Blue Wemid		**165036** 100*
Brown Wemid		**165037** 100*
Green Wemid		**169782** 100*
End plate / partition	Type Cat. No. Qty.	Type Cat. No. Qty.
Wemid	ZAP/TW ZPV1,5 **167465** 50	ZAP/TW ZPV 1,5 **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 **167662** 100
BZT ZVL1,5 o.ZA		BZT ZVL 1,5 ZA **167661** 100
Screwdriver		SD 0,6x3,5x100 **902423** 1
Marking tags for base element ZPV, marker carriers BZT ZVL 1,5 and for end plate ZAP/TW ZPV 1,5	ZGB15 ZGB30 ZS10/5 DEK 5 WS 8/5 WS 10/5 WS 12/5	

*) pre-assembled in 20-pole strips

SAI distributor family



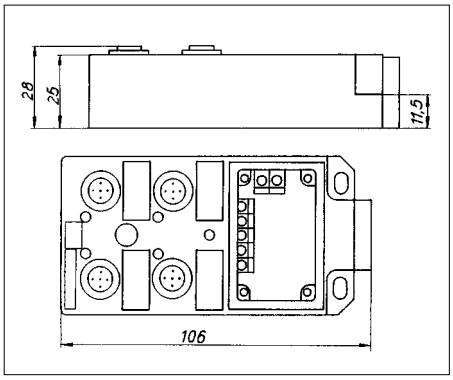
SAI module family

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.

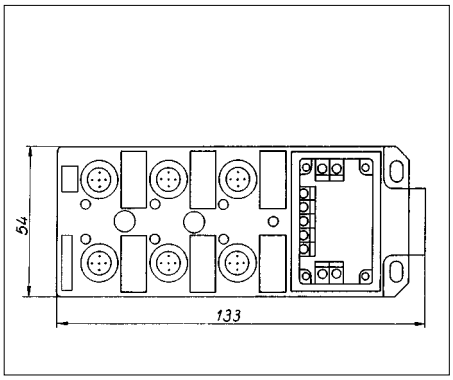
SAI-K

Screw connection
for bus line

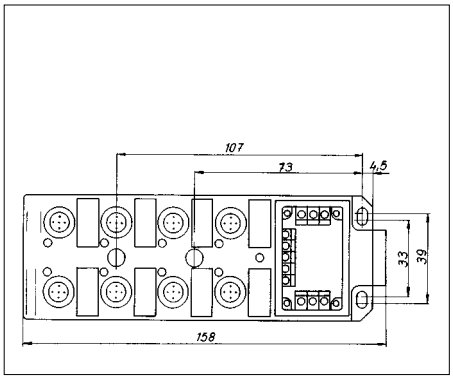
Dimensions and catalogue numbers



Type	Cat. No.
SAI-4-K	**945603**



Type	Cat. No.
SAI-6-K	**945604**

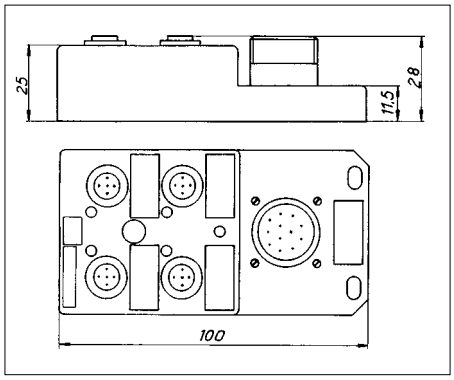


Type	Cat. No.
SAI-8-K	**945606**

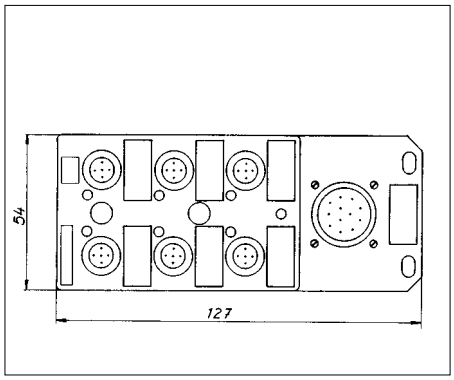
SAI-S

12-pole plug connector
for bus line

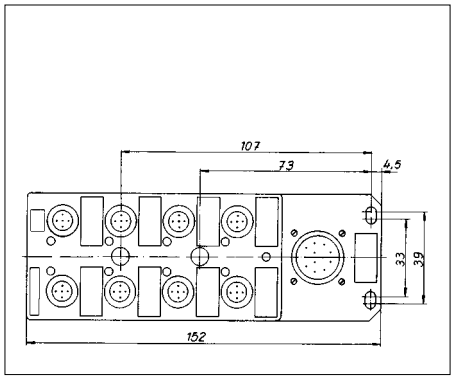
Dimensions and catalogue numbers



Type	Cat. No.
SAI-4-S	**945600**

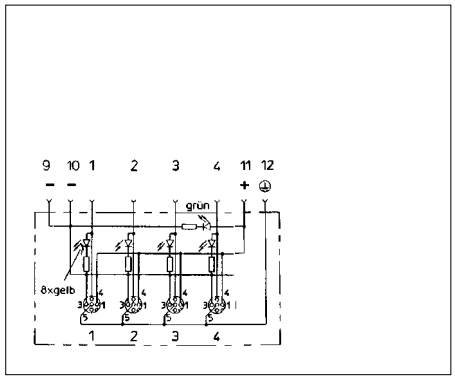


Type	Cat. No.
SAI-6-S	**945601**

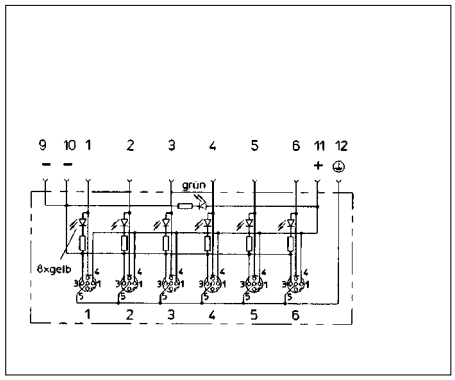


Type	Cat. No.
SAI-8-S	**945602**

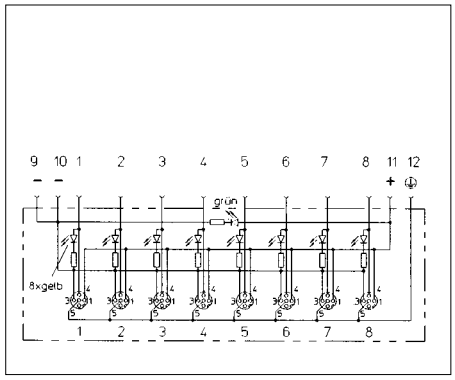
Pin layout



SAI-4...



SAI-6...



SAI-8...

Technical data	
Protection class	IP67 DIN 40050 (plugged and screwed)
Material	PBT not strengthend
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

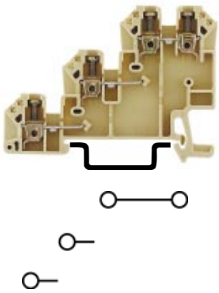
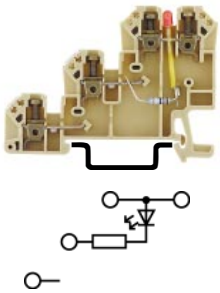
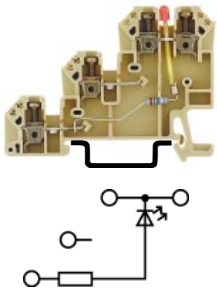
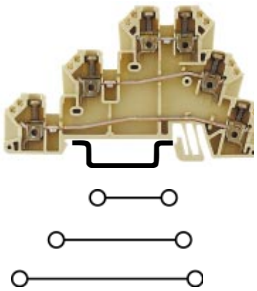
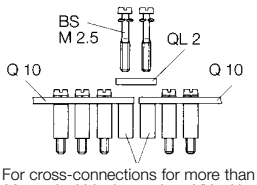
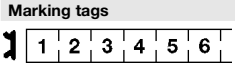
Connector shape:	M 12 to M 12 / Straight connector
Cable type :	PUR in lengths of 0.6 m, 0.9 m, 1.2 m, 1.5 m, 2.0 m

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

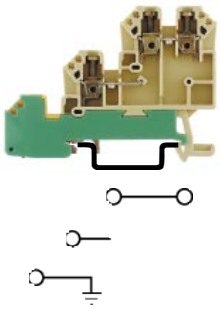
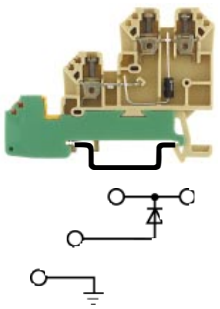
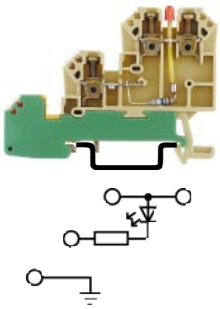
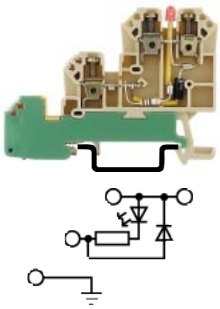
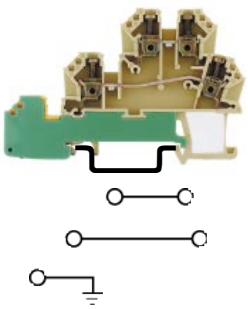
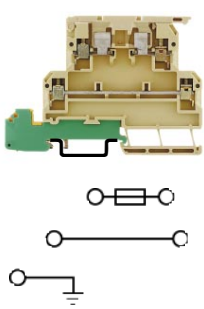
* Detailed data sheet for the new type SAI-M availible on request.

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	6/65/49	6/65/49	6/65/49	6/82/49
Insulation stripping length/clamping screw/screwdriver blade	7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	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	250 V/20 A/2,5 mm²	5–30 V-/20 A/2,5 mm²	5–30 V-/20 A/2,5 mm²	250 V/24 A/2,5 mm²
Rated impulse voltage / pollution severity	4 kV/3	0,8 kV/3	0,8 kV/3	4 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 mm²	0,5…4	0,5…4	0,5…4	0,5…4
stranded H07V-R mm²	0,5…4	0,5…4	0,5…4	0,5…4
flexible H07V-K mm²	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 mm²	0,5…2,5	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	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	
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				
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/26…12 AWG	300 V/10 A/26…12 AWG
Voltage / current / conductor size CSA	300 V/10 A/26…12 AWG	–	–	300 V/10 A/26…12 AWG
Ordering data				
Standard	**131336** 100			**131706** 50
With diode 1N4007				
With LED rot (5…30 V)		**157851** 100	**157855** 100	
With LED grün (5…30 V)		**157852** 100	**157856** 100	
With LED and Diode 1N4007				
With LED and Diode 1N4007				
Block of 10[1])	(w/o dekafix) **141136** 10	(LED red) **157853** 10		
Block of 10[1])	(with dekafix) **157907** 10	(LED green) **157854** 10		
Fuse inserts				
End plate/partition	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	AP **131326** 20	AP **131326** 20	AP **131326** 20	AP **131766** 20
				AP (part-AP) **138186** 20
	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100
AP-DLI AP-DLD Teil-AP TSch 1 (thickness 1.5 mm)				
Test plug/socket				
PS 2.3 StB 8.5	StB 8.5* (ø 2,3) **021570** 50			StB 8.5* (ø 2,3) **021570** 50
	PS 2.3 **018040** 20			PS 2.3 **018040** 20
Cross-connection				
	Q 2 **131250** 50	Q 2 **131250** 50	Q 2 **131250** 50	Q 2 **131250** 50
	Q 3 **131260** 50	Q 3 **131260** 50	Q 3 **131260** 50	Q 3 **131260** 50
	Q 4 **131270** 50	Q 4 **131270** 50	Q 4 **131270** 50	Q 4 **131270** 50
	Q 10 **131310** 20	Q 10 **131310** 20	Q 10 **131310** 20	Q 10 **131310** 20
Q 3	Q 20 **139980** 20	Q 20 **139980** 20	Q 20 **139980** 20	Q 20 **139980** 20
	QL 2 **029720** 100	QL 2 **029720** 100	QL 2 **029720** 100	QL 2 **029720** 100
For cross-connections for more than 20 terminal blocks, replace VH with VH 3.8 (134580) without internal thread	VH 3.8 **134580** 100	VH 3.8 **134580** 100	VH 3.8 **134580** 100	VH 3.8 **134580** 100
Group marking				
	WT 4 **134106** 100	WT 4 **134106** 100	WT 4 **134106** 100	WT 4 **134106** 100
	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000
WT 4	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000
Cover				
HP 4	ADP **048540** –	ADP **048540** –	ADP **048540** –	ADP **048540** –
	HP 4 **048586** 20	HP 4 **048586** 20	HP 4 **048586** 20	HP 4 **048586** 20
Marking tags **Print**				
 Consecutive horizontal	FW 6 **046866** –	FW 6 **046866** –	FW 6 **046866** –	FW 6 **046866** –
Consecutive vertical	FS 6 **046876** –	FS 6 **046876** –	FS 6 **046876** –	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	DLA 2.5/D	DLA 2.5/LD	DLA 2.5/LD/D	DLD 2.5/PE	KDKS 1/PE
					
6/65/49	6/65/49	6/65/49	6/65/49	6/74,5/49	8/91/65
7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	7 mm/M 2,5/3,5 x 0,6	9 mm/M 3/M 2.5***/3,5 x 0,6
250 V**/17,5 A/2,5 mm²	250 V**/17,5 A/2,5 mm²	5–30 V/17,5 A/2,5 mm²	5–30 V/17,5 A/2,5 mm²	250 V**/17,5 A/2,5 mm²	500 V/6,3 A/4 mm²
4 kV/3	4 kV/3	0,8 kV/3	0,8 kV/3	4 kV/3	6 kV/3
0,4…0,7	0,4…0,7	0,4…0,7	0,4…0,7	0,4…0,7	0,5…1/0,4…0,7***
1	1	1	1	1	2/1***
0,5…4	0,5…4	0,5…4	0,5…4	0,5…4	0,5…4
0,5…4	0,5…4	0,5…4	0,5…4	0,5…4	
0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5	0,5…4/2.5***
0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5	0,5…4/2.5***
A 3	A 3	A 3	A 3	A 3	A 4 / A 3***
20 A/2,5 mm²	20 A/2,5 mm²	20 A/2,5 mm²	20 A/2,5 mm²	20 A/2,5 mm²	
(Q 2…20) 20	(Q 2…20) 20	(Q 2…20) 20	(Q 2…20) 20	(Q 2…20) 20	
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	300 V/10 A/26…12 AWG	5–30 V/10 A/26…12 AWG	5–30 V/10 A/26…12 AWG	–	
Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
156597 100				**159595** 100	**952811** 50
	157840 100				cannot be combined with
		157843 100			DLI / DLA
		157844 100			
			(LED red) **157847** 100		
			(LED green) **157848** 100		
(w/o dekafix) **157838** 10			(LED red) **157849** 10		
(with dekafix) **157839** 10			(LED green) **157850** 10		
					5 x 20 without indicator
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
AP **131326** 20	AP **131326** 20	AP **131326** 20	AP **131326** 20	AP **159596** 20	AP **950333** 50
				AP (part-AP) **159597**	
TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	
StB 8.5* (ø 2,3) **021570** 50				StB 8.5* (ø 2,3) **021570** 50	
PS 2.3 **018040** 20				PS 2.3 **018040** 20	
Q 2 **131250** 50	Q 2 **131250** 50	Q 2 **131250** 50	Q 2 **131250** 50	Q 2 **131250** 50	QB 2 **046110** 50
Q 3 **131260** 50	Q 3 **131260** 50	Q 3 **131260** 50	Q 3 **131260** 50	Q 3 **131260** 50	QB 3 **046120** 50
Q 4 **131270** 50	Q 4 **131270** 50	Q 4 **131270** 50	Q 4 **131270** 50	Q 4 **131270** 50	QB 4 **046130** 50
Q 10 **131310** 20	Q 10 **131310** 20	Q 10 **131310** 20	Q 10 **131310** 20	Q 10 **131310** 20	
Q 20 **139980** 20	Q 20 **139980** 20	Q 20 **139980** 20	Q 20 **139980** 20	Q 20 **139980** 20	
QL 2 **029720** 100	QL 2 **029720** 100	QL 2 **029720** 100	QL 2 **029720** 100	QL 2 **029720** 100	
VH 3.8 **134580** 100	VH 3.8 **134580** 100	VH 3.8 **134580** 100	VH 3.8 **134580** 100	VH 3.8 **134580** 100	
WT 4 **134106** 100	WT 4 **134106** 100	WT 4 **134106** 100	WT 4 **134106** 100	WT 4 **134106** 100	
SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	SF 10 **033240** 1000	
SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	SG 10 **033250** 1000	
ADP **048540** –	ADP **048540** –	ADP **048540** –	ADP **048540** –	ADP **048540** –	
HP 4 **048586** 20	HP 4 **048586** 20	HP 4 **048586** 20	HP 4 **048586** 20	HP 4 **048586** 20	
FW 6 **046866** –	FW 6 **046866** –	FW 6 **046866** –	FW 6 **046866** –	FW 6 **046866** –	FW 8 **127696** –
FS 6 **046876** –	FS 6 **046876** –	FS 6 **046876** –	FS 6 **046876** –	FS 6 **046876** –	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

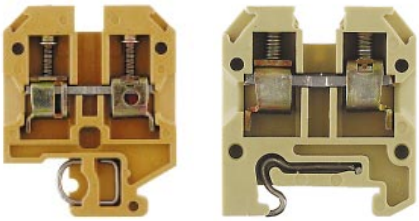
Feed-through terminals for initiators and motors

		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 mm²			250 V/17,5 A/1,5 mm²			400 V (L-L)/250 V (L-PE) /24 A/2,5 mm²		
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	mm²	0,5…4,0			0,5…4,0			0,5…4,0		
stranded H07V-R	mm²	0,5…4,0			0,5…4,0			0,5…4,0		
flexible H07V-K	mm²	0,5…2,5			0,5…2,5			1,5…2,5		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5			0,5…2,5			0,5…2,5		
flexible H07V-K and AEH with plastic collar	mm²	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 mm²			24 A/2,5 mm²			24 A/2,5 mm²		
Continuous current rating of cross-connection, multipole	A	24			24			24		
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		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	PA		**163325**	50		**163331**	50		**161527**	50
									163165	50
End plate / partition		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
End plate		AP VLI1.5	**163326**	20	AP VLI1.5/PE	**163332**	20	AP MAK2.5	**161528**	20
Partial end plate for VLI 1.5 – MAK 2.5 combination		TEAP 2 MAK2.5	**163333**	20				TEAP 2 MAK2.5	**163333**	20
Partial end plate for VLI 1.5 – VLI 1.5 PE combination		TEAP VLI1.5	**163327**	20	TEAP VLI1.5	**163327**	20			
Partial end plate for VLI 1.5 PE – MAK 2.5 combination					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 SW*	**052000**	20
QB 25-pole, external cross-connection								QB 25 RT*	**052006**	20
								QB 25 BL*	**052008**	20
Group marking										
		T 5	**034850**	100	T 5	**034850**	100	T 5	**034850**	100
Tag carrier		SF 10	**033240**	1000	SF 10	**033240**	1000	SF 10	**033240**	1000
for S 10 tags		SG 10	**033250**	1000	SG 10	**033250**	1000	SG 10	**033250**	1000
Marking tags	**Print**									
1 2 3 4 5 6	Consecutive horizontal	FW 5	**047346**	–	FW 5	**047346**	–	FW 5	**047346**	–
	Consecutive vertical	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.

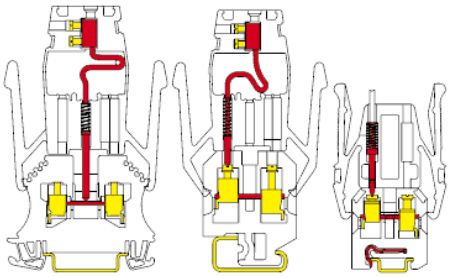
Weidmüller distinguishes between the following cross-connection units:
- type Q pre-assembled cross-connections
- type QL permanent cross-connections
- type VL removeable cross-connection straps
- type QS removeable cross-connection plugs

Sockets
In place of cross-connections, sockets can be attached to accept test or short-circuit plugs.

Test plugs
2.3 or 4 mm ø 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

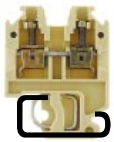


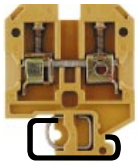
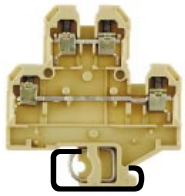
Safe testing of wired terminal blocks is a basic requirement for fault-free functional sequences. The WTA..., STA..., ATA... test adapter systems for individual terminal block ranges are not only characterised by their quick and easy handling, but also offer other advantages:
- conductor decoupling between 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 croos-connections are fitted
- the modular concept enables the construction of individual test units
- single-pole test adpaters 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 mm²	800 V/24 A/2,5 mm²	800 V/32 A/4 mm²	500 V/2 x 32 A/4 mm²
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 mm²	0,5…4	0,5…6	0,5…6	0,5…4
stranded H07V-R mm²	0,5…4	0,5…2,5	0,5…4	1,5…4
flexible H07V-K mm²	0,5…4	0,5…4	0,5…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²	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 mm²	32 A/4 mm²	41 A/6 mm²	32 A/4 mm²
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	SAKD 2.5 N ⊏⊐	Cat. No.	Qty.	SAK 2.5 ⊏⊐	Cat. No.	Qty.	SAK 4 ⊏⊐	Cat. No.	Qty.	DK 4 Q* ⊏⊐	Cat. No.	Qty.
KrG					**027962**	100		**012832**	100			
Blue KrG					**027967**	100		**012837**	100			
KrS					**027963**	100		**012833**	100			
PA		**021556**	100	**026966**[1)3)]	**027966**[1)2)]	100	**171624**[1)3)]	**012836**[1)2)]	100		**059006***[1)]	100
Blue PA		**021558**	100	**026968**[1)3)]	**027968**[1)2)]	100	**171625**[1)3)]	**012838**[1)2)]	100		**059008***[1)]	100
Orange PA				**026964**[1)3)]	**132636**[1)2)]	100		**010506**[1)2)]	100			
Terminal block with Bez. PA		**040106**	10		**032256**[1)]	10		**032266**[1)]	10		**132386***[1)]	10
Terminal block without Bez. PA		**040116**	10		**032286**[1)]	10		**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)												
TW / WTW 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 1	**031916**	100	TSch 1	**031916**	100			
TSch 6	TSch 3	**036686**	100							TSch 6	**019026**	100
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
Q 4 / QB 4 3-pole										QB 3	**048280****	50
4-pole										QB 4	**048290****	50
Switchable cross-connection link												
VL 2							VL 2	**019700**	100	VL 2	**044670**	50
VH							VH	**028510**	50	VH	**105650**	100
BS							BS	**029250**	100	BS	**034310**	100
Marking tags Print												
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)

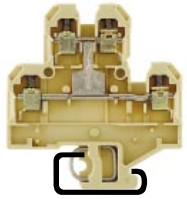
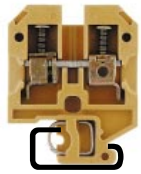
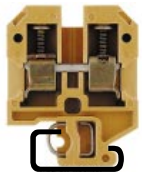
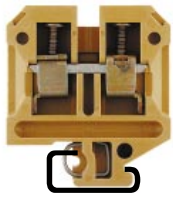
[2)] Not suitable for SST 3 safety pin

[3)] Suitable for SST 3 safety pin

[4)] Cat. No. **027966** und **027968**

Feed-thorugh 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 ⊏⊐	6/54/60	8/40/51,5	10/40/51,5	12/50/57.5
Insulation stripping length/clamping screw/screwdriver blade		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 mm²	800 V/41 A/6 mm²	800 V/57 A/10 mm²	1000 V/76 A/16 mm²
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	mm²	0,5…4	0,5…10	1,5…10	2.5…10
stranded H07V-R	mm²	1,5…4	0,5…6	2,5…16	4…16
flexible H07V-K	mm²	0.5…4	0,5…10	1,5…16	4…16
flexible H07V-K and AEH DIN 46 228/1	mm²	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 mm²		76 A/16 mm²	
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.	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.
	KrG					**019322**	100		**011002**[2]	100		**027102**	50
	Blue KrG								**011007**	100			
	KrS					**019323**	100		**011003**	100		**027103**	50
	PA		**059026**[+1]	100		**019326**[1]	100		**011006**[1]	100		**027106**[1]	50
	Blue PA		**059028**[+1]	100		**019328**[1]	100		**011008**[1]	100		**027108**[1]	50
	Orange PA												
	Terminal block with Bez.					**032276**[1]	10		**035326**[1]	10			
	Terminal block without Bez.					**030896**[1]	10		**035316**[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)	**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)													
TW / WTW	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
	Small partition TSch 6	TSch 6	**019026**	100	TSch 1	**031916**	100	TSch 1	**031916**	100	TSch 1	**031916**	100
Cross-connection													
Q 4 / QB 4	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 x18	**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 / BS / VH		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**												
1 2 3 4 5 6	Consecutive horizontal	FW 6	**046866**	–	FW 8	**127696**	–	FW 5	**047346**	–	FW 5	**047346**	-
	Consecutive vertical	FW 6	**046876**	–	FS 8	**128966**	–	FS 5	**047356**	–	FS 5	**047356**	-

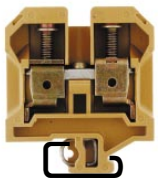
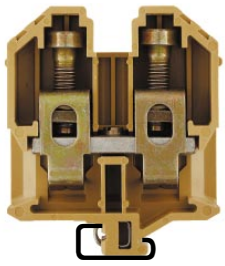
For further accessories see section 3, further marking material see section 8

*) 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 mm²	800 V/125 A/35 mm²	1000 V/192 A/70 mm²	1000 V/232 A/95 mm²
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 mm²	2,5…16	6…10	16	10…16
stranded H07V-R mm²	2,5…50	16…50	16…70	10…120
flexible H07V-K mm²	2,5…35	10…35	16…70	10…95
flexible H07V-K and AEH DIN 46 228/1 mm²	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 mm²	138 A/35 mm²	213 A/70 mm²	258 A/120 mm²
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.	Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.
KrG	**055062** 20	**030352** 20		
Hexagon socket KrG	**055572** 20	**047652** 20	**034082** 10	**055052** 10
Hexagon socket blue KrG			**034087** 10	
KrS	**055063** 20	**030353** 20		
Hexagon socket KrS	**055573** 20		**034083** 10	
PA	**055066** 20	**030356** 20		
Hexagon socket PA	**055576** 20	**047656** 20		
Blue PA		**030358** 20		
Terminal block with 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)				
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				
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		
QL 3 / VH	VH 17 **026700** 50	VH 17 **026700** 50	VH 30.5 **034550** 20	VH 35 **055110** 10
BS	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				
VL 2		VL 2 **012400** 50		
BS		VH 24,5 **029870** 50		
VH		BS M 4x35 **029890** 50		
Cover / Test plug				
	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	PS 4 **029960** 20	PS 4 **029960** 20	PS 4 **029960** 20	PS 4 **029960** 20
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

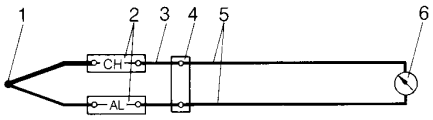
*** For hexagon socket

Feed-through terminals for thermocouples

Busbars made from thermocouple material according to DIN IEC 584

Weidmüllers **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

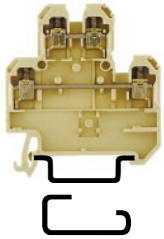


1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference point
5 Supply conductors (to and from)
6 Measuring device

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; SAK 2.5 NiCr for the positive and SAK 2.5 Ni for the negative voltage branches.

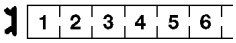
II. Symbols Thermocouples according to IEC 584 DIN 43710

	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	6/36,5/49,5	6/54/59,5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6	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	SAK 2.5 TC Cat. No.	Qty.	DK 4 TC Cat. No.	Qty.
	NiCr		**010726**	100		
	Ni		**010716**	100		
	CuNi		**018986**	100		
	Fe		**019006**	100		
	Cu		**018996**	100		
	NiCr/Ni	K			**133826**	100
	Cu/CuNi	T			**133816**	100
	Fe/CuNi	J			**133806**	100

End plate (thickness mm)		SAK 2.5 TC Type	Cat. No.	Qty.	DK 4 TC Type	Cat. No.	Qty.
	KrG						
	Blue KrG						
	KrS						
	PA	AP (1,5)	**027956**	20	AP (1,5)	**063136**	20
	Blue PA						
	Orange PA						
Partition (thickness mm)							
	KrG						
	Blue KrG						
	KrS						
	PA	TW (1,5)	**030286**	20			
	WEM				WTW (Ex)e	**105880**	20
	for TS 32 HP				TW HP (2,0)	**060700**	20

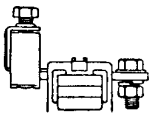
Marking material							
	Consecutive horizontal	FW 6	**046866**	–	FW 6	**046866**	–
	Consecutive vertical	FS 6	**046876**	–	FS 6	**046876**	–

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

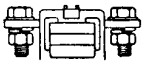
The Weidmüller SAKG range offers the following connection variants:

- 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.

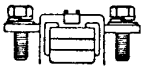
Versions



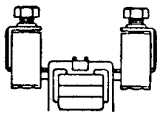
Version I



Version II
without thread



Version II
with thread

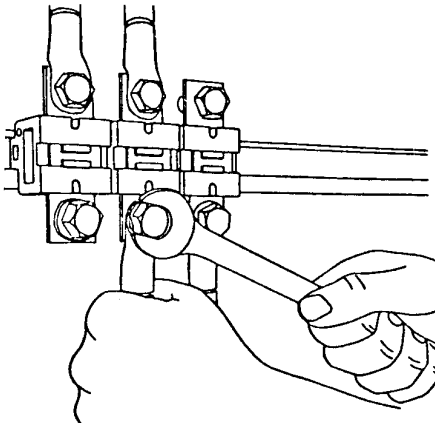


Version III

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

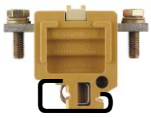
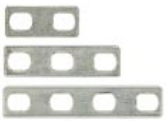
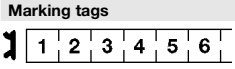
To ensure shock protection following connection of **conductors**, **AH** covers can be clipped onto the terminal.

		SAKG 28 I			SAKG 28 II		
Dimensions							
Width / length / height (mm)	with TS 32 ⊏⊐	28/70/63,5			28/70/53		
Insulation stripping length/clamping screw/screwdriver blade		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 mm²			1000 V*/125 A/35 mm²		
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	mm²	6…35					
stranded H07V-R	mm²	6…35					
flexible H07V-K	mm²	10…35					
flexible H07V-K and AEH DIN 46 228/1	mm²	6…35					
Plug gauge according to 947-1	Size	B 9					
Continuous current of terminal block for conductor size		135 A/50 mm²					
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.	⊏⊐	Cat. No.	Qty.
	KrG		**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
	Tropic-proof	EP 1 (2)	**020520**	10	EP 1 (2)	**020520**	10
Partition, Hard paper (thickness mm)							
		TW 1 (2)	**015140**	10	TW 1 (2)	**015140**	10
	Tropic-proof	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
Marking tags	**Print**						
1 2 3 4 5 6	Consecutive horizontal	FW 5	**047346**	–	FW 5	**047346**	–
	Consecutive vertical	FS 5	**047356**	–	FS 5	**047356**	–

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

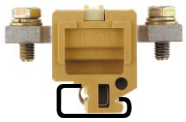
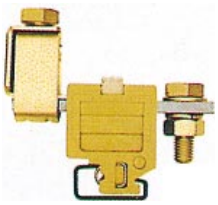
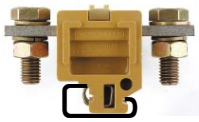
* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary
See Page 1/9 for a table of clearance and creepage distances.

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 mm²	1000 V*/125 A/35 mm²	1000 V*/150 A/50 mm²	1000 V*/150 A/50 mm²
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 mm²		6…35	10…70	
stranded H07V-R mm²		6…35	10…70	
flexible H07V-K mm²		10…35	10…70	
flexible H07V-K and AEH DIN 46 228/1 mm²		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 mm²	168 A/70 mm²
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/95 A/2 AWG	600 V/165 A/3 AWG	600 V/200 A/3 AWG
Voltage / current / conductor size CSA	600 V/110 A/6…1 AWG	600 V/135 A/8…2 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)	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
Tropic-proof	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)				
	TW 1 (2) **015140** 10	TW 1 (2) **015140** 10	TW 2 (2) **017710** 10	TW 1 (2) **015140** 10
Tropic-proof	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
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** –

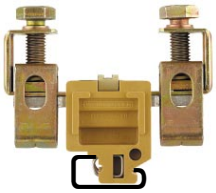
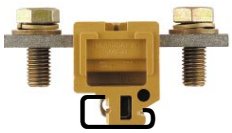
For further accessories see section 3, further marking material see section 8

* 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 32 II G	SAKG 32 III	SAKG 70 II G	SAKG 40 I	SAKG 40 II	SAKG 40 II G
					
32/80/53	32/94/84	32/84/54	40/95/84	40/90/53	40/90/55
–/M 8/–	26 mm/M 8/–	–/M 8/–	27 mm/M 10/–	–/M 10/–	–/M 10/–
1000 V*/150 A/50 mm²	1000 V*/150 A/50 mm²	1000 V*/192 A/70 mm²	1000 V*/232 A/95 mm²	1000 V*/232 A/95 mm²	1000 V*/232 A/95 mm²
8 kV/3	8 kV/3	8 kV/3	8 kV/3	8 kV/3	8 kV/3
6…12	6…12	6…12		10…20	10…20
	10…70		10…95		
	10…70		10…35		
	10…70		10…95		
	10…35		10…35		
	B 11		B 12		
168 A/70 mm²	192 A/70 mm²	220 A/70 mm²	250 A/95 mm²	250 A/95 mm²	250 A/95 mm²
		(QL 2) 170	(QL 2) 250	(QL 2) 250	(QL 2) 250
	600 V/165 A/3 AWG	–	600 V/195 A/4/0 AWG	600 V/230 A/4/0 AWG	600 V/230 A/4/0 AWG
600 V/170 A/1…2/0 AWG	600 V/185 A/1…2/0 AWG	600 V/200 A/2/0…4/0 AWG	600 V/250 A/2/0…4/0AWG	600 V/250 A/2/0…4/0 AWG	600 V/250 A/2/0…4/0 AWG
Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.
018512 / 10	**028672** / 10	**015042** / 10	**028682** / 10	**017052** / 10	**018522** / 10
Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
EP 1 (2) / **020510** / 10	EP 2 (2) / **020530** / 10	EP 1 (2) / **020510** / 10	EP 2 (2) / **020530** / 10	EP 2 (2) / **020530** / 10	EP 2 (2) / **020530** / 10
EP 1 (2) / **020520** / 10	EP 2 (2) / **020540** / 10	EP 1 (2) / **020520** / 10	EP 2 (2) / **020540** / 10	EP 2 (2) / **020540** / 10	EP 2 (2) / **020540** / 10
TW 1 (2) / **015140** / 10	TW 2 (2) / **017710** / 10	TW 1 (2) / **015140** / 10	TW 2 (2) / **017710** / 10	TW 2 (2) / **017710** / 10	TW 2 (2) / **017710** / 10
TW 1 / **016460** / 10	TW 2 / **017990** / 10	TW 1 (2) / **016460** / 10	TW 2 (2) / **017990** / 10	TW 2 (2) / **017990** / 10	TW 2 (2) / **017990** / 10
QL 2 / **019400** / 5		QL 2 / **019400** / 10	QL 2 / **019410** / 10	QL 2 / **019410** / 10	QL 2 / **019410** / 10
QL 3 / **044150** / 5		QL 3 / **044150** / 10	QL 3 / **026350** / 10	QL 3 / **026350** / 10	QL 3 / **026350** / 10
QL 4 / **044160** / 5		QL 4 / **044160** / 10	QL 4 / **040980** / 10	QL 4 / **040980** / 10	QL 4 / **040980** / 10
AH 32 / **032676** / 5	AH 32 / **032676** / 5	AH 32/AH 70 / **032676** / 5	AH 40 / **032686** / 5	AH 40 / **032686** / 5	AH 40 / **032686** / 5
FW 5 / **047346** / –	FW 5 / **047346** / –	FW 5 / **047346** / –	FW 5 / **047346** / –	FW 5 / **047346** / –	FW 5 / **047346** / –
FS 5 / **047356** / –	FS 5 / **047356** / –	FS 5 / **047356** / –	FS 5 / **047356** / –	FS 5 / **047356** / –	FS 5 / **047356** / –

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.
See Page 1/19 for a table of clearance and creepage distances.

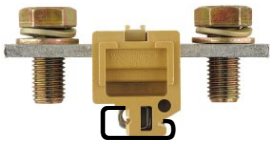
Feed-through terminals

	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.	⊏⊐ Cat. No. Qty.
KrG	**028692** 10	**017062** 10	**018532** 10	**017072** 10
Two clamping yokes KrG				
End plate, Hard paper (thickness mm)	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
Tropic-proof	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)				
	TW 2 (2) **017710** 10	TW 2 (2) **017710** 10	TW 2 (2) **017710** 10	TW 2 (2) **017710** 10
Tropic-proof	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	
Marking tags **Print**				
1 2 3 4 5 6 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



54/122/60
–/M 16/–

1000 V*/415 A/240 mm^2
8 kV/3

25…60

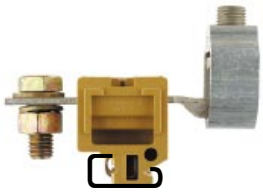
600 A/240 mm^2
(QL 2) 600

600 V/380 A/500 MCM
600 V/600 A/300…500 MCM

	Cat. No.	Qty.
	018542	10

Type	Cat. No.	Qty.
EP 2 (2)	**020530**	10
EP 2 (2)	**020540**	10
TW 2 (2)	**017710**	10
TW 2 (2)	**017990**	10
QL 2	**026440**	5
QL 3	**040800**	5
QL 4	**024740**	5
FW 5	**047346**	–
FS 5	**047356**	–

SAKG 46/I AL



46/112/74
23 mm/M 12/M 14/–

1000 V*/309 A/150 mm^2
8 kV/3

14…31/25…40

50…240
35…185

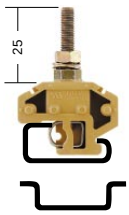
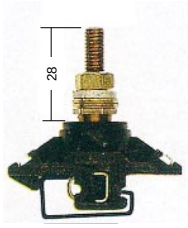
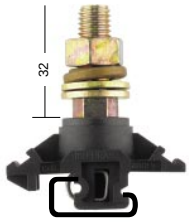
–
–

	Cat. No.	Qty.
	128792**	5
	128802***	5

Type	Cat. No.	Qty.
EP 2 (2)	**020530**	10
EP 2 (2)	**020540**	10
TW 2 (2)	**017710**	10
TW 2 (2)	**017990**	10
QL 2	**019400**	5
QL 3	**044150**	5
QL 4	**044160**	5
AH 46	**032696**	5
FW 5	**047346**	–
FS 5	**047356**	–

** Suitable for connection of 1 aluminium conductor of max. 185 mm^2
*** Suitable for connection of 2 aluminium conductors of max. 185 mm^2

Stud terminals

	SS 6	SS 8	SS 10	SS 12
				
Dimensions				
Width / length / height (mm) with TS 32	18/40/62	36/60/68	36/60/68	36/60/72
Width / length / height (mm) with TS 35 x 7,5	18/49,5/54,5	36,5/60/68	36,5/60/68	36,5/60/72
Insulation stripping length/clamping screw/screwdriver blade	–/M 6/–	–/M 8/–	–/M 10/–	–/M 12/–
Rated data				
Rated voltage / current / cross-section*	400 V[1])/76 A/16 mm²	1000 V[1])/125 A/35 mm²	1000V[1])/192 A/70 mm²	1000 V[1])/232 A/95 mm²
Rated impulse voltage / pollution severity	6 kV/3			
Further technical data				
Tightening torque range Nm	3…6	6…12	10…20	14…31
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	82 A/16 mm²	135 A/35 mm²	207A/70 mm²	250 A/95 mm²
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/85 A/12…4 AWG			
Voltage / current / conductor size CSA	600 V/65 A/6 AWG			
Ordering data Version	Qty. / Qty.	Qty. / Qty.	Qty. / Qty.	Qty. / Qty.
KrG	**049822** 10 **064982** 10			
PA GF		**049810** 10 **133190** 10	**048490** 10 **133200** 10	**049830** 10 **133210** 10
PA				
PPO				
KrG				
for TS 35 x 7.5 PA				
for TS 35 x 15/ 2.3 PA				
End plate, Hard paper (thickness mm)	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
PA		AP/TW (2) **133320** 10	AP/TW (2) **133320** 10	AP/TW (2) **133320** 10
PPO				
Partition, Hard paper (thickness mm)				
KrG	TW HGW (2) **060710** 20	TW (2) **045586** 10	TW (2) **045586** 10	TW (2) **045586** 10
PA		TW (2) **133320** 10	TW (2) **133320** 10	TW (2) **133320** 10
PPO				
Cross-connection				
2-pole	QL 2 **028430** 5	QL 2 **134620** 5	QL 2 **134620** 5	QL 2 **134600** 5
3-pole	QL 3 **027300** 5	QL 3 **157885** 5	QL 3 **157885** 5	
4-pole	QL 4 on request			
Cover				
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** –

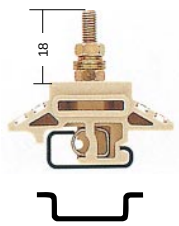
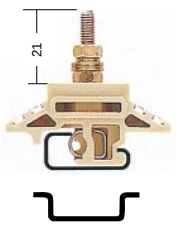
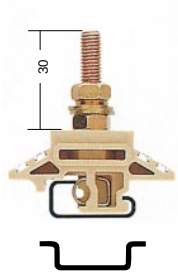
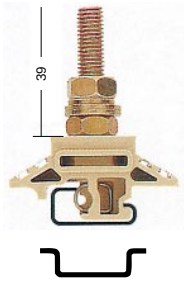
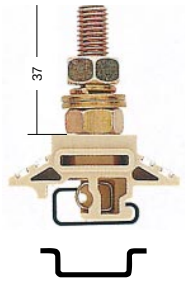
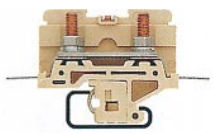
TW HGW

TW

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

* Dependent on cable lug

[1]) with partition

KST 5	KST 6	KST 8	KST 10	KST 12	ST 5 without solder connection	STSL 5 with solder connection[3])
						
24/60/59,5	24/60/59,5	24/60/69,5	34/60/79,5	34/60/79,5	16,3/52[2])/45,5	
24/62,5/54	24/62,5/54	24/62,5/54	34/62,5/74	34/62,5/74		
–/M 5/–	–/M 6/–	–/M 8/–	–/M 10/–	–/M 12/–	–/M 5/–	
1000 V[1])/57 A/10 mm²	1000 V[1])/76 A/16 mm²	1000 V[1])/125 A/35 mm²	1000 V[1])/192 A/70 mm²	1000 V[1])/232 A/95 mm²	750 V/76 A/16 mm	
8 kV/3	8 kV/3	8 kV/3	8 kV/3	8 kV/3	8 kV/3	
2…4	3…6	6…12	10…20	14…31	2…4	
65 A/10 mm²	82 A/16 mm²	135 A/35 mm²	207 A/70 mm²	250 A/95 mm²	85 A/16 mm²	
	200	200	200	200		
600 V/50 A/12…6 AWG	600 V/65 A/12…6 AWG	600 V/115 A/12…2 AWG	600 V/175 A/12…2/0	600 V/200 A/12…3/0	600 V/65 A/12…10 AWG	
–	–	–	–	–	–	
Qty. Qty.	Qty. Qty.	Qty. Qty.	Qty. Qty.	Qty. Qty.	Qty. Qty.	
					ST 5 **STSL 5**	
950337 25	**950131** 25	**950132** 25	**950133** 20	**950134** 20	**044836** 1 **046286** 1	
					044834 1 **046284** 1	
950823 25	**950694** 25	**950695** 25	**950696** 20	**950697** 20		
952830 25	**952831** 25	**952832** 25	**952833** 20	**952834** 20		
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	
					AP (1,5) **044724** 1	
TW/KST (2) **950139** 10	TW/KST (2) **950139** 10	TW KST (2) **950139** 10	TW KST (2) **950139** 10	TW KST (2) **950139** 10		
					TW (1,5) **047766** 1	
					TW (1,5) **047764** 1	
QL 2 **950339** 1	QL 2 **950135** 5	QL 2 **950136** 1	QL 2 **950137** 1	QL 2 **950138** 1	QL 2 **383430** 1	
					044770 1	
FW 5 **047346** –	FW 5 **047346** –	FW 5 **047346** –	FW 5 **047346** –	FW 5 **047346** –	FW 6 **046866** –	
FS 5 **047356** –	FS 5 **047356** –	FS 5 **047356** –	FS 5 **047356** –	FS 5 **047356** –	FS 6 **046876** –	

[1]) with partition

[2]) Width with soldering tag 76.5 mm

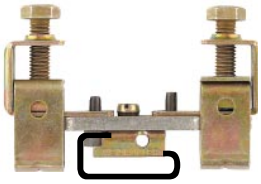
[3]) Soldering connection 2.5 mm² (illustrated)

PE terminals

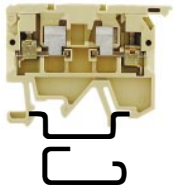
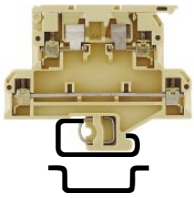
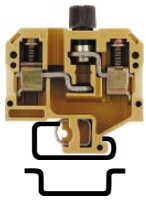
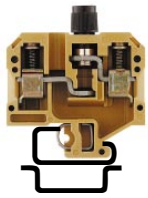
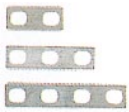
	EK 2.5 N	EK 4	EK 10	EK 16
Dimensions				
Width / length / height (mm) with TS 32	6/36.5/49.5	8/40/51.5	10/40/51.5	12/50/57.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2,5/3,5 x 0,6	12 mm/M 3/3,5 x 0,6	12 mm/M 6/5,5 x 1,0	16 mm/M 4/5,5 x 1,0
Rated data IEC 947-7-2				
Rated voltage/current for PEN/cross-section	–/–/2.5 mm²	–/–/4 mm²	–/–/10 mm²	–/–/16 mm²
Rated voltage/impulse voltage VDE 0110/1.89/pollution severity				
Further technical data				
Tightening torque range Nm	0,4…0,8/0,5…1,0*	0,5…1,0/0,5…1,0*	1,2…2,0/0,5…1,0*	1,2…2,4/0,8…1,0*
Torque setting with DMS 2 electric screwdriver	1/2	2/2	4/2	4/3
Clampable conductor				
solid H07V-U mm²	0.5…4	0.5…6	0.5…10	2.5…16
stranded H07V-R mm²	0,5…1,5	0,5…4	1,5…6	2,5…16
flexible H07V-K mm²	0.5…4	0.5…4	0.5…10	2.5…16
flexible H07V-K and AEH DIN 46 228/1 mm²	0.5…2.5	0.5…4	0.5…10	4…16
Cable AWG Nr.	22…14	22…10	20….8	12…6
Plug gauge according to 947-1 Size	A 3	A 4	B 6	B 6
Ordering data Version	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
Green/yellow PA	**047436** 100	**035456** 100	**035466** 80	**037466** 50
Blank				
Two clamping yokes blank				
Hexagon socket blank				
Support block	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10	SH 2 **049492** 10
For insulation of mounting rails in insulated-earth installations				
Marking material				
1 2 3 4 5 6 Consecutive horizontal	FW 6 **046866** –	FW 6.5 **046816** –	FW 5 **047346** –	FW 5 **047346** –
Consecutive vertical	FS 6 **046876**	FS 6.5 **046826**	FS 5 **047356** –	FS 5 **047356** –

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

* For centre screw

EK 35	EK 2	SAKE 35	SAKE 70
			
18/58/67.5	10/52/38	14/46/39	18/94/59,5
20 mm/M 6/6,5 x 1,2	14 mm/M 5/–	16 mm/M 6/–	25 mm/M 8/–
–/–/35 mm²	–/–/10	–/–/35 mm²	–/–/70 mm²
2,5…5,0/1,2…1,6*	1,2…2,4/2,0…4,0*	2,5…5,0/2,0…4,0*	6,0…12/2,0…4,0*
–/3			
6…16	1,5…10	6…35	10…70**
16…50	1,5…10	6…35	10…70
10…35	1,5…10	6…16	10…70
10…35	1,5…10	10…35	10…70
10…2	16…8	8…2	6…0
B 9	B 6	B 8	B 10
Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
035476 20	**032310** 20		
		014440 20	**021320** 20
		one clamping yoke	
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
SH 2 **049492** 10		SH 2 **049492** 10	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	8/58/45.5	8/73,5/59,8	13/54/61	13/54/61
Width / length / height (mm) with TS 35 x 7,5	8/58/44	8/73,5/55,7	13/54/54	13/54/54
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	12 mm/M 4/5,5 x 1,0	12 mm/M 4/5,5 x 1,0
Rated data / feed-through-terminal base				
Rated voltage / current / cross-section	500 V AC/6.3 A/4 mm^2	500 V~/6,3 A/4 mm^2	500 V~/10 A/10 mm^2	500 V~/10 A/10 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	1,2…2,4	1,2…2,4
Torque setting with DMS 2 electric screwdriver	2	2	4	4
Clampable conductor				
solid H07V-U mm^2	0.5…4	0,5…4	0,5…16	0,5…16
stranded H07V-R mm^2	1,5…4		1,5…10	1,5…10
flexible H07V-K mm^2	0.5…4	0,5…4	0,5…10	0,5…10
flexible H07V-K and AEH DIN 46 228/1 mm^2	0.5…4	0,5…4	0,5…10	0,5…10
Plug gauge according to 947-1 Size	A 4	A 4	B 6	B 6
Continuous current rating of cross-connection 2…5-pole A	(QB 2…4) 10	(QB 2…4) 10	(QL 2…5) 47	(QL 2…5) 47
Continuous current rating of cross-connection 6…10-pole A			(QL 6…10) 36	(QL 6…10) 36
UL / CSA rated data				
Voltage / current / conductor size UL	300 V/6.3 A/12 max. AWG	300 V/15 A/12 max. AWG	300 V/6 A/22…10 AWG	300 V/6 A/22…10 AWG
Voltage / current / conductor size CSA	300 V/6.3 A/26…12 AWG		600 V/10 A/26…10 AWG	600 V/10 A/26…10 AW
Ordering data Version	+ Best.-Nr Qty.	Qty. Qty.	Qty. Qty.	Qty. Qty.
	Wemid-beige		Wemid-beige **050160** 20	Wemid-beige **050150** 20
	047456 100	**950330** 50 **950331** 50	**019122** 20 **050162** 20	**019112** 20 **050152** 20
Cross-connections				
			QL 2 **019140** QL 3 **019150** QL 4 **019160** QL 10 **033880**	
Fixing screw for Cross-connections			BS (M 3x6) **034620**	
End plate / partition (thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	AP (1.5) **038036** 20	AP 1 KDKS **950333** 25 for TW (2,0) **060700** 20	AP (2,5) **019132** 20 Wemid-beige **019130** for TW (2,0) **060700** 20	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				0,25 (m) **054690** 10
Rated voltage 250 V~ 0.20 fast	**043040** 10	**043040** 10	**043040** 10	0,5 (m) **051030** 10
Switching capacity 1500 A 0.25 fast	**043050** 10	**043050** 10	**043050** 10	0,8 (m) **064640** 10
(at 250 V, 50 Hz, cos = 0.7) 0.50 fast	**043060** 10	**043060** 10	**043060** 10	1 (m) **026580** 10
1.0 fast	**043070** 10	**043070** 10	**043070** 10	10 (m) **019310** 10
1.6 fast	**043080** 10	**043080** 10	**043080** 10	2 (f) **019270** 10
2.0 fast	**043090** 10	**043090** 10	**043090** 10	4 (f) **019280** 10
2.5 fast	**043100** 10	**043100** 10	**043100** 10	6,3 (f) **019290** 10
Screw cap/disconnect lever (spare)			More fuse cartridges see Page 2/93	
	TH **037706** 100	TH **037706** 100	SK (5 x 20) **028210** 20	SK (5 x 25) **028200** 20
Red pull lever	SIHA **159302** 100	SIHA **159302** 100		
Marking tags **Print**				
1 2 3 4 5 6 Consecutive horizontal	FW 8 **127696** –	FW 8 **127696** –	FW 5 **047346** –	FW 5 **047346** –
Consecutive vertical	FS 8 **128966** –	FS 8 **128966** –	FS 5 **047356** –	FS 5 **047356** –

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

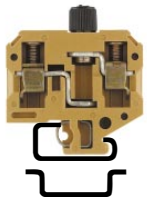
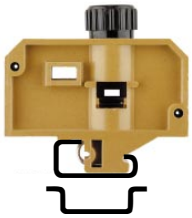
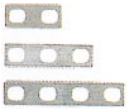
Fuse terminals

	KSKM 1	KSKM 2	KSKM 3
Dimensions			
Width / length / height (mm) with TS 32	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 data / feed-through-terminal base			
Rated voltage / current / cross-section	250 V~/6,3 A[1]/10 mm²	250 V~/13 A[2]/10 mm²	440 V~/10 A/10 mm²
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	0,5…16	0,5…16	0,5…16
stranded H07V-R mm²			
flexible H07V-K mm²	0,5…10	0,5…10	0,5…10
flexible H07V-K and AEH DIN 46 228/1 mm²			
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			
UL / CSA rated data			
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			
Ordering data Version	Qty. VP	Qty. Qty.	Qty. Qty.
	950957 20 **950960** 20	**950958** 20 **950961** 20	**950959** 20 **950962** 20
	Wemid Wemid	Wemid Wemid	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): 0,2 fast	**043040** 10		11/4 x1/4"
Rated voltage 250 V~ 0,25 fast	**043050** 10		E 2 A **029450** 10
fast Switching capacity 1500 A 0,5 fast	**043060** 10		E 3 A **029570** 10
(at 250 V, 50 Hz, cos = 0.7) 0,63 fast	**043900** 10		E 5 A **029460** 10
1,0 fast	**043070** 10		E 7 A **029580** 10
1,6 fast	**043080** 10		E 10 A **029390** 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		
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**			
1 2 3 4 5 6 Consecutive horizontal	FW 5 **047346** –	FW 5 **047346** –	FW 5 **047346** –
Consecutive vertical	FS 5 **047356** –	FS 5 **047356** –	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	13/54/61	24/75/73	28/80/80,5
Width / length / height (mm) with TS 35 x 7,5	13/54/55	24/75/66	28/80/66
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5,5 x 1	14 mm/M 4/5,5 x 1	13 mm/M 4/5,5 x 1
Rated data terminal base			
Rated voltage / current / cross-section	500 V AC/10 A/10 mm²	400 V~**/16 A/10 mm²	400 V~/63 A***/16 mm²
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	1,2…2,4	1,2…2,4	1,2…2,4
Torque setting with DMS 2 electric screwdriver	4	4	4
Clampable conductor			
solid H07V-U mm²	0.5…16	0,5…16	1,5…16
stranded H07V-R mm²	1,5…10	1,5…10	1,5…16
flexible H07V-K mm²	0.5…10	0,5…10	1,5…16
flexible H07V-K and AEH DIN 46 228/1 mm²	0.5…10	0,5…10	1,5…16
Plug gauge according to 947-1 Size	B 6	B 6	B 7
Continuous current rating of cross-connection 2…5-pole A	(QL 2…5) 47	(QL 2…5) 47	(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) 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	600 V/30 A/22…8 AWG	600 V/63 A/14…6 AWG
Ordering data Version	Qty. Qty.	Qty. Qty.	Qty. Qty.
	024892[3] 20 **066752**[3] 20	**032132** 20 **050182** 20	**035942** 20 **050212** 20
	029752[4] 20 **032892**[4] 20		
Wemid colours		**050180** 20	**050210** 20
		Neozed D 01	Neozed D 02
End plate/partition (thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
PA	AP (2.5) **019132**	TW HP (2,0) **060700*** 20	TW HP (2,0) **060700*** 20
HP	for		
	TW (2.0) **060700**		
Cross-connections			
	QL 2 **019140**	QL 2 **032800** 20	QL 2 **020780** 20
	QL 3 **019150**	QL 3 **032810** 20	QL 3 **020790** 20
	QL 4 **019160**	QL 4 **032820** 20	QL 4 **020800** 20
	QL 10 **033880**	QL 10 **033900** 20	QL 10 **033890** 20
Fixing screws		SS M 4 **013640** 100	SS M 4 **013640** 100
for Cross-connections	BS (M 3x6) **034620**	BS M 4x9 **010330** 100	BS M 4x9 **010330** 100
Fuse inserts		Gauge piece	Gauge piece
1 1/4" x 1/4" Nominal current (A): 0.5 high-speed	E 0,5 A **053380**	P 14/2 **013800** 50	
according to DEF 63/size 0 1.0 high-speed	E 1 A **052550**	P 14/4 **013810** 50	
without indicator 2.0 high-speed	E 2 A **029450**	P 14/6 **032860** 50	
3.0 high-speed	E 3 A **029570**	P 14/10 **032870** 50	
5.0 high-speed	E 5 A **029460**		P 18/20 **036180** 50
7.0 high-speed	E 7 A **029580**		P 18/25 **036190** 50
10.0 high-speed	E 10 A **029390**		P 18/35 **036200** 50
G fuse inserts 5 x 30 mm 2.0 fast			P 18/50 **036210** 50
(500 V~/0.032…6.3 A). 4.0 fast			
Available from Wickmann-Werke GmbH, 5.0 fast			
Annastr. 113, 5810 Witten 6, Tel. 02302/6620 6.3 fast			
Brass insert			
D fuse inserts		Rated voltage 380 V	Rated voltage 380 V
		E 14/2 **013740** 10	E 18/20 **036130** 10
		E 14/4 **013750** 10	E 18/25 **036140** 10
		E 14/6 **032830** 10	E 18/35 **036150** 10
		E 14/10 **032840** 10	E 18/50 **036160** 10
		E 14/16 **032850** 10	E 18/63 **036170** 10
Screw cap (spare)			
	SK (5 x 30) **028200**	SK **033941** 20	SK **035931** 20
	SK (1¼ x 1/4") **042890**		
Marking tags **Print**			
1 2 3 4 5 6 Consecutive horizontal	FW 5 **047346**	FW 5 **047346**	FW 5 **047346**
vertical Printed	FS 5 **047356**	FS 5 **047356**	FS 5 **047356**

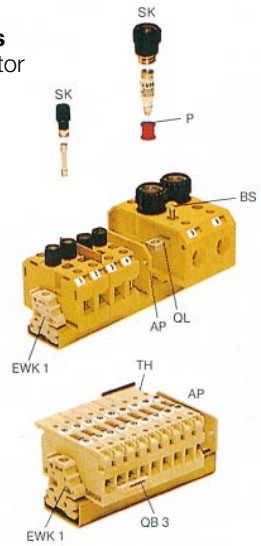
Gauge piece	Amp.	Colour
	2	rosa
	4	braun
	6	grün
	10	rot
	20	blue
	25	gelb
	35	schwarz
	50	weiß
	10	rot
	16	grey
	20	blue

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

[3]) For fuse inserts 1¼ x 1/4" DEF 63
[4]) For fuse inserts 5 x 30

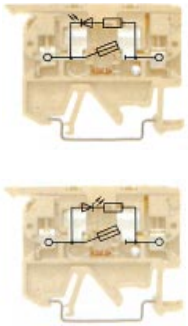
Fuse terminals
with fault indicator



SAKS 2
SAKS 2/35

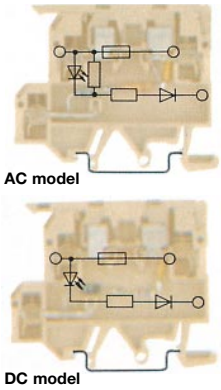
SAKS 4 USA
SAKS 4 Frankr.

ASK 1 LD
Fuse cartridge 5 x 20
only 805081



Warning:
In the event of a faulty fuse, the connection system is live.

KDKS 1
Fuse cartridge 5x20/5x25



Warning:
In the event of a faulty fuse, the connection system is live.

28/80/81,5				24/75/73							
28/80/75				24/75/66							
12 mm/M 4/5,5 x 1				14 mm/M 4/5,5 x 1							
500 V~/10 (25) A***/10 mm²				400 V~/30 A/10 mm²							
6 kV/3				6 kV/3							
1,2…2,4				1,2…2,4							
4				4							
0,5…16				0,5…16							
0,5…10				1,5…10							
0,5…10				0,5…10							
0,5…10				0,5…10							
B 6				B 6							
(QL 2…5) 47				(QL 2…5) 47							
(QL 6…10) 36				(QL 6…10) 36							
				600 V/30 A/20…8 AWG							
600 V/25 A/22…8 AWG				600 V/30 A/22…8 AWG							
	Qty.		Qty.		Qty.		Qty.				
				032142[1])	20	**050202**[1])	20				
				016222[2])	20	**017822**[2])	20				
020682	20	**136872**	20								
		136870	20								
Diazed E 16				10,3 x 38,1							
Type		Cat. No.	Qty.	Type		Cat. No.	Qty.				
TW HP (2,0)		**060700***	20	TW HP (2,0)		**060700***	20				
QL 2		**020780**	20	QL 2		**032800**	20				
QL 3		**020790**	20	QL 3		**032810**	20				
QL 4		**020800**	20	QL 4		**032820**	20				
QL 10		**033890**	20	QL 10		**033900**	20				
SS M 4		**013640**	100	SS M 4		**013640**	100				
BS M 4x9		**010330**	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		**034923**	20				
				SK (with spring)		**016173**	20				
FW 5		**047346**		FW 5		**047346**					
FS 5		**047356**		FS 5		**047356**					

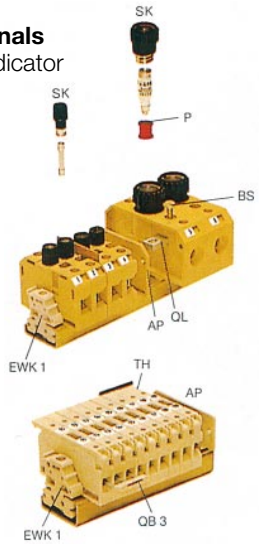
[1]) French version
[2]) USA version

Dimensions											
Terminal width (+ 0.2 assembly tolerance)	mm			8				8			
Insulation stripping length	mm			9				9			
Connection data											
Screw connection, solid				0,5…4 mm²				0,5…4 mm²			
Screw connection, flexible				0,5…4 mm²				0,5…4 mm²			
Conductor cross-section				AWG 22…12				AWG 22…12			
VDE rated data											
Current				6,3 A				6,3 A			
Voltage								24…230 V (depending on terminal)			
LED current (24…60 V)				≤ 2 mA							
LED current (115…230 V)				≤ 2 mA							
LED current (24…230 V)								≤ 2 mA			
Incandescent lamp current				–				–			
Neon lamp current				–				–			
Cross-section				4 mm²				4 mm²			
Ordering data				Type		Cat. No.	Qty.	Type		Cat. No.	Qty.
	24 V–			ASK 1 LD		**805081**	25				
	24 V–			ASK 1 LD		**022276**	25	KDKS 1		**814645**	25
	48 V–			ASK 1 LD		**022526**	25	KDKS 1		**814895**	25
	60 V–			ASK 1 LD		**022646**	25				
	115 V–			ASK 1 LD		**022546**	25	KDKS 1		**814896**	25
	230 V–			ASK 1 LD		**022566**	25	KDKS 1		**814894**	25
	24 V~			ASK 1 LD		**022286**	25	KDKS 1		**814893**	25
	48 V~			ASK 1 LD		**022536**	25	KDKS 1		**814892**	25
	60 V~			ASK 1 LD		**022636**	25				
	115 V~			ASK 1 LD		**022556**	25	KDKS 1		**814284**	25
	230 V~			ASK 1 LD		**022576**	25	KDKS 1		**814891**	25
	12 V–/24 V~										
	20–30 V–/40–60 V~										
	40–60 V–/80–120 V~										
	115 V–/230 V~										
				Mountable on				Mountable on			
				TS 32 und TS 35				TS 32 und TS 35			
Accessories											
Mounting rail				TS 32		**012280**	–	TS 32		**012280**	–
				TS 35x7,5		**038340**	–	TS 35x7,5		**038340**	–
				TS 35x15		**049800**	–	TS 35x15		**049800**	–
End bracket (thickness mm)	for TS 32			EWK 1		**020616**	50				
	for TS 35			EW 35		**038356**	50	EW 35		**038356**	50
End plate (thickness mm)				AP PA (1,5)		**038036**	20	AP KDKS		**950334**	20
Cross-connection bridges											
Type QB				QB 2[1])		**046110**	100	QB 2[1])		**046110**	50
				QB 3[1])		**046120**	50	QB 3[1])		**046120**	50
	straight			QB 4[1])		**046130**	50	QB 4[1])		**046130**	50
	angled							QB 58[1])		**054540**	–
Fixing screw (fits QL)								QB 58[1])		**054530**	–
Disconnect lever (spare)				TH (spare)		**037706**	100				

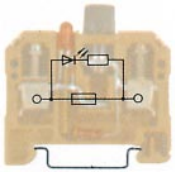
For further accessories see section 3, further marking material see section 8

[1]) When using QB, the rated cross-current reduces to max. 2.5 mm²

Fuse terminals
with fault indicator

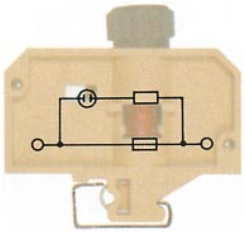


SAKS 1
Fuse cartridge 5 x 20/5 x 25



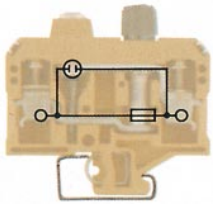
Warning:
In the event of a faulty fuse, the connected circuit is live!

SAKS 4
Fuse cartridge E14/D 01
(e.g. Neozed D 01)



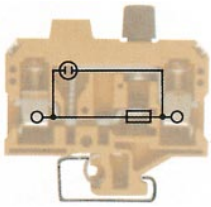
Warning:
In the event of a faulty fuse, the connected circuit is live!

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 5 x 20/5 x 25



Warning:
In the event of a faulty fuse, the connected circuit is live!

Dimensions												
Terminal width (+ 0.2 assembly tolerance)		mm	13			24			12			12
Insulation stripping length		mm	12			14			12			12
Connection data												
Screw connection, solid			0,5…16 mm²			0,5…16 mm²			0,5…16 mm²			0,5…16 mm²
Screw connection, flexible			0,5…10 mm²			0,5…10 mm²			0,5…10 mm²			0,5…10 mm²
Conductor cross-section			AWG 20…8			AWG 20…7			AWG 20…8			AWG 20…8
VDE rated data												
Voltage/Current			–/10 A			–/16 A			500 V~/10 A			500 V~/10 A
LED current (24…60 V)			≤ 5 mA			–			10 A			10 A
LED current (115…230 V)			–			–			≤ 1 mA			≤ 1 mA
Incandescent lamp current			≤ 50 mA			–						
Neon lamp current			≤ 0,5 mA			≤ 1 mA			≤ 1 mA			≤ 1 mA
Cross-section			10 mm²			10 mm²			10 mm²			10 mm²
Ordering data		Voltage	TS 32 Qty.	TS 35 Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Fuse cartridge			SAKS 1 LD		**SAKS 4**			**SAKS 6 KrG**	**053182**	40	**SAKS 7 KrG**		
5 x 20	LED	24 V–	**037142**	10 **022582** 10	TS 32 neon lamp			for 1¼" x ¼" to DEF 63			for 5 x 25	**057612**	40
		24 V~	**111122**	10 **111132** 10	Voltage						**SAKS 7 KrG**		
		48 V–	**012172**	10 **022602** 10	115 V≈	**010182**	10				for 5 x 20	**057312**	40
		48 V~	**021392**	10 **021402** 10	230 V≈	**010192**	10						
			SAKS 1 GL		380 V≈	**010202**	10	exchangeable neon lamps			for exchangeable neon lamps		
	Incandescent lamp	24 V≈	**037172**	10 **017322** 10	480 V≈	**010212**	10	(please order separately)			(please order separately)		
		48 V≈	**037892**	10 **017312** 10									
			SAKS 1 GL										
	Neon lamp	115 V≈	**038532**	10									
		230 V≈	**030612**	10 **019992** 10									
Fuse cartridge			SAKS 1 LD										
5 x 25	LED	24 V–	**040782**	10 on request									
			SAKS GL										
	Incandescent lamp	24 V≈	**038802**	10 on request									
		48 V≈	**038812**	10 on request									
			SAKS 1 GL										
	Neon lamp	115 V≈	**038522**	10 –									
		230 V≈	**030932**	10 **019862** 10									
Accessories			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail			TS 32	**012280**	–	TS 32	**012280**	–	TS 32	**012280**	–	TS 32	**012280**	–
			TS 35x7,5	**038340**	–									
			TS 35x15	**049800**	–									
End bracket (thickness mm)		for TS 32	EWK 1 (8,5)	**020616**	50	EWK 1 (8,5)	**020616**	50	EWK 1 (8,5)	**020616**	50	EWK 1 (8,5)	**020616**	50
		for TS 35	EW 35 (8,5)	**038356**	50									
End plate (thickness mm)			AP KrG (3)	019132	20				AP KrG	**014672**	20	AP KrG (3)	**014672**	20
Cross connection brackets						QL 2	**019140**	50	QL 2	**019140**	50	QL 2	**020780**	20
Type QL						QL 3	**019150**	50	QL 3	**019150**	50	QL 3	**020790**	20
Cross-connection bridges						QL 4	**019160**	20	QL 4	**019160**	20	QL 4	**020800**	20
Type QB						QL 10	**033880**	20	QL 10	**033880**	20	QL 10	**033890**	20
Fixing screw (matches QL)						BS M 3x6 m. SS	**034620**	100	BS M 3x6 m. SS	**034620**	100	BS M 4x9 m. SS	**013330**	100
Screw cap (spare)			SK (5 x 20)	**028210**	20									
			SK (5 x 25)	**028200**	100									
Incandescent lamp									Neon lamp 230 V~	**055030**	–	Neon lamp 230 V~	**055030**	–
									Neon lamp 115 V~	**055020**	–	Neon lamp 115 V~	**055020**	–

Fuse cartridges and gauge rings for Weidmüller fuse terminals

Fuse inserts

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	5 x 20		0,2	(F)	**043040**	10
SAKS 7	Breaking capacity 1500 A		0,25	(F)	**043050**	10
ASK 1	(at 250 V, 50 Hz, cos φ 0.7)		0,5	(F)	**043060**	10
WSI 6			0,63	(F)	**043900**	10
			1,0	(F)	**043070**	10
			1,6	(F)	**043080**	10
		250	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 41576[1])					
SAKS 1	5 x 25 m. K.[1])		0,25	(M)	**054690**	10
SAKS 7	Breaking capacity 80 A		0,5	(M)	**051030**	10
WSI 6	(at 250 V, 50 Hz, cos φ = 1)		0,8	(M)	**064640**	10
			1	(M)	**026580**	10
		250	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 ¼" to DEF 63/Size 0 **without** indicator					
	33 kA short circuit rating fast speed					
SAKS 3[2])	E 0,5 A		0,5		**053380**	10
SAKS 6	E 1 A		1		**052550**	10
	E 2 A	440	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)					
	E 10 A		10		**020850**	25
SAKS 2	E 16 A	500	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 (Neozed)[3])					
	E 14/2		2		**013740**	10
SAKS 4[4])	E 14/4		4		**013750**	10
	E 14/6	380	6		**032830**	10
	E 14/10		10		**032840**	10
	E 14/16		16		**032850**	10
	E 18/20		20		**036130**	10
SAKS 5	E 18/25		25		**036140**	10
	E 18/35	380	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	Gauge ring type	Amp.	Colour	Cat. No.	Qty.
SAKS 4 und 4/35	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
SAKS 5 und 5/35	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
SAKS 2 und 2/35	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
Dimensions		
Width / length / height (mm) with TS 32 ⊏⊐	20/72/34,5	20/72/51,5
Technical data		
	Tube 6 x 1 mm	Tube 6 x 1 mm
	(internal 4 mm)	(internal 4 mm)
Permissible pressure	10 at = 9.81 bar	10 at = 9.81 bar

Ordering data Version	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.
PA		**021746**	20		**028056**	20

Sealing cap	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	KA	**029236**	200	KA	**029236**	200

Elbow	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	WK	**029556**	50	WK	**029556**	50

See section 3 for mounting rails and end brackets

Test disconnect terminal blocks

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	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

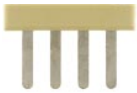
Ordering data	Type
	KrG
	PA
	Without diode PA
	With diode PA
	Blue PA
	Orange PA
with 2 StB[5])	KrG
with 2 StB[5])	PA
with 2 StB[5])	Without diode PA
with 2 StB[5])	Blue

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

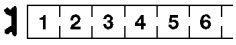
Size: 0,8 x 4

Diode plug (Spare)

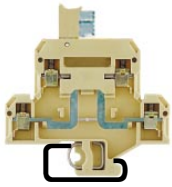
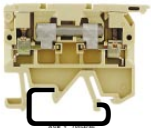
Test plug

Diodenstecker (Spare)

Without diode
With diode 1N4007
With diode 1N4007

Marking tags	**Print**
	Consecutive horizontal vertical Printed

See section 3 for mounting rails and end brackets

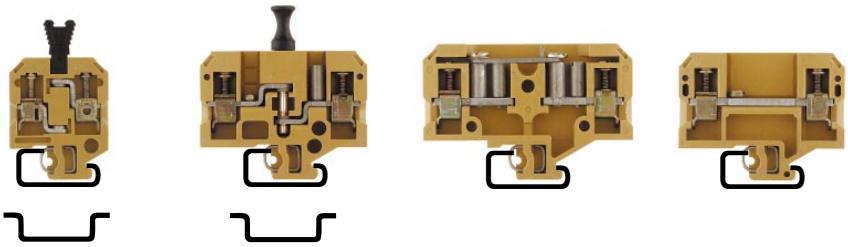
SAKR	SAKR-D	DKT 4	DKT 4 V	ASK 1
	DLS 2			
6.5/42/40.5/54.5 (open)	6,5/42/40,5/57 (with DLS 2)	6/65/56,5/70 (open)	6/65/56,5/70 (open)	8/58/49
8 mm/M 3/3,5 x 0,6	8 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6
400 V[6])/10 A/4 mm²	400 V/10 A/4 mm²	400V/10 A/4 mm²	400 V/10 A/4 mm²	500 V/19 A/4 mm²
6 kV/3	6 kV/3	6 kV/3	6 kV/3	6 kV/3
0,5…1,0/0.5 StB	0,5…1,0/0,5 StB	0,5…1,0/0,5 StB	0,5…1,0/0,5 StB	0,5…1,0
2/1	2/1	2/1	2/1	2
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
0.5…4	0,5…4	0,5…7	0,5…7	0,5…4
0.5…2.5	0,5…2,5	0,5…2,5	0,5…2,5	0,5…2,5
A 3	A 3	A 3	A 3	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/22…12 AWG	300 V/10 A/22…12 AWG	300 V/15 A/12 max. AWG
300 V/10 A/26…12 AWG	300 V/10 A/22…12 AWG	300 V/10 A/26…12 AWG	300 V/10 A/26…12 AWG	300 V/6,3 A/26…12 AWG
Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
041212 100				
041216 100	**041296**[1]) 100	**068736** 50		**045636** 100
	041306[2]) 50			
	026366[3]) 50			
041218 100				
146196 100				**010526** 100
041222 100				
041226 100	**054646**[1]) 100	**032786** 50	**130486** 50	
	041316[2]) 50			
041228 100				
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
AP (1.5) **021132** 20				
AP (1.5) **021136** 20	AP (1,5) **021136** 20	AP (1,5) **068756** 20	AP (1,5) **068756** 20	AP (1,5) **038036** 20
AP (1.5) **021138** 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 2[4]) **048270** 100	QB 2[4]) **048270** 100	QB 2[4]) **048270** 100	QB 2[4]) **046110** 100
QB 3[4]) **048280** 50	QB 3[4]) **048280** 50	QB 3[4]) **048280** 50	QB 3[4]) **048280** 50	QB 3[4]) **046120** 50
QB 4[4]) **048290** 50	QB 4[4]) **048290** 50	QB 4[4]) **048290** 50	QB 4[4]) **048290** 50	QB 4[4]) **046130** 50
QB 25 blank[4]) **013400** 20	QB 25 blank[4]) **013400** 20			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 +▷|– **063016** 50			
	DLS 2 –|◁+ **054776** 50			
FW 6.5 **046816** –	FW 6.5 **046816** –	FW 6 **046866** –	FW 6 **046866** –	FW 5 **047346** –
FS 6.5 **046826** –	FS 6.5 **046826** –	FS 6 **046876** –	FS 6 **046876** –	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

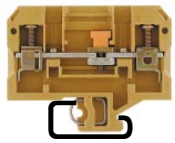
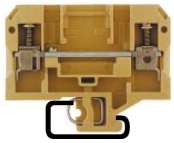
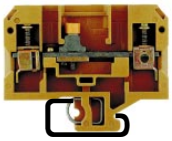
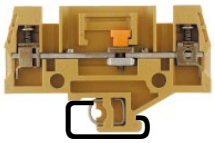


		SAKC 4 SAKC 4/35			SAKC 10 SAKC 10/35			SAKA 10			SAKB 10		
Dimensions													
Width / length / height (mm)	with TS 32	6,5/40/51,5/67			12/65/52,5/70,5			12/82/55,5			10/65/52,5		
Width / length / height (mm)	with TS 35 x 7,5	6,5/49,5/42,5/59,5			12/65/66			12 mm/M 4/5,5 x 1,0			12 mm/M 4/5,5 x 1,0		
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 3/3,5 x 0,6			12 mm/M 4/5,5 x 1,0								
Rated data													
Rated voltage / current / cross-section		400 V/25 A/4 mm²			500 V/27 A/10 mm²			500 V/47 A/10 mm²			500 V/63 A/10 mm²		
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 StB			1,2…2,4			1,2…2,4			1,2…2,4		
Torque setting with DMS 2 electric screwdriver		2/1			4			4			4		
Clampable conductor													
solid H07V-U	mm²	0,5…6			0,5…16			0,5…16			0,5…16		
stranded H07V-R	mm²	1,5…4			1,5…16			1,5…16			1,5…16		
flexible H07V-K	mm²	0,5…4			0,5…10			0,5…10			0,5…10		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4			0,5…10			0,5…10			0,5…10		
Plug gauge according to 947-1	Size	A 4			B 6			B 6			B 6		
Continuous current of terminal block for conductor size													
Continuous current rating of cross-connection 2…5-pole	A	(QB 2…25) 10			(QL 2…5) 47			(QL 2…5) 47			(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) 36		
UL / CSA rated data													
Voltage / current / conductor size	UL	300 V/–/22…12 AWG			300 V/25 A/22…8 AWG			600 V/–/18…8 AWG			600 V/–/18…8 AWG		
Voltage / current / conductor size	CSA	300 V/25 A/22…10 AWG			600 V/25 A/20…10 AWG			600 V/35 A/18…8 AWG			600 V/45 A/18…8 AWG		
Ordering data	Type		Qty.			Qty.			Qty.			Qty.	
	KrG	**034072**	100	**035752**	**032402**	50			**013412**	25		**013492**	40
	KrS												
With 2 StB	KrG	**034062**	100	**035762**	**032412**	50	**140462**	50					
With 1 StB	KrG						**140452**	50					
With 2 StB	KrS				**032403**	50							
End plate (thickness mm)		Type		Cat. No.	Type		Cat. No.	Qty.	Type		Cat. No.	Qty.	Type		Cat. No.	Qty.
	KrG	AP (1,5)		**011792**	AP (3,0)		**014672**	20	AP (3,0)		**013422**	20	AP (3,0)		**014672**	20
	KrS				AP (3,0)		**014673**	20								
	PA															
Partition (thickness mm)																
	KrG				TW (3,0)		**024292**	20	TW (3,0)		**025712**	20	TW (3,0)		**024292**	20
	KrS				TW (3,0)		**024293**	20								
	PA	TW (1,5)		**013016**	TW (1,5)		**024296**	20								
	HP	TW (1,0)		**029710****				20								
Cross-connection																
	1-pole	QB 2[1])		**048270**	QL 2		**013550**	50	QL 2		**013550**	50	QL 2		**011410**	100
	3-pole	QB 3[1])		**048280**	QL 3		**013560**	50	QL 3		**013560**	50	QL 3		**011430**	50
	4-pole	QB 4[1])		**048290**	QL 4		**013570**	50	QL 4		**013570**	50	QL 4		**011450**	50
	10-pole				QL 10		**033850**	20	QL 10		**033850**	20	QL 10		**033840**	20
	25-pole	QB 25 blank[1])		**013400**												
					VH 14		**029970**	50	VH 23		**034870**	50				
					BS M 4x20		**036280**	100	BS M 4 x 30		**026710**	50	BS M 4 x 9		**010330**	100
					SS M 4		**013640**	100	SS M 4		**013640**	100	SS M 4		**013640**	100
									VL 2		**013580**	50	VL 2		**013590**	50
Dummy plug																
made from plastic, to keep the place of an extracted plug		BST 4 green		**133905**												
		BST 4 red		**133906**												
		BST 4 blue		**133908**												
Test plug/Socket																
PS 4		PS 2.3		**018040**	PS 4		**029960**	20	PS 4		**029960**	20	PS 4S 4		**029960**	20
StB Plug-test socket (without using QL)					StB 13.5		**013520**	50	StB 13,5		**013520**	50	StB 16		**014020**	50
Disconnector plug (spare)																
		TST 4		**138060**	TST 10		**046270**	20								
Extraction tool																
for TST 4		ZI WE		**062306**												
Marking tags	**Print**															
1 2 3 4 5 6	Consecutive horizontal	FW 6.5		**046816**	FW 6.5		**046816**	–	FW 5		**047346**	–	FW 5		**047346**	–
	vertical Printed	FS 6.5		**046826**	FS 6.5		**046826**	–	FS 5		**047356**	–	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 mm²	400 V/27 A/6 mm²	400 V/27 A/6 mm²	400 V/27 A/6 mm²
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 mm²	0.5…10	0.5…10	0.5…10	0,5…10
stranded H07V-R mm²	1,5…10	1,5…10	1,5…10	1,5…10
flexible H07V-K mm²	0.5…6	0.5…6	0.5…6	0,5…6
flexible H07V-K and AEH DIN 46 228/1 mm²	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.	⊏⊐ Cat. No. Qty.	⊏⊐ Cat. No. Qty.	⊏⊐ Cat. No. Qty.
Closed back wall KrG	**026912** 50	**055042** 50	**049482** 50	**044542** 50
Open back wall KrG		**019562** 50	**026932** 50	
4 StB 14 KrG 60 V*				**043772** 50
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 **035366** 100	TSch 2 **035366** 100	TSch 2 **035366** 100	TSch 2 **035366** 100
				TSch 2 Orange **013246** 100
Cross-connection				
QL 2	QL 2 **019430** 50	QL 2 **019430** 50	QL 2 **019430** 50	QL 2 **019430** 50
QL 3	QL 3 **019440** 50	QL 3 **019440** 50	QL 3 **019440** 50	QL 3 **019440** 50
QL 4	QL 4 **019450** 50	QL 4 **019450** 50	QL 4 **019450** 50	QL 4 **019450** 50
VH 12	QL 10 **033830** 20	QL 10 **033830** 20	QL 10 **033830** 20	QL 10 **033830** 20
	VH 12 **024900** 100	VH 12 **024900** 100	VH 12 **024900** 100	VH 12 **024900** 100
VH 19	BS M 3x20 Cu **037710** 100	BS M 3x20 Cu **037710** 100	BS M 3x20 Cu **037710** 100	BS M 3x20 Cu **037710** 100
	QS 2 **027096** 20	QS 2 **027096** 20	QS 2 **027096** 20	QS 2 **027096** 20
QVSK 2	QVSK 2 **167036** 20	QVSK 2 **167036** 20	QVSK 2 **167036** 20	QVSK 2 **167036** 20
QVS 3	QVS 3 **032930** 20	QVS 3 **032930** 20	QVS 3 **032930** 20	QVS 3 **032930** 20
QVS 4	QVS 4 **030740** 20	QVS 4 **030740** 20	QVS 4 **030740** 20	QVS 4 **030740** 20
BS 25 blank	VH 19 **031800** 50	VH 19 **031800** 50	VH 19 **031800** 50	VH 19 **031800** 50
QS 2	BS 25 blank **033470** 50	BS 25 blank **033470** 50	BS 25 blank **033470** 50	BS 25 blank **033470** 50
Switchable cross-connection link				
	QB 2 **020570** 50	QB 2 **020570** 50	QB 2 **020570** 50	QB 2 **020570** 50
	QB 3 **020580** 50	QB 3 **020580** 50	QB 3 **020580** 50	QB 3 **020580** 50
	QB 4 **020590** 50	QB 4 **020590** 50	QB 4 **020590** 50	QB 4 **020590** 50
	QB 10 **034380** 20	QB 10 **034380** 20	QB 10 **034380** 20	QB 10 **034380** 20
Disconnect lc				
	SSP 3 **053176** 100	SSP 3 **053176** 100	SSP 3 **053176** 100	SSP 3 **053176** 100
Marking tags Print				
Consecutive horizontal	FW 6.5 **046816** –	FW 6.5 **046816** –	FW 6.5 **046816** –	FW 6.5 **046816** –
Consecutive vertical	FS 6.5 **046826** –	FS 6.5 **046826** –	FS 6.5 **046826** –	FS 6.5 **046826** –

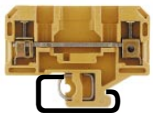
AP

TSch 2

TW (0,5)

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 mm²			400 V/27 A/4 mm²		
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	mm²	0,5…6			0,5…6		
stranded H07V-R	mm²	1,5…4			1,5…4		
flexible H07V-K	mm²	0,5…4			0,5…4		
flexible H07V-K and AEH DIN 46 228/1	mm²	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.	⊏⊐	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		QL 2	**015590**	100	QL 2	**015590**	100
QL 3		QL 3	**015600**	100	QL 3	**015600**	100
QL 4		QL 4	**015610**	50	QL 4	**015610**	50
VH 12		QL 10	**033810**	20	QL 10	**033810**	20
VH 19	QVSK 2	VH 8	**026670**	100	VH 8	**026670**	100
		BS M 3x15 Cu	**037720**	100	BS M 3x15 Cu	**037720**	100
BS 25 blank	QVS 3	QVS 2	**131926**	20	QVS 2	**131926**	20
QS 2	QVS 4	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
Marking tags	**Print**						
1 2 3 4 5 6	Consecutive horizontal	FW 6.5	**046816**	–	FW 6.5	**046816**	–
	Consecutive vertical	FS 6.5	**046826**	–	FS 6.5	**046826**	–

AP

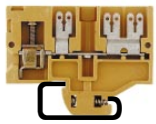
TSch 2

TW (0,5)

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

Feed-through terminals with tab connection

Disconnect terminals with tab connection

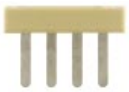


		AST 1	AST 3	AST 4	AST 5
Dimensions					
Width / length / height (mm)	with TS 32 ⊏⊐	6,5/58/53,5	6,5/40/47,5	6,5/40/47,5	6,5/58/53,5
Insulation stripping length/clamping screw/screwdriver blade				9 mm/M 2,5/3,5 x 0,6	12 mm/M 3/3,5 x 0,6
Rated data					
Rated voltage / current / cross-section		500 V[1]/ - /2,5/1,0 mm²	500 V[1]/ - /2,5/1,0 mm²	500 V[1]/ - /2,5/1,0 mm²	500 V[1]/ - /2,5/1,0 mm²
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…0,7	0,5…1,0
Torque setting with DMS 2 electric screwdriver				1	2
Clampable conductor					
solid H07V-U	mm²			0,5…4	0,5…6
stranded H07V-R	mm²			1,5…2,5	1,5…2,5
flexible H07V-K	mm²			0,5…2,5	0,5…4
flexible H07V-K and AEH DIN 46 228/1	mm²			0,5…2,5	0,5…4
Plug gauge according to 947-1	Size			A 3	A 4
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	(QL 2…10) 36	(QL 2…10) 36
Continuous current rating of cross-connection multipole	A				
UL / CSA rated data					
Voltage / current / conductor size	UL	300 V/13 A/–	300 V/13 A/–	300 V/13 A/22…12 AWG	300 V/13 A/22…12 AWG
Voltage / current / conductor size	CSA	300 V/16 A/–	300 V/16 A/–	300 V/16 A/24…12 AWG	300 V/16 A/24…12 AWG

Ordering data	**Version**	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.	⊏⊐	Cat. No.	Qty.
	Slotted KrG		**047822**	50		**044242**	100		**043912**	100		**047922**	50
	Blue, slotted KrG												
	Slotted PA		**047826**[2])	50		**023686**[2])	100		**023726**	100		**047926**	50
	Unslotted KrG		**026632**	50		**029802**	100		**032122**	100		**033452**	50
	Blue, unslottedKrG												
	Unslotted PA		**026636**[2])	50		**023676**[2])	100		**023716**	100		**033456**	50
	Block of 10, slotted with marrking 1–9 PA												

AP TW TSch 1

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)	**026642**	20	AP (3,0)	**029812**	20	AP (3,0)	**029812**	20	AP (3,0)	**026642**	20
	Blue KrG												
	PA	AP (1,5)	**026646**	20	AP (1,5)	**046056**	20	AP (1,5)	**046056**	20	AP (1,5)	**026646**	20
	PA				TW (1,5)	**013016**	20	TW (1,5)	**013016**	20			
	HP	TW (0,5)	**047470**	20	TW (1,0)	**029710**	20	TW (1,0)	**029710**	20	TW (1,0)	**047470**	20
	HP	TW (2,0)	**060700**	20							TW (2,0)	**060700**	20
	Only for PA	TSch 1	**031916**	100	TSch 1	**031916**	100	TSch 1	**031916**	100	TSch 1	**031916**	100



QL QB 4

BS M 3 x 4,5 BS M 3 x 24

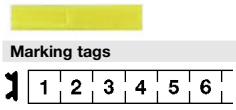
Cross-connection													
	2-pole	Q 2	**033670**	50	Q 2	**033670**	50	Q 2	**033670**	50	Q 2	**033670**	50
	3-pole	Q 3	**033680**	50	Q 3	**033680**	50	Q 3	**033680**	50	Q 3	**033680**	50
	4-pole	Q 4	**033690**	50	Q 4	**033690**	50	Q 4	**033690**	50	Q 4	**033690**	50
	10-pole	Q 10	**036880**	20	Q 10	**036880**	20	Q 10	**036880**	20	Q 10	**036880**	20
	25-pole												

clips into PA version of AST3 and AST4 only

Plug adapter													
	2-pole				STA 2.5/2	**016586**	100	STA 2.5/2	**016586**	100			
	3-pole				STA 2.5/3	**016596**	50	STA 2.5/3	**016596**	50			
	4-pole				STA 2.5/4	**019036**	50	STA 2.5/4	**019036**	50			
	5-pole				STA 2.5/5	**016606**	50	STA 2.5/5	**016606**	50			
	8-pole				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

PS StB

		PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20
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 6.5	**046816**	–	FW 6	**046866**	–	FW 6	**046866**	–	FW 6.5	**046816**	–
	Consecutive vertical												



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

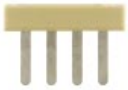
	SAK 4 S	SAK 4 SS	SAKR F
Dimensions			
Width / length / height (mm) with TS 32	6,5/40/51,5	6,5/40/51,5	6,5/42/40,5/54,5 (open)
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 3/3,5 x 0,6		8 mm/M 3/3,5 x 0,6
Rated data			
Rated voltage / current / cross-section	500 V/16 A/2,5/1,0 mm²	500 V/16 A/2,5/1,0 mm²	250 V/10 A/4/1,0 mm²
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 mm²	0,33…6		0,5…4
stranded H07V-R mm²	1,5…4		1,5…4
flexible H07V-K mm²	0,5…4		0,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²	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	(QB 2…25) 10
Continuous current rating of cross-connection multipole A			
UL / CSA rated data			
Voltage / current / conductor size UL	300 V/13 A/26…12 AWG	300 V/13 A/18…14 AWG	
Voltage / current / conductor size CSA	300 V/13 A/26…12 AWG	300 V/13 A/18…14 AWG	300 V/15 A/26…10 AWG
Ordering data **Version**	Cat. No. / Qty.	Cat. No. / Qty.	Cat. No. / Qty.
Slotted KrG	**040122** 100	**047962** 100	
Blue, slotted KrG		**047967** 100	
Slotted PA	**040126** 100	**047966** 100	**066366** 100
Unslotted KrG	**047952** 100	**035292** 100	with 1 StB 6
Blue, unslottedKrG		**035297** 100	
Unslotted PA			
Block of 10, slotted with marrking 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	AP (1,5) **011792** 20	
blue KrG		AP (1,5) **011797** 20	
PA	AP (1,5) **011796** 20	AP (1,5) **011796** 20	AP (1,5) **021136** 20
PA	AP (1,5) **013016** 20	TW (1,5) **013016** 20	
HP	TW (1,0) **029710** 20	TW (1,0) **029710** 20	TW (1,0) **029710** 20
HP			
Only for PA			
Cross-connection			
2-pole	QL 2 **013060** 100	QL 2 **013060** 100	QB 2* **048270** 100
3-pole	QL 3 **013070** 100	QL 3 **013070** 100	QB 3* **048280** 50
4-pole	QL 4 **013080** 50	QL 4 **013080** 50	QB 4* **048290** 50
10-pole	QL 10 **033820** 20	QL 10 **033820** 20	
25-pole			QB 25 blank* **013400** 20
	BS M 3x4,5 **159321** 100	BS M 3x4,5 **159321** 100	
Plug adapter			
2-pole			
3-pole			
4-pole			
clips into PA version 5-pole			
of AST3 and AST4 only 8-pole			
Test plug/Socket			
Plug-test socket without using QL for TS 32			
			PS 2.3 **018040** 20
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**			
Consecutive horizontal	FW 6.5 **046816** –	FW 6.5 **046816** –	FW 6.5 **046816** –
Consecutive vertical			

AP

TW

TSch 1

QL


QB 4

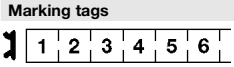
BS M 3 x 4,5

BS M 3 x 24

clips into PA version of AST3 and AST4 only

PS

StB

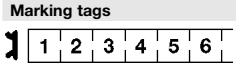


For further accessories see section 3, further marking material see section 8

[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 ⊏⊐		6/54/59,5			6/54/59,5		
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 / current / cross-section		400 V¹)/2 x 10/4/1,0 mm²			400 V¹)/2 x 10/4/2,5/1,0 mm²		
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	mm²	0,5…4			0,5…4		
stranded H07V-R	mm²	1,5…4			1,5…4		
flexible H07V-K	mm²	0,5…4			0,5…4		
flexible H07V-K and AEH DIN 46 228/1	mm²	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**	100		**063116**	100
End plate (thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	PA	AP (1,5)	**063136**	20	AP (1,5)	**063136**	20
Partition							
	HP	TW HP (2,0)	**060700**	20	TW HP (2,0)	**060700**	20
Small partition							
TSch 6		TSch 6	**019026**	100	TSch 6	**019026**	100
Cross-connection							
Q 3	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 StB		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	FW 6	**046866**	–	FW 6	**046866**	–
	Consecutive vertical						

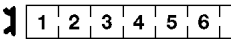
For further accessories see section 3, further marking material see section 8

¹) 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	6/36,5/47,5/67	6/36,5/47,5/62	6/36,5/47,5/69
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 2,5/3,5 x 0,6	12 mm/M 2,5/3,5 x 0,6	12 mm/M 2,5/3,5 x 0,6
Rated data			
Rated voltage / current / cross-section	250 V/8 A/2,5 mm²	250 V/10 A/2,5 mm²	250 V/10 A/2,5 mm²
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…0,7	0,4…0,7	0,4…0,7
Torque setting with DMS 2 electric screwdriver	1	1	1
Clampable conductor			
solid H07V-U mm²	0,5…6	0,5…6	0,5…6
stranded H07V-R mm²	0,5…2,5	0,5…2,5	0,5…2,5
flexible H07V-K mm²	0,5…4	0,5…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²	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			
Continuous current rating of cross-connection 2-pole A	(Q 2…10) 27	(Q 2…10) 27	(Q 2…10) 27
Continuous current rating of cross-connection multipole A			
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	SAK 2.5 T Cat. No.	Qty.	SAK 2.5 T Cat. No.	Qty.	SAK 2.5 T Cat. No.	Qty.
Horizontal assembly	Right	KrG	**010852**	100				
	Horizontal left	KrG			**051842**	100		
	Horizontal right	KrG			**048592**	100	**068702**	100
Vertical assembly	Vertical left	KrG			**047882**	100	**037102**	100
	Vertical right	KrG			**069362**	100		
	2x vertical	KrG					**048502**	100
	right	PA	**010856**[1])	100				

End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
KrG	AP (1,5)	**027952**	20	AP (1,5)	**027952**	20	AP (1,5)	**027952**	20
PA	AP (1,5)	**027956**	20	AP (1,5)	**027956**	20	AP (1,5)	**027956**	20
Partition (thickness mm)									
KrG	TW (2,5)	**030282**	20	TW (2,5)	**030282**	20	TW (2,5)	**030282**	20
PA	TW (1,5)	**030286**	20	TW (1,5)	**030286**	20	TW (1,5)	**030286**	20
HP	TW (0,5)	**019710**	20	TW (0,5)	**019710**	20	TW (0,5)	**019710**	20
HP	TW (2,0)	**060700**	20	TW (2,0)	**060700**	20	TW (2,0)	**060700**	20
Small partition									
	TSch 1	**031916**	100	TSch 1	**031916**	100	TSch 1	**031916**	100
Cross-connection									
2-pole	Q 2	**033700**	50	Q 2	**033700**	50	Q 2**	**033700**	50
3-pole	Q 3	**033710**	50	Q 3	**033710**	50	Q 3**	**033710**	50
4-pole	Q 4	**033720**	50	Q 4	**033720**	50	Q 4**	**033720**	50
10-pole	Q 10	**036870**	20	Q 10	**036870**	20	Q 10**	**036870**	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	StB 8.5 (ø 2,3)	**028060**	50
PS StB	PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20
Marking tags **Print**									
 Consecutive horizontal Consecutive vertical	FW 6	**046866**	–	FW 6	**046866**	–	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)

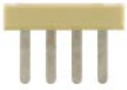
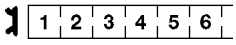
** not for type 2x vertical

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 ⊏⊐		6/50/58,5/75,5	6/50/60,5/77,5	6/50/67,5/84,5	6/42/40,5/54,5
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	9 mm/M 3/3,5 x 0,6	8 mm/M 3/3,5 x 0,6
Rated data					
Rated voltage / current / cross-section		250 V/8 A/4 mm²	250 V/10 A/4 mm²	250 V/10 A/4 mm²	250 V/6/8 A/4 mm²
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	0,5…1,0	0,5…1,0	0,5…1,0	0,5…1,0
Torque setting with DMS 2 electric screwdriver		1	1	1	2
Clampable conductor					
solid H07V-U	mm²	0,5…4	0,5…4	0,5…4	0,5…6
stranded H07V-R	mm²	1,5…4	1,5…4	1,5…4	1,5…4
flexible H07V-K	mm²	0,5…4	0,5…4	0,5…4	0,5…4
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4	0,5…4	0,5…4	0,5…4
Plug gauge according to 947-1	Size	A3	A3	A3	A3
Continuous current of terminal block for conductor size					
Continuous current rating of cross-connection 2-pole	A	(Q 2…10) 20	(Q 2…10) 20	(Q 2…10) 20	(QB 2…10) 10
Continuous current rating of cross-connection multipole	A				
UL / CSA rated data					
Voltage / current / conductor size	UL	–	–	–	–
Voltage / current / conductor size	CSA	–	–	–	–

Ordering information	Pin	Type	DK 4 T ⊏⊐	Cat. No.	Qty.	DK 4 T ⊏⊐	Cat. No.	Qty.	DK 4 T ⊏⊐	Cat. No.	Qty.	SAKRT ⊏⊐	Cat. No.	Qty.
	Right	PA		**053656**	50									
	Left	PA										Pin 1 x 1	**058746**	100
	Horizontal right	PA					**037046**[1])	50						
	Horizontal right	Blue PA					**037048**[1])	50						
	Vertical right	PA					**037036**[1])			**052776**[1])	50	Pin 0,8 x 2,4	**054506**	100
	Vertical right	Blue PA												
	Vertical	PA					**068586**[1])	50						
	Vertical left	PA										Pin 0,8 x 1,6	**046936**	100
DK 4 QT bridgeable on both levels	Right	PA		**139846**[1])	50									
	Horizontal right	PA					**139856**[1])	50		**139876**[1])	50			
	Vertical right	PA					**139866**[1])	50		**139886**[1])	50			

End plate / partition (thickness mm)		DK 4 T Type	Cat. No.	Qty.	DK 4 T Type	Cat. No.	Qty.	DK 4 T Type	Cat. No.	Qty.	SAKRT Type	Cat. No.	Qty.
	PA	AP (1,5)	**035926**	20	AP (1,5)	**035926**	20	AP (1,5)	**035926**	20	AP (1,5)	**021136**	20
	Blue PA	AP (1,5)	**035928**	20	AP (1,5)	**035928**	20						
		TW (2,0)	**060700**	20	TW (2,0)	**060700**	20	TW (2,0)	**060700**	20	TW (2,0)	**060700**	20
Small partition													
TSch 4		TSch 4	**036336**	100	TSch 4	**036336**	100	TSch 4	**036336**	100			
Cross-connection/Covers													
Q 3	2-pole	Q 2	**033640**	50	Q 2	**033640**	50	Q 2	**033640**	50			
	3-pole	Q 3	**033650**	50	Q 3	**033650**	50	Q 3	**033650**	50			
	4-pole	Q 4	**033660**	50	Q 4	**033660**	50	Q 4	**033660**	50			
	10-pole	Q 10	**036860**	20	Q 10	**036860**	20	Q 10	**036860**	20			
 QB 4		QB 2*	**048270**	100	QB 2*	**048270**	100	QB 2*	**048270**	100	QB 2*	**048270**	100
		QB 3*	**048280**	50	QB 3*	**048280**	50	QB 3*	**048280**	50	QB 3*	**048280**	50
		QB 4*	**048290**	50	QB 4*	**048290**	50	QB 4*	**048290**	50	QB 4*	**048290**	50
	25-pole										QB 25 blank*	**013400**	20
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			
PS StB		PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20			
Marking tags	**Print**												
	Consecutive horizontal Consecutive vertical	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)

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.

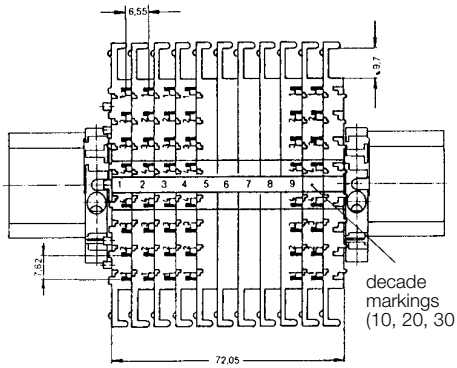
* Block length = 72.05 mm

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	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-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)

		⊏⊐	Cat. No.	Qty.
Vertical	0.8 x 1.6		**046376**	8
Horizontal	0.8 x 1.6		**046366**	8
Vertical	0.8 x 2.4		**046396**	8
Horizontal	0.8 x 2.4		**046386**	8
0.8 x 2.4 on 1 x1			**049796**	8

Horizontal assembly

Vertical assembly

Additional versions available on request

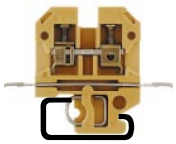
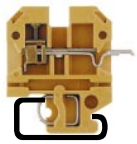
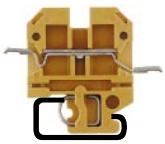
Plug adapter

Type	Cat. No.	Qty.
DSA 1	**057606**	50

Marking tags

dekafix 5 FW 10, 20, 30, 40 etc.	**013266**	

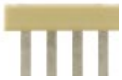
Feed-through terminals
Disconnect terminals
with solder connection

	SAK 2.5/M.LS	SAK 2.5 L	SAK 2.5 LL	SAKR L
	with Screen lug			
				
Dimensions				
Width / length / height (mm) with TS 32 ⊏⊐	6/60/46,5	6/44,5/46,5	6/55/46,5	6,5/50/40,5/54,5 (open)
Insulation stripping length/clamping screw/screwdriver blade	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 mm²	250 V/20 A/2,5/1,5 mm²	250 V/20 A/1,5 mm²	250 V/10 A/4/1,5 mm²
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 mm²	0,5…6	0,5…6		0,5…4
stranded H07V-R mm²	0,5…2,5	0,5…2,5		01,5…4
flexible H07V-K mm²	0,5…4	0,5…4		,5…4
flexible H07V-K and AEH DIN 46 228/1 mm²	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				
Continuous current rating of cross-connection 2-pole A	(Q 2…10) 27	(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.	⊏⊐ Cat. No. Qty.	⊏⊐ Cat. No. Qty.	⊏⊐ Cat. No. Qty.
KrG	**030912** 100	**035142** 100	**032362** 100	
Blue KrG		**035147** 100	**032367** 100	
KrS				
PA		**035146**[1]) 100	**032366**[1]) 100	**041236** 100
Blue PA				
KrG		**054412*** 100		
KrS		**054413*** 100		
PA		**054416***[1]) 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) **021136**[1]) 20
Blue PA				AP (1,5) **021138** 20
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** 20
Small partition	TSch 1 **031916** 100	TSch 1 **031916** 100	TSch 1 **031916** 100	
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	FW 6 **046866**	FW 6 **046866**	FW 6 **046866**	FW 6.5 **046816**
Consecutive vertical	FS 6 **046876**	FS 6 **046876**	FS 6 **046876**	FS 6.5 **046826**

AP

TW

Q 3


QB 4

PS

StB

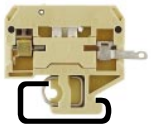
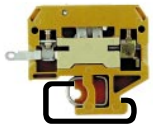
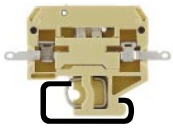
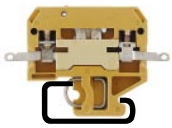
For further accessories see section 3, further marking material see section 8

* 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	SAKR L	SAKR LL	SAKR LL
	with 1 x StB 6	with 2 StB 6		with 2 StB 6
				
Dimensions				
Width / length / height (mm) with TS 32	6,5/50/40,5/54,5 (open)	6,5/50/40,5/54,5 (open)	6,5/58/40,5/54,5 (open)	6,5/58/40,5/54,5 (open)
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3,5 x 0,6	8 mm/M 3/3,5 x 0,6		–/–/3,5 x 0,6
Rated data				
Rated voltage / current / cross-section	250 V/10 A/4/1,5 mm²	250 V/10 A/4/1,5 mm²	250 V/10 A/1,5 mm²	250 V/10 A/1,5 mm²
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	0,5…1,0	0,5…1,0		
Torque setting with DMS 2 electric screwdriver	2/1	1		
Clampable conductor				
solid H07V-U mm²	0,5…4	0,5…4		
stranded H07V-R mm²	1,5…4	1,5…4		
flexible H07V-K mm²	0,5…4	0,5…4		
flexible H07V-K and AEH DIN 46 228/1 mm²	0,5…2,5	0,5…2,5		
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	(QB 2…25) 10	(QB 2…25) 10		
Continuous current rating of cross-connection multipole A				
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	SAKR L Cat. No.	Qty.	SAKR L Cat. No.	Qty.	SAKR LL Cat. No.	Qty.	SAKR LL Cat. No.	Qty.
KrG			**051812***	100			**029422**	100
Blue KrG								
KrS								
PA	**041256**	100	**051816***	100	**046446**	100	**029426**	100
Blue PA					**046448**	100		
KrG								
KrS								
PA	**041266***	100	**057266**	100				
Blue PA								

End plate / partition (thickness mm)	SAKR L Type	Cat. No.	Qty.	SAKR L Type	Cat. No.	Qty.	SAKR LL Type	Cat. No.	Qty.	SAKR LL Type	Cat. No.	Qty.
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	AP (1,5)	**021138**	20	AP (1,5)	**021138**	20	AP (1,5)	**021138**	20	AP (1,5)	**021138**	20
PA												
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

AP

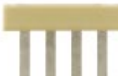
TW

Small partition

Cross-connection

	SAKR L			SAKR L			SAKR LL			SAKR LL		
2-pole	QB 2**	**048270**	100	QB 2**	**048270**	100						
3-pole	QB 3**	**048280**	50	QB 3**	**048280**	50						
4-pole	QB 4**	**048290**	50	QB 4**	**048290**	50						
10-pole												
25-pole	QB 25 blank**	**013400**	20	QB 25 blank**	**013400**	20						

Q 3


QB 4

Test plug/Socket

	SAKR L			SAKR L			SAKR LL			SAKR LL		
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

PS StB

Cover

Marking tags

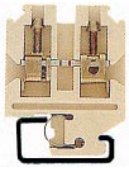
	Print	SAKR L		SAKR L		SAKR LL		SAKR LL	
1 2 3 4 5 6	Consecutive horizontal	FW 6.5	**046816**	FW 6.5	**046816**	FW 6.5	**046816**	FW 6.5	**046816**
	Consecutive vertical	FS 6.5	**046826**	FS 6.5	**046826**	FS 6.5	**046826**	FS 6.5	**046826**

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

Ceramic feed-through terminals

for use in high temperature ranges up to max. 210 °C

	TAL 2 solder connections	TAL 4 solder connections	SAKK 4	SAKK 10
				
Dimensions				
Width / length / height (mm) with TS 32	4/48/36/50 (open)	4/54/36/50 (open)	8/40/53	11,5/40/53
Insulation stripping length/clamping screw/screwdriver blade			12 mm/M 3/3,5 x 0,6	12 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	63 V/10 A/1,5 mm²	63 V/10 A/1,5 mm²	800 V/32 A/4 mm²	800 V/57 A/10 mm²
	1,5 kV/3	1,5 kV/3		
Further technical data				
Clampable conductor				
solid mm²			0,5…6 mm²	2,5…16 mm²
stranded mm²			0,5…4 mm²	2,5…10 mm²
Plug gauge according to 947-1 Size			A 4	B 6
Continuous current of cross-connection for conductor size			35 A/6 mm²	63 A/16 mm²
Continuous current rating of cross-connection 2-pole A			36	47
Continuous current rating of cross-connection multipole A	–	–	36	36
UL / CSA rated data				
Voltage / current / conductor size UL			600 V/30 A/22…10 AWG	600 V/55 A/14…16 AWG
Voltage / current / conductor size CSA			600 V/36 A/26…10 AWG	600 V/65 A/14…16 AWG
Ordering data **Version**	Cat. No. / Qty.	Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
Ceramic	**021206** 100	**030496** 100	SAKK 4 **159808** 50	SAKK 10 **159809** 50
End plate (Thickness 3 mm)	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
	AP (1,5) **021226** 20	AP (1,5) **021226** 20	AP/SAKK 4/10 **950263** 10	AP/SAKK 4/10 **950263** 10
Cross-connection	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
QL 2	TW (0,5) **047470** 20	TW (0,5) **047470** 20	QL 2 **019430** 100	QL 2 **950947** 100
QL 3	TW (1,0) **029710** 20	TW (2,0) **060700** 20	QL 3 **019440** 100	QL 3 **950948** 50
QL 4			QL 4 **019450** 50	QL 4 **950949** 50
			QL 10 **033830** 20	QL 10 **950950** 20
Connecting sleeve			VH 13,5 **950946** 100	VH 12,5 **950951** 50
Attachment screw			BS (M 3 x 20) **030300** 100	BS (M 3 x 20) **030300** 100
Accessories				
Locking pin			SST 3 **015270**	SST 3 **015270**
End bracket			MEW 1/32 **044560**	MEW 1/32 **044560**
PE terminal			EK 2 **032311**	EK 2 **032311**
Marking tags **Print**				
Consecutive horizontal	on request	on request		
Consecutive vertical	on request	on request		

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

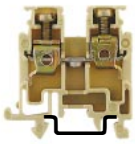
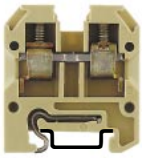
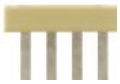
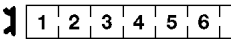
TS 15

Feed-through terminals

PE terminals

Fuse terminals

Disconnect terminals

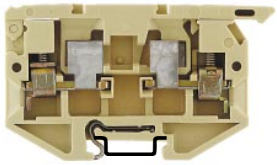
		AKZ 1.5 AKZ 1.5/10			AKZ 2.5			AKZ 4 AKZ 4/10			AKZ 4 for test adapter AKZ 4/10 for test adapter		
													
Max. Technical Data		21.5 A / 2.5 mm²			26 A / 4 mm²			38,5 A / 6 mm²			38,5 A / 6 mm²		
Dimensions													
Width / length / height (mm)	with TS 15 ⊔	5/25/25			5/25,5/27			6/27/30			60/27/30		
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			9 mm/M 3/3,5 x 0,6			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/17,5 A/1,5 mm²			250 V/24 A/2,5 mm²			500 V/32 A/4 mm²			500 V/32 A/4 mm²		
Rated impulse voltage / Pollution severity		6 kV/3			4 kV/3			6 kV/3			6 kV/3		
Further technical data													
Tightening torque range	Nm	0,4…0,7			0,4…0,7			0,5…1,0			0,5…1,0		
Torque setting with DMS 2 electric screwdriver		1			1			2			2		
Clampable conductor													
solid H07V-U	mm²	0,5…2,5			0,5…4			0,5…6			0,5…6		
stranded H07V-R	mm²	1,5			1,5…2,5			1,5…4			1,5…4		
flexible H07V-K	mm²	0,5…1,5			0,5…2,5			0,5…4			0,5…4		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…1,5			0,5…2,5			0,5…4			0,5…4		
flexible H07V-K and AEH with plastic collar	mm²	0,5…1,5			0,5…2,5			0,5…4			0,5…4		
Max. Clamping Range in mm² / Gauge pin to IEC 947-1/1988	Size	0,2…2,5 / A 1			0,13…4.0 / A 3			0,2…6.0 / A 3			0,2…6.0 / A 3		
Continuous current rating of cross-connection 2-pole	A	10			20			20			20		
Continuous current rating of cross-connection multipole	A	10			20			20			20		
UL / CSA rated data													
Voltage / current / conductor size	UL	150 V/15 A/22…14 AWG			300 V/10 A/22…12 AWG			300 V/27A/22…12 AWG			300V/27 A/22…12 AWG		
Voltage / current / conductor size	CSA	300 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		
Ordering data	Type	⊔ TS 15	Cat. No.	Qty.	⊔ TS 15	Cat. No.	Qty.	⊔ TS 15	Cat. No.	Qty.	⊔ TS 15	Cat. No.	Qty.
	KrG								**029432**	100			
	PA		**034046**	100	(with spigot)	**069716**	100		**029436**	100	for test adapter	**153826**	100
	Blue PA		**034048**	100	(with spigot)	**069718**	100		**029438**	100			
	PA	(10pol.w/o.mrk.)	**035806**	10	(without spigot)	**017596**	100	(10pol.w/o.mrk.)	**035956**	10	w. mark./f. test ad.	**148936**	10
	PA	(10pol.w. mrk.	**035816**	10	AKZ 2.5 with AP	**038586**	50	(10pol.w. mrk.)	**035966**	1	ATA 1, 1-pole	**163253**	25
	[1]Test adapter ATA 1…										ATA 1, 10-pole	**163324**	5
End plate (thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	KrG							AP (1,5)	**029442**	20			
	PA	AP (1,5)	**034056**	50	AP (2,5)	**069736**	50	AP (1,5)	**029446**	20	AP (1,5)	**029446**	20
	Blue PA				AP (2,5)	**069738**	50	AP (1,5)	**029448**	20			
Partition (thickness mm)													
	KrG							TW (2,0)	**011890**	20			
	PA				TW (1,5)	**031856**	20	TW (0,5)	**034826**	50	TW (0,5)	**034826**	50
	Blue PA				TW (1,5)	**031858**	20						
Small partition													
	PA							TSch 4	**036336**	100	TSch 4	**036336**	100
Cross-connection													
Q 2		Q 2	**036820**	50	Q 2	**036820**	50	Q 2	**033640**	50	Q 2	**033640**	50
 QB 4		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 5	**066030**	20	Q 5	**066030**	20						
		Q 10	**036850**	20	Q 10	**036850**	20	Q 10	**036860**	20	Q 10	**036860**	20
Switchable cross-connection link													
VL								VL 2	**044670**	50	VL 2	**044670**	50
BS								VH 10	**044660**	100	VH 10	**044660**	100
VH								BS M 2,5x14	**026680**	100	BS M 2,5x14	**026680**	100
Cover/cover profile for shock protection*													
	(see also on page 3/23)				Marking tags can be clipped over cross-connection			AD 4	**030340**	50	AD 4	**030340**	50
								BSK M 2,5x18	**030330**	100	BSK M 2,5x18	**030330**	100
								ADP 4[2])	**137816**	10	ADP 4[2])	**137816**	10
Test plug/Socket													
StB	Plug-test socket without using QL	StB 8.5	**021570**	50	StB 8.5	**021570**	50	StB 8.5	**021570**	50	StB 8.5	**021570**	50
PS													
	contact sleeve	PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20
Marking tags			**Print**										
	Consecutive horizontal	FW 5	**047346**	500	FW 5	**047346**	500	FW 6	**046866**	500	FW 6	**046866**	500
	Consecutive vertical	FS 5	**047356**	500	FS 5	**047356**	500	FS 6	**046876**	500	FS 6	**046876**	500

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

* For PA terminals only

[1]) Test adapter with crimped cables available on request

[2]) 300 mm long

AK 4 AK 4/10	AKE 2.5	AKE 4	AKE 4 MS	ASK 1	SAKR with 2 sockets or with 2 clamping screws
					
38,5 A / 6 mm²					
60/32/34	5/28/27	7/32/34	7/27,5/30	8/58/34	6,5/42/45
9 mm/M 3/3,5 x 0,6	7 mm/M 2,5/3,0 x 0,5	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	8 mm/M 3/3,5 x 0,6
	IEC 947-7-2	**IEC 947-7-2**			
690 V/32 A/4 mm²	250 V**/–/2,5 mm²	690 V**/–/4 mm²	–/–/4 mm²	500 V/6,3 A*/4 mm²	400 V²)/10 A/4 mm²
8 kV/3	4 kV/3	8 kV/3		6 kV/3	6 kV/3
0,5…1,0	0,4…0,7	0,5…1,0	0,8…1,6	0,5…1,0	0,5…1,0
2	1	2	3	2	2
0,5…6	0,5…4	0,5…4	0,5…4	0,5…4	0,5…4
1,5…4	1,5…2,5	1,5…4	1,5…4	1,5…4	1,5…4
0,5…4	0,5…2,5	0,5…4	0,5…4	0,5…4	0,5…4
0,5…4	0,5…2,5	0,5…2,5	0,5…4	0,5…2,5	0,5…4
0,5…4	0,5…2,5	0,5…2,5	0,5…4	0,5…2,5	0,5…4
0,2…6.0 / A 3	0,13…4.0 / A 3	0,13…4.0 / A 3	0,5…4.0 / A 3	0,13…4.0 / A 3	0,13…4.0 / A 3
20				(QB 2…4) 10	(QB 2…4) 10
20					
600 V/27 A/22…12 AWG	–/–/22…12 AWG	–/–/22…12 AWG	–	300 V/10 A/22…12 AWG	300 V/10 A/22…12 AWG
600 V/20 A/24…12 AWG	–/–/26…12 AWG	–/–/26…12 AWG	–/–/22…14 AWG	300 V/6,3 A/26…12 AWG	300 V/10 A/26…12 AWG
TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.
048956 100	**130336** 100	**038026** 100	**021120** 50	**037686** 100	with 2 StB **041286** 100
	(Green/yellow)	(Green/yellow)		5 x 20 without indicator	
(10pol.w/o.mrk.) **036656** 10					w. clamp. scrw. **041276** 100
(10pol.w. mrk.) **046956** 10					
Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
BB 3 (8,0) **036666** 50				AP (1,5) **038036** 20	AP (1,5) **021136** 20
Combined AP + end bracket					
TW/AP (1,5) **133176** 20					
TSch 4 **036336** 100					
Q 2 **036900** 50				QB 2¹) insul. **046110** 50	QB 2¹) insul. **048270** 50
Q 3 **036910** 50				QB 3¹) insul. **046120** 50	QB 3¹) insul. **048280** 50
Q 4 **036920** 50				QB 4¹) insul. **046130** 50	QB 4¹) insul. **048290** 50
Q 10 **036930** 20				3-pole ganging with SchS 2, marking tag carrier, clipped onto three disconnect levers (Cat. No. **033740**)	QB 25¹) blank **013400** 20
AD 4 **030340** 50					
BSK M 2,5x18 **030330** 100					
StB 8.5 **021570** 50					
PS 2.3 **018040** 20				contact sleeve **055330** 100	PS 2.3 **018040** 20
FW 6 **046866** 500	FW 5 **047346** 500	FW 6,5 **046816** 500		FW 6.5 **046816** 500	FW 6.5 **046816** 500
FS 6 **046876** 500	FS 5 **047356** 500	FS 6,5 **046826** 500		FS 6.5 **046826** 500	FS 6.5 **046826** 500

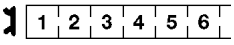
**) rated voltage between PE and feed-through to VDE 0110/1.89

¹) The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

* With contact sleeve 19 A

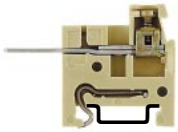
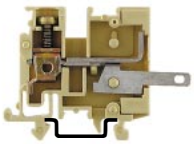
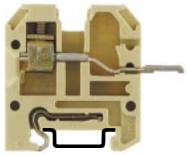
²) As disconnect terminal, rated voltage 250 V

Feed-through terminals
Tab connection
Solder connection

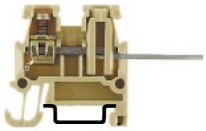
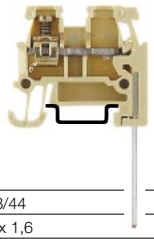
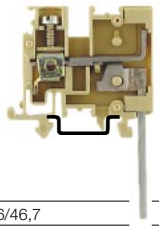
		AKZ 4 SS	AKZ 4 SS	AKZ 4 S	AKZ 4 SF
Dimensions					
Width / length / height (mm)	with TS 15	6/28,5/30,5	6/28,5/30,5	6/27/30	6/27/30
Insulation stripping length/clamping screw/screwdriver blade				9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6
Rated data					
Rated voltage/rated current/rated cross-section		400 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** 20
	PA				
	Blue PA				
	HP				
	HP				
	BB				
Partition (thickness mm)					
	PA	TW (0,5) **034826** 50	TW (0,5) **034826** 50	TW (0,5) **034826** 50	TW (0,5) **034826** 50
	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 BS VH				VL 2 **044670** 50	VL 2 **044670** 50
				VH 10 **044660** 100	VH 10 **044660** 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** 50
PS StB		PS 2.3 **018040** 20	PS 2.3 **018040** 20	PS 2.3 **018040** 20	PS 2.3 **018040** 20
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
Marking tags	**Print**				
	Consecutive horizontal	FW 6 **046866** 500	FW 6 **046866** 500	FW 6 **046866** 500	FW 6 **046866** 500
	Consecutive vertical	FS 6 **046876** 500	FS 6 **046876** 500	FS 6 **046876** 500	FS 6 **046876** 500

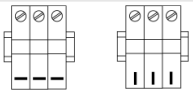
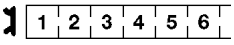
For further accessories see section 3, further marking material see section 8

* Insulation sleeves are to be used with tab connections to maintain the rated voltage.

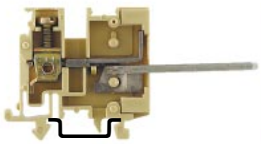
AL 1	AKZ 1.5 L	AKZ 2.5 K	AKZ 4 L	AKZ 4 LL
				
6,5/32/21	5/34,5/25	5/25,9/22,6	6/35,5/30	6/44/30
		–		
	7 mm / M 2,5 / 3,0 x 0,5	7 mm / M 2,5 / 3 x 0,5	9 mm / M 3 / 3,5 x 0,6	
400 V/16 A/1 mm²	250 V/16 A/1,5 mm²	250 V/17,5 A/2,5 mm²	250 V/16 A/4/1,5 mm²	250 V/16 A/1,5 mm²
6 kV/3	4 kV/3	4 kV/3	4 kV/3	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			**033482** 100	
	034016 100	AKZ 2.5 K **069666** 100	**033486** 100	**034646** 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 (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) **034826** 50	TW (0,5) **034826** 50
TW (0,5) **016680** 50	TW (0,5) **016680** 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 mm²	125 V/8 A/1,5 mm²	125 V/8 A/1,5 mm²	125 V/10 A/2,5 mm²
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	mm²	0,5…2,5	0,5…2,5	0,5…2,5	0,5…4
stranded H07V-R	mm²	1,5	1,5	1,5	1,5…2,5
flexible H07V-K	mm²	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	mm²	0,5…1,5	0,5…1,5	0,5…1,5	0,5…2,5
flexible H07V-K and AEH with plastic collar	mm²	0,5…1,5	0,5…1,5	0,5…1,5	0,5…2,5
Max. Clamping Range in mm² / 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/26…10 AWG

Ordering information	**Pin versions**	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	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
Horizontal assembly / 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
Partition (thickness mm)													
	PA										TW (1,5)	**031856**	20
Small partition													
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													
VL													
BS													
VH													
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
PS StB		PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20	PS 2.3	**018040**	20
Marking tags	**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

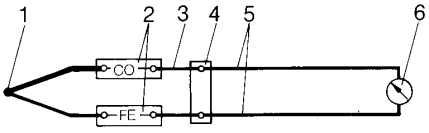
For further accessories see section 3, further marking material see section 8

AKZ 2.5 K	AKZ 2.5 K	AKZ 4 T	AKZ 4 T	AKZ 4 T	AKZ 4 ST
					
5/26/46,7	5/47,5/27	6/27/48,5	6/27/50,5	6/27/57,8	6/27/50,2
0,8 x 1,6	0,8 x 1,6	1 x 1	0,8 x 1,6	0,8 x 2,4	0,8 x 1,6
7 mm/M 2,5/3,0 x 0,5	7 mm/M 2,5/3,0 x 0,5	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	9 mm/M 3/3,5 x 0,6	–
250 V/8 A/2,5 mm²	250 V/8 A/2,5 mm²	250 V/10 A/4 mm²	250 V/10 A/4 mm²	250 V/10 A/4 mm²	250 V/10 A/2,5 mm²
4 kV/3	4 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	0,5…1,0	0,5…1,0	
1	1	2	2	2	
0,5…4	0,5…4	0,5…4	0,5…4	0,5…4	
1,5…2,5	1,5…2,5	1,5…4	1,5…4	1,5…4	
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…4	0,5…4	0,5…4	
0,5…2,5	0,5…2,5	0,5…4	0,5…4	0,5…4	
0.13...4.0 / A3	0.13...4.0 / A3	0.13...4.0 / A3	0.13...4.0 / A3	0.13...4.0 / A3	0.5...2.5 / -
10	10	20	20	20	20
10	10	20	20	20	20
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…10 AWG	300 V/10 A/26…10 AWG	300 V/10 A/24…12 AWG	300 V/10 A/24…12 AWG	300 V/10 A/24…12 AWG	–
Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
AKZ 2.5 K **069546** 100	AKZ 2.5 K **069586** 100				
AKZ 2.5 K **069556** 100	AKZ 2.5 K **069596** 100	AKZ 4 T **044586** 100			AKZ 4 ST **043926** 100
AKZ 2.5 K **069576** 100	AKZ 2.5 K **069606** 100		AKZ 4 T **034416** 100		
AKZ 2.5 K **069566** 100	AKZ 2.5 K **069616** 100		AKZ 4 T **034406** 100		
				AKZ 4 T **036646** 100	
				AKZ 4 T **046166** 100	
AP (2,5) **069726** 50	AP (2,5) **069726** 50	AP (1,5) **029446** 20	AP (1,5) **029446** 20	AP (1,5) **029446** 20	AP (1,5) **029446** 20
TW (1,5) **031856** 20	TW (1,5) **031856** 20	TW (1,5) **034826** 50	TW (1,5) **034826** 50	TW (1,5) **034826** 50	TW (1,5) **034826** 50
		TSch 4 **036336** 100	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 2 **033640** 50	Q 2 **036900** 50
Q 3 **036830** 50	Q 3 **036830** 50	Q 3 **033650** 50	Q 3 **033650** 50	Q 3 **033650** 50	Q 3 **036910** 50
Q 4 **036840** 50	Q 4 **036840** 50	Q 4 **033660** 50	Q 4 **033660** 50	Q 4 **033660** 50	Q 4 **036920** 50
Q 10 **036850** 20	Q 10 **036850** 20	Q 10 **036860** 20	Q 10 **036860** 20	Q 10 **036860** 20	Q 10 **036930** 20
		VL 2 **044670** 50	VL 2 **044670** 50	VL 2 **044670** 50	
		VH 10 **044660** 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	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	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	PS 2.3 **018040** 20	PS 2.3 **018040** 20
FW 5 **047346** 500	FW 5 **047346** 500	FW 6 **046866** 500	FW 6 **046866** 500	FW 6 **046866** 500	FW 6 **046866** 500
FS 5 **047356** 500	FS 5 **047356** 500	FS 6 **046876** 500	FS 6 **046876** 500	FS 6 **046876** 500	FS 6 **046876** 500

Weidmüllers 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.

Dimensions		
Width / length / height (mm) with TS 15		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 mm²
Further technical data		
Tightening torque range	Nm	0,5…1
Torque setting with DMS 2 electric screwdriver		2
Clampable conductor		
solid H07V-U	mm²	0,5…4
stranded H07V-R	mm²	1,5…4
flexible H07V-K	mm²	0,5…4
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…2,5
flexible H07V-K and AEH with plastic collar	mm²	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	Cat. No.	Qty.
for thermocouples	Type J	Fe – CuNi		**162701**	20
according to IEC 584	Type T	Cu – CuNi		**on request**	
(DIN 43710) Type K	NiCr – Ni			**167713**	20
Type E	NiCr – CuNi			**on request**	

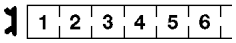
End plate			Cat. No.		
	AP (thickness 1.5 mm)	PA		**029446**	20

Partition					
	TW (thickness 0.5 mm)	PA		**034826**	50

Technical data

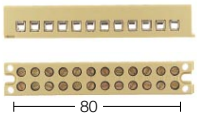
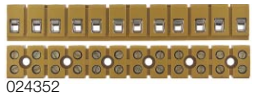
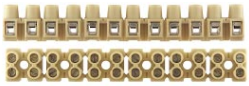
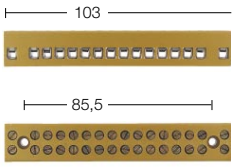
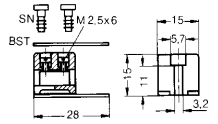
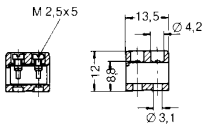
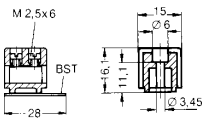
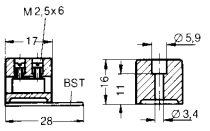
Thermopcouples according to IEC 584 (DIN 43 710)

Busbar
Constantan
Iron

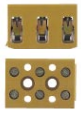
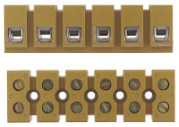
Marking tags	**Print**			
	Consecutive horizontal	FW 6	**046866**	500
	Consecutive vertical	FS 6	**046876**	500

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

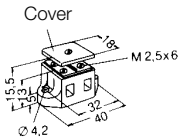
Multipole terminal blocks
Screw connection

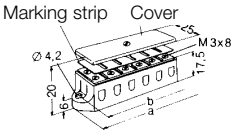
		MK 2/12	MK 10/14	MK 3/12	MK 4/16
				 024352  024356	
Dimensions					
Width / length / height (mm)		86/15/15	88,5/13,5/12	110/15/16,1	103/17/16
Insulation stripping length/clamping screw/screwdriver blade		5 mm/M 2,5/3,5 x 0,6	6 mm/M 2,5/3,5 x 0,6	5 mm/M 2,5/3,5 x 0,6	5 mm/M 2,5/3,5 x 0,6
Rated data VDE 0611 Part 1 / 8.92 / IEC 947-7-1					
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
Rated impulse voltage VDE 0110/1.89/Pollution severity		2,5 kV/3	2,5 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	0,4…0,6
Torque setting with DMS 2 electric screwdriver		1	1	1	1
Clampable conductor					
solid H07V-U	mm^2	0,5…4	0,5…4	0,5…4	0,5…4
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
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
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
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	150 V/25 A/22…12 AWG	300 V/25 A/22…12 AWG	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/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.
	2-pole			MK 3/2 KrG **027382** 100	
	3-pole			MK 3/3 KrG **027392** 50	
	4-pole			MK 3/4 KrG **027402** 50	
	4-pole			MK 3/4 PA **027406** 50	
	6-pole			MK 3/6 KrG **027422** 50	
	6-pole			MK 3/6 PA **027426** 50	
	8-pole			MK 3/8 KrG **027442** 25	
	8-pole				
	10-pole			MK 3/10 KrG **027462** 20	
	12-pole	MK 2/12 PA **024126** 50		MK 3/12 KrG **024352** 20	
	12-pole			MK 3/12 PA **024356** 20	
	14-pole		MK 10/14 PA **037016** 20		
	16-pole		Other numbers of poles on request		MK 4/16 KrG **024422** 20
					
			The MK 10/14 can be mounted with glue or with M 3 x 12 screws through the emtpy terminal point aperture *DIN EN ISO 1207		
Solder tag/expansion rivet					
		MF 2/12 **024176** 50			
		SN **020010** 500			
Marking strips					
	Printed	BSTb 28/12 **024570** 50		BSTb 28/12 **024590** 50	BSTb 28/16 **026220** 50
	1 …	Bottom		BSTb 28/8 **029020** 50	Bottom
		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	

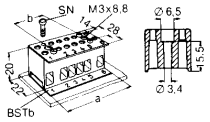
Multipole terminal blocks
Screw/tab connection

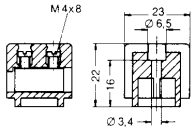
		MK 5/2	KS 2…10	BK 2…12	MK 6/2…6/6
					 062012 KRG 062016 PA
Dimensions					
Width / length / height (mm)		40/18/15,5	See table below	See table below	See table below
				–	–
Insulation stripping length/clamping screw/screwdriver blade		5 mm/M 2,5/3,5 x 0,6	8 mm/M 3/4,0 x 0,8	8 mm/M 3/4,0 x 0,8	9 mm/M 4/4,0 x 0,8
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/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/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												
Cover D 2 (for MK 5/2)	8-pole												
	10-pole				KS 10 KrG[2])	**014162**	20						
	12-pole	Cover			Cover			BK 12 KrG	**019892**	50			
Cover D 4 (for KS 4)	12-pole	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						







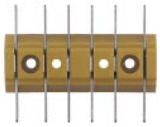
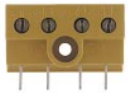
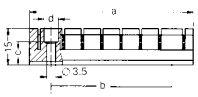
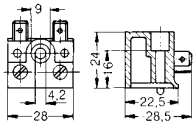
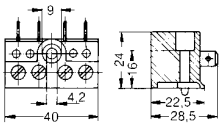
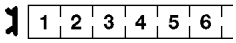


	Dimensions			Dimensions			Dimens. Length/attachment dim		
	Type	a	b	Type	a	b	Type	KRG	PA
	KS 2	42	32	BK 2	20	–	MK 6/2	23,5	
	KS 4	66	56	BK 3	31	11	MK 6/3	36,5	13
	KS 6	90	80	BK 4	38	18	MK 6/4	49,5	26 26
	KS 10	138	128	BK 6	52	32	MK 6/6	75,5	25 52
				BK 12	92	72,5			

Expansion rivet									
				SN	**020010**	500			
Marking strips									
Printed		ELSb 2	**014320**	50	BSTb 28/2	**020360**	50	BSTb 28/6	**030460** 50
1 ...		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.

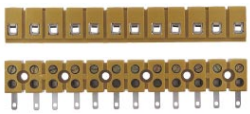
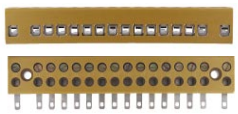
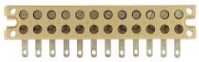
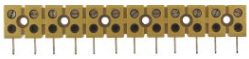
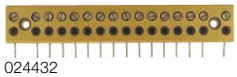
		MDM 10/1	MF 1/6…1/12	SLS 2/2	SLS 2/4
					
Max. Technical Data		63 A / 10 mm²			
Dimensions					
Width / length / height (mm)		10/45/34,5	See table below	See below	
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 4/5,5 x 1,0	–	8 mm/M 3,5/4,0 x 0,8	
VDE rated data, VDE 0611 Part 1/8.92/IEC 947-7-1					
Rated voltage/rated current/rated cross-section		800 V/57 A/10 mm²	400 V/16 A/2,5/1 mm²	400 V/16 A/4 mm²	
Rated impulse voltage VDE 0110/1.89/Pollution severity		8 kV/3	6 kV/3	6 kV/3	
Further technical data					
Tightening torque range	Nm	1,2…2,4		0,8…1,6	
Torque setting with DMS 2 electric screwdriver		4		3	
Clampable conductor					
solid H07V-U	mm²	1,5…16	–	0,5…4	
stranded H07V-R	mm²	1,5…10		1,5…4	
flexible H07V-K	mm²	1,5…10		0,5…4	
flexible H07V-K and AEH DIN 46 228/1	mm²	1,5…10		0,5…4	
flexible H07V-K and AEH with plastic collar	mm²	1,5…10		0,5…4	
Max. Clamping Range in mm² / Gauge pin to IEC 947-1/1988	Size	1.5...16 / B 6		0.33...4.0 / A 3	
Continuous current rating of cross-connection 2-pole	A	47			
Continuous current rating of cross-connection multipole	A	36			
UL / CSA rated data					
Voltage / current / conductor size	UL	600 V/65 A/22…6 AWG	300 V/10 A/24…12 AWG		
Voltage / current / conductor size	CSA	600 V/55 A/22…6 AWG	300 V/10 A/22…10 AWG	Screw/plug 6,3 x 0,8	
Ordering data		Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	
	PA	MDM 10/1 **912616** 50	MF 1/6 KrG[2]) **047972** 100	SLS 2/2 KrG **021342** 100	
		Direct mounting with an MB left and MB right	MF 1/6 KrG[3]) **048002** 100		
			MF 1/8 KrG[2]) **047982** 50	SLS 2/4 KrG **024042** 50	
			MF 1/8 KrG[3]) **048012** 50	SLS 2/4 KrG **048032** 50	
			MF 1/12 KrG[2]) **047992** 50	Slotted	
			MF 1/12 KrG[3]) **048022** 50		
Attachment bracket					
		MB left **912526** 20			
		MB right **912536** 20			
		BS M 4 x 20 **036280** 100			
		SS M 4 **013640** 100			
Small partition					
		TSch 1 **031916** 100			
Cross-connection					
Q 3		Q 2 **045710** 50			
		Q 3 **045720** 50			
		Q 4 **045730** 50			
		Q 10 **045740** 20	Dimensions		
Switchable cross-connection link			Type / a / b / c / d		
		VL 2 **013590** 50	MF 1/6 52 34 9,5 6,5		
		VH 19 **028510** 50	MF 1/8 68 50 9,5 6,5		
		BS M 3 x 25 **029250** 100	MF 1/12 113+0,5 102 8 7,5		
VL BS VH					
Test plug/Socket/Insulation sleeve					
PS StB IH		StB 14 **016990** 50	IH 2.8 **038606** 100	IH 2.8 **038606** 100	
		PS 4 **029960** 20	IH 6.3 **038626** 100	IH 6.3 **038626** 100	
			SN **020010** 500		
Cover/marking strips					
		AD 4 **017860** 50	BSTb 10/6 **024090** 50		
		BSK M 3 x 22 **012890** 100	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		
Marking material					
	Consecutive horizontal	FW 6 **046866** 500			
	Consecutive vertical	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.

[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 mm^2	63 V/17,5 A/1,5/1 mm^2	400 V*/20 A/2,5/1,5/1 mm^2	400 V/20 A/2,5/1,5/1 mm^2
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	mm^2	0,5…2,5		0,5…4	0,5…4
stranded H07V-R	mm^2	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
flexible H07V-K and AEH DIN 46 228/1	mm^2	0,5…2,5		0,5…1,5	0,5…1,5
flexible H07V-K and AEH with plastic collar	mm^2	0,5…2,5		0,5…1,5	0,5…1,5
Max. Clamping Range in mm^2 / 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**	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
Horizontal	2-pole			MKL 3/2 KrG **027492**** 100	
Other numbers of poles available on request	4-pole			MKL 3/4 KrG **027512**** 100	
	6-pole			MKL 3/6 KrG **027532**** 50	
	12-pole	MKL 2/12 PA **024136** 50		MKL 3/12 KrG **024362**** 20	
	16-pole				MKL 4/16 KrG **026202**[1]) 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		MF 2/12 PA **024186** 50		
	single-sided 0.8 x 1.6/2.8 x 0.8		MF 2/12 PA **024176** 50		
Expansion rivet/insulating sleeve					
		SN **020010** 500			
IH			IH 2.8 **038606** 100		
Marking strips					
	Printed	BSTb 28/12 **024570** 50		BSTb 28/4 **028980** 50	BSTb 28/16 **026220** 50
	1 ...	Bottom		BSTb 28/6 **029000** 50	unten
		Top **027850** 50		BSTb 28/12 **024590** 50	oben **027870** 50
	unbedruckt	BSTo 28/12 **024560** 50		BSTo 28/4 **028930** 50	BSTo 28/16 **026210** 50
				BSTo 28/6 **028950** 50	
				BSTo 28/12 **024580** 50	

* For terminals mounted directly next to each other, the rated voltage is reduced to 250 V.

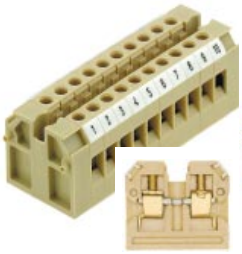
** Rated voltage 250 V. For terminals mounted directly next to each other, the rated voltage is reduced to 125 V.

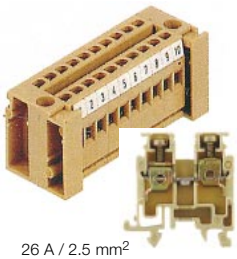
For further accessories see section 3, further marking material see section 8

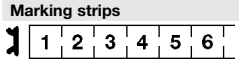
* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

[1]) Rated voltage 250 V

Multipole terminal blocks
Screw, solder, tab connection
Modular design





		AKB 4			AKZ 2.5			ASK 1		
Max. Technical Data		32 A / 4 mm²			26 A / 2.5 mm²					
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 mm²			250 V/24 A/2,5 mm²			500 V/6,3 A*/4 mm²		
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	mm²	0,5…4			0,5…4			0,5…4		
stranded H07V-R	mm²	1,5…4			1,5…2,5			1,5…4		
flexible H07V-K	mm²	0,5…4			0,5…2,5			0,5…4		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…4			0,5…2,5			0,5…2,5		
flexible H07V-K and AEH with plastic collar	mm²	0,5…4			0,5…2,5			0,5…2,5		
Max. Clamping Range in mm² / 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								
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		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	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		BB 1 (7)	**032056**	50	BB 4 (7,5)	**069756**	50			
	PA	BS M 3 x 15	**035900**	100						
	Blue PA				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				Zur Befestigung der ASK 1 Schrauben M 3 x ... DIN EN. ISO 1207 oder M 3 x ... DIN EN, ISO 1580 verwenden		
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										
contact sleeve		AD 4	**030340**	50						
		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

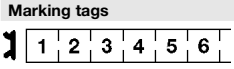
[1]) The conductor cross-section is reduced to max. 2.5 mm² when QB is used

* 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

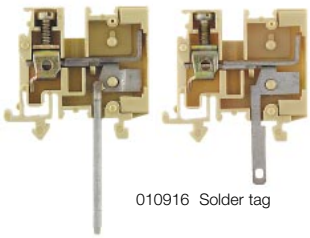
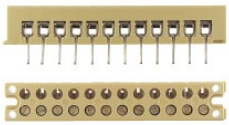
		AKA 2.5	ADK 1	ADK 1 F ADK 3 F	ADK 1 S
Dimensions					
Width / length / height incl. pins (mm)		6/20/31	6/22/36,5	6/22/36,5	6/22/36,5
Length solder tag/pin (mm)		7,8	8,4	8,5/7,5	8,4
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 2,5/3,5 x 0,6	9 mm/M 3,5/3,5 x 0,6	11 mm/M 2,5/3,5 x 0,6	–
Rated data					
Rated voltage/rated current/rated cross-section		400 V/20 A/2,5/1,5 mm²	400 V/16 A/4/1,5 mm²	400 V/20 A/2,5/1,5 mm²	400 V/16 A/2,5/1,5/1 mm²
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	mm²	0,5…2,5	0,5…4	0,5…2,5	–
stranded H07V-R	mm²	1,5…2,5	1,5…4	1,5…2,5	
flexible H07V-K	mm²	0,5…2,5	0,5…4	0,5…2,5	
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…1,5	0,5…2,5	0,5…1,5	
flexible H07V-K and AEH with plastic collar	mm²	0,5…1,5	0,5…2,5	0,5…1,5	–
Max. Clamping Range in mm² / 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				
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				**030386**	100	**030106**	100	**047606**	100	**047866**	100				
	KrG		**030072**	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															

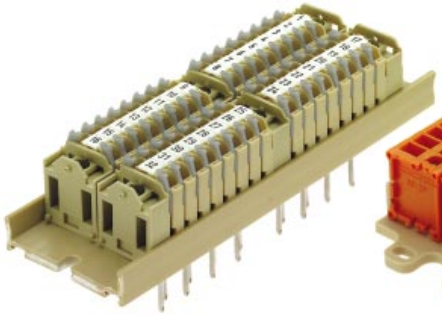
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
End plate (thickness mm)													
	KrG	AP (3)	**016252**	100									
	PA				AP (3)	**047626**	50	AP (3)	**047626**	50	AP (3)	**047626**	50
	EP							AP (3)	**036000**	20			
Spacer (thickness mm)													
	KrG	ZP (1,5)	**024072**	50									
	KrG	ZP (2,5)	**028852**	20									
Partition (thickness mm)													
TW					TW (0,5)	**044230**	50	TW (0,5)	**044230**	50	TW (0,5)	**044230**	50
Test plug/Socket													
PS StB					PS 2.3	**018040**	20						
Fuse pin/insulation sleeve/expansion rivet													
		SST 1.2	**030660**	–	SST 1.2	**030660**	–	SST 1.2	**030660**	–	SST 1.2	**030660**	–
IH					IH 2.8	**038606**	100	IH 2.8	**038606**	100	IH 2.8	**038606**	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**	500
	Consecutive vertical	FS 6	**046876**	500	FS 6	**046876**	500	FS 6	**046876**	500	FS 6	**046876**	500

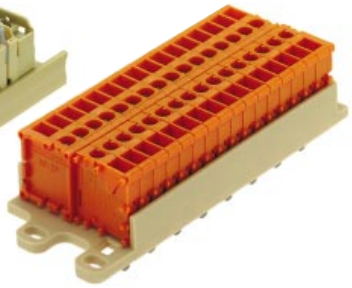
For further accessories see section 3, further marking material see section 8

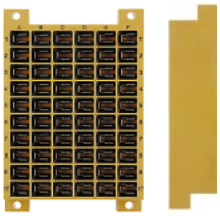
* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

ADK 3 W	ADK 1 T	AKZ 2.5 K	ADK 1 FT	MK 2/12
		 010916 Solder tag		
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 mm²	400 V/8 A/4 mm²	250 V/8 A/2,5 mm²	250 V/10 A/2,5 mm²	63 V/20 A/2,5/1,5 mm²
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 100		
	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) **047626** 50	AP (3) **069726** 50	AP (3) **047626** 50	
AP (3) **036000** 20				
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		
		StB 8.5 **021570** 50		
SST 1.2 **030660** –	SST 1.2 **030660** –		SST 1.2 **030660** –	
IH 2.8 **038606** 100		IH 2.8 **038606** 100		
				SN **020010** 500
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 FF[2] SP 10 LF[3]	SP 60 FF[2] SP 60 LF[3]
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 mm²	250* V/6 A/1,5/1 mm²	1000* V/16 A/2,5/1,5 mm²	400* V/16 A/2,5/1,5 mm²
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	mm²	0,5…2,5	0,5…2,5		
stranded H07V-R	mm²	1,5	1,5		
flexible H07V-K	mm²	0,5…1,5	0,5…1,5		
flexible H07V-K and AEH DIN 46 228/1	mm²	0,5…1,5	0,5…1,5		
flexible H07V-K and AEH with plastic collar	mm²	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	**044316**[1]	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**											
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 FF [2]
SP 90 LF [3]

40/45,5/228,5/110
217/90

400* V/16 A/2,5/1,5 mm^2
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.

RV 8/8 long	Cat. No.	Qty.
125 V/–/–		
	046886	1
	046896	1

Plug adapter	Type	Cat. No.	Qty.
1-pole	DSA 1	**057606**	50

RV 8/8 short	Cat. No.	Qty.
125 V/–/–		
	046716	1
	046726	1

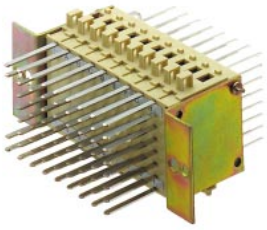
Plug adapter	Type	Cat. No.	Qty.
	DSA 1	**057606**	50

RV 8/9 long	Cat. No.	Qty.
105 V/–/–		
	049896	1
	049906	1
With shield pins		

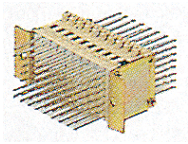
Plug adapter	Type	Cat. No.	Qty.
	DSA 1	**057606**	50

RV 8/9 short	Cat. No.	Qty.
125 V/–/–		
	044406	1
	054596	1
With shield pins		

Plug adapter	Type	Cat. No.	Qty.
	DSA 1	**057606**	50

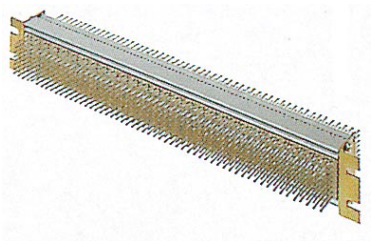


RV 4/9 short



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.

RV 4/9 short	Cat. No.	Qty.
125 V~/–/–		
	137896	1
	138296	1
With potential compensation		

Plug adapter	Type	Cat. No.	Qty.
1-pole	DSA 1	**057606**	50
8-pole	DSA 1/8	**014076**	40

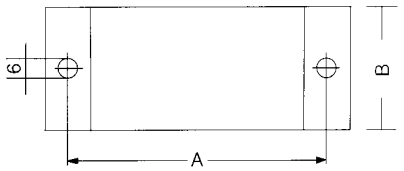
RV 8/20 short	Cat. No.	Qty.
125 V~/–/–		
	011936	1
	054446	1

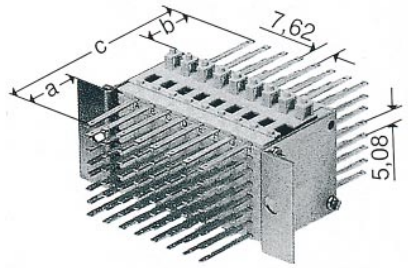
Plug adapter	Type	Cat. No.	Qty.

RV 8/56 short	Cat. No.	Qty.
125 V~/–/–		
	046226	1
	053306	1

Plug adapter	Type	Cat. No.	Qty.

Additional versions available on request





Type	Size A in mm	Size B 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