With accessories to the system

You decided to use terminals made by Weidmüller. Now you can choose out of a large accessory portfolio.

SIHA fuse holder

The SIHA fuse holder turns your disconnect test terminal into a fuse terminal within seconds.
Just remove the disconnect lever, and plug-in the fuse connector – ready!

Cross-connections

Cross-connections are used to make potential distribution simple. You can cross connect terminal blocks that are direct neighbouring, but you can also skip one or more terminals.

Test plugs

Test plugs and test adapters are used for final testing of completed wired terminal strips. These products are also helpful for practical tests during operation.

Tools

As one of the leading manufacturers, Weidmüller produce professional hand-tools and machines for cable preparation for electricians and electronic technicians.

Our product range includes precision tools for:

- Cutting
- Stripping
- Crimping
- Screwdriving and testing as well as
- Customized solutions

Mounting rails, shaped rails, end brackets

Active and passive components as well as intelligent modules are installed on mounting rails. This method has been used successfully for years. To complete the installation, however, a number of seemingly insignificant items are necessary.

In this chapter you will find various mounting rails and shaped rails for use in installing components, as well as end brackets for holding components in position and blanking off the last terminal.

These apparently trivial items ensure that components are seated firmly and insulated. Weidmüller supplies components which are totally co-ordinated in their functionality.

Terminal markers

If you wish to avoid confusion with cables, terminals and equipment in an installation, all operational material must be marked clearly and visibly.

DIN/EN 60204 Part 1 and VDE 0133 regulations on marking equipment and machinery stipulate comprehensive marking. Electrical conductors must also be clearly identificable at every point of connection and in accordance with the technical documentation, e.g. wiring diagram.

There are two methods of achieving this:

- marking based on a system of colour codes or
- marking with the number of the connection.

Our ready-to-use markers are pre-printed with the majority of commonly used numbers, letters and symbols used by electricians and fitters. Good legibility, sturdy and lasting print and easy availability are just some of the welcome features. We can also print “just-in-time” from your CAD data or from your lists. Depending on the material used for the markers, we will plot, print or enscribe using high-quality laser print. Custom-printed markers are easy to use, incur no storage costs and make best use of the material.

Weidmüller supplies almost all marking materials as blank markers for the customer to enscribe on-site. To complement these blank markers we offer a complete range of hardware and software for on-site machine-assisted marking that deliver professional and quickly produced results. This chapter is subdivided in line with common working practices in:

- ready-to-use markers with standard or custom printing
- blank markers for inscription on-site.

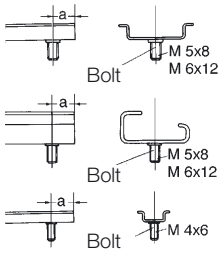
Mounting rails

The mounting rail can also be used as a protective busbar. Weidmüller protective conductor terminals of the W, Z, I, AKZ and SAK series meet the requirements specified in IEC 60947-7-2. In accordance with VDE 0100 Part 540, at conductor cross-sections of 10 mm² and more, protective conductor and neutral conductor can be combined into one line with the symbol PEN. If mounting rail is used as a PEN busbar, the following criteria must be observed:

- Only E-Cu or aluminium profiles may be used
- The short-circuit currents and the rated terminal currents must be observed
- The mounting rails must be insulated for the protective measure, "protective insulation".

Depending on the various applications, the mounting rails are made of steel, aluminium or copper. All steel versions are electroplated and additionally passivated with a yellow chromate coating. All mounting rails are available in pieces of 1 and 2 m length. All non-slotted mounting rails can be provided with fixing holes (please state dimensions b and l2). Additionally, all non-slotted steel rails can be supplied with welded steel bolts (please state dimensions "a" and the desired bolt).

TS 35
TS 32
TS 15



TS 35 x 7.5
Steel, stainless steel

TS 35 x 7.5
Aluminium

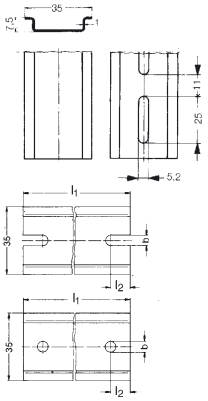
TS 35 x 15
Steel

TS 35 x 15/2.3
Steel

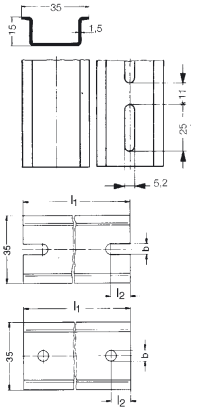
TS 35 x 7.5
Steel
slotted

TS 35 x 15
Steel slotted

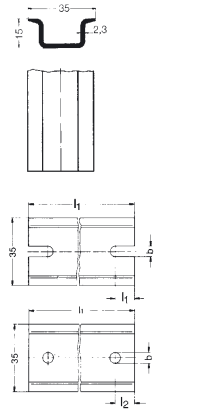
TS 35 x 15/2.3
Copper



Fixing holes
b iaw. specs (ø 3.5/4.5/5.5/7)
l2 iaw. specs
l1 to 2 m



Fixing holes
for TS 35 x 15, Steel
b iaw. specs
(ø 3.5/4.5/5.5/7)
l2 iaw. specs
l1 to 3 m



Fixing holes
b iaw. specs
(ø 3.5/4.5/5.5/7)
l2 iaw. specs
l1 to 3 m

Ordering data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Stainless steel X5 CrNi 18-10 , l = 2 m	TS 35 x 7.5	**1747350000**	10 m						
Steel, l = 2 m	TS 35 x 7.5	**0383400000**	10 m	TS 35 x 15	**0236400000**	10m	TS 35 x 15	**0498000000**	10m
Steel, l = 1 m							TS 35 x 15	**0498010000**	10m
Steel slotted, l = 2 m	TS 35 x 7.5	**0514500000**	10 m	TS 35 x 15	**0236500000**	10m			
Steel slotted, zinc-plated, l = 2 m	TS 35 x 7.5	**7915060000**	10 m	TS 35 x 15	**7907490000**	10m			
Steel slotted, l = 1 m	TS 35 x 7.5	**0514510000**	10 m	TS 35 x 15	**0236510000**	10m			
Alu, l = 2 m	TS 35 x 7.5	**0330800000**	10 m						
Alu slotted									
Cu							TS 35 x 15	**0270100000**	10m*
PVC grey									

Technical data	Steel	Alu	Steel	Steel	Copper
Material	St 2 zinc-plated	AL blank	St 2 zinc-plated	St 2 zinc-plated	Cu, blank
Standard	DIN EN 50022	DIN EN 50022		DIN EN 50022	
Short-circuit proof ≙ E-Cu-conductor (IEC 60 947-7-1)	16 mm²	35 mm²	25 mm²	50 mm²	150 mm²
Max. permissible rated current for PEN function		125 A			309 A

End bracket									
	EW 35	**0383560000**	50	EW 35	**0383560000**	50	EW 35	**0383560000**	50
	WEW 35/1	**1059000000**	50	WEW 35/1	**1059000000**	50	WEW 35/1	**1059000000**	50
	WEW 35/2	**1061200000**	50	WEW 35/2	**1061200000**	50	WEW 35/2	**1061200000**	50
For slotted TS 32 rail									

Mounting rails support									
(M 5 thread)	TSTW 5	**0178100000**	10	TSTW 5	**0178100000**	10	TSTW 5	**0178100000**	10
(M 6 thread)	TSTW 6	**0164000000**	10	TSTW 6	**0164000000**	10	TSTW 6	**0164000000**	10
(M 6 thread)	TST 2	**0101700000**	10	TST 2	**0101700000**	10	TST 2	**0101700000**	10

Fixing screw									
With hexagon socket for TSTW and TST	FKSC M 6 x 12	**0353500000**	50	FKSC M 6 x 12	**0353500000**	50	FKSC M 6 x 12	**0353500000**	50
	FKSC M 6 x 8	**0642600000**	50	FKSC M 6 x 8	**0642600000**	50	FKSC M 6 x 8	**0642600000**	50
	FKSC M 5 x 8	**0295900000**	50	FKSC M 5 x 8	**0295900000**	50	FKSC M 5 x 8	**0295900000**	50

Mounting foot									
Steel with M 4 thread	FM 4	**0687900000**	40	FM 4	**0687900000**	40	FM 4	**0687900000**	40
PA 66 orange	Mounting foot	**0646260000**	20	Mounting foot	**0646260000**	20			
With M 3 and M 5 thread (cream)									

Support block									
	SH 2	**0494920000**	10	SH 2	**0494920000**	10	SH 2	**0494920000**	10

Locking pin									
Locking pin, CuNi (length as desired)									
Locking pin, brass (length as desired)									

* Available in length of 1 or 2 m

Mounting rails

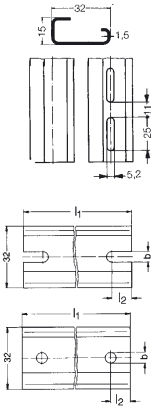
TSK 35 x 15
PVC

Fixing holes
on request

Type	Cat. No.	Qty.
TSK 35 x 15	**0514300000**	10 m*
Plastic		
PVC		
EW 35	**0383560000**	50
WEW 35/1	**1059000000**	50
WEW 35/2	**1061200000**	50
TSTW 5	**0178100000**	10
TSTW 6	**0164000000**	10
TST 2	**0101700000**	10
FKSC M6x12	**0353500000**	50
FKSC M6x8	**0642600000**	50
FKSC M5x8	**0295900000**	50
SH 2	**0494920000**	10

TS 32
Stainless steel
Steel

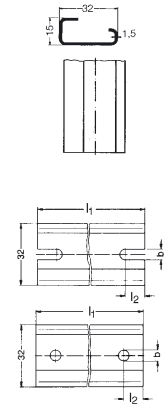
TS 32
Steel slotted



Fixing holes
b iaw. specs
(ø 4.5/5.5/7)
l2 iaw. specs, max. 15
l1 to 3 m

Type	Cat. No.	Qty.
TS 32	**0293220000**	10 m
TS 32	**0122800000**	10 m
TS 32	**0514400000**	10 m
TS 32	**0514410000**	10 m
Steel		
St 2 zinc-plated		
DIN EN 50 035		
35 mm²		
--		
EWK 1	**0206160000**	50
EWK 2	**0199360000**	50
EWK 1	**0495160000**	50
TSTW 5	**0178100000**	10
TSTW 6	**0164000000**	10
TST 2	**0101700000**	10
FKSC M6x12	**0353500000**	50
FKSC M6x8	**0642600000**	50
FKSC M5x8	**0295900000**	50
MB 3/5	**0503500000**	20
MB 6/4	**0334900000**	20
MB 5/3	**0553400000**	20
SH 2	**0494920000**	10
SST 3	**0152700000**	–
SST 3 Ms	**0169400000**	–

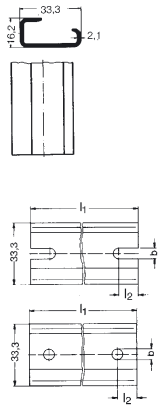
TS 32
Aluminium



Fixing holes
b iaw. specs
(ø 4.5/5.5/7)
l2 iaw. specs, max. 15
l1 to 2 m

Type	Cat. No.	Qty.
TS 32	**0169300000**	10 m*
Alu		
AL blank		
70 mm²		
192 A		
EWK 1	**0206160000**	50
EWK 2	**0199360000**	50
TSTW 5	**0178100000**	10
TSTW 6	**0164000000**	10
TST 2	**0101700000**	10
FKSC M6x12	**0353500000**	50
FKSC M6x8	**0642600000**	50
FKSC M5x8	**0295900000**	50
MB 3/5	**0503500000**	20
MB 6/4	**0334900000**	20
MB 5/3	**0553400000**	20
SH 2	**0494920000**	10
SST 3	**0152700000**	–
SST 3 Ms	**0169400000**	–

TS 32
Copper

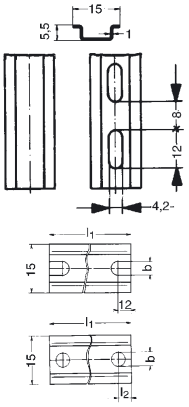


Fixing holes
b iaw. specs
(ø 4.5/5.5/7)
l2 iaw. specs, max. 15
l1 to 2 m

Type	Cat. No.	Qty.
TS 32	**0364300000**	10 m*
reinforced material		
Copper		
Cu, blank		
–		
120 mm²		
269 A		
EWK 1	**0206160000**	50
EWK 2	**0199360000**	50
TSTW 5	**0178100000**	10
TSTW 6	**0164000000**	10
TST 2	**0101700000**	10
FKSC M6x12	**0353500000**	50
FKSC M6x8	**0642600000**	50
FKSC M5x8	**0295900000**	50
MB 3/5	**0503500000**	20
MB 6/4	**0334900000**	20
MB 5/3	**0553400000**	20
SH 2	**0494920000**	10
SST 3	**0152700000**	–
SST 3 Ms	**0169400000**	–

TS 15
Steel

TS 15
Steel slotted

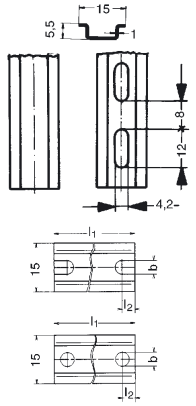


Fixing holes
b iaw. specs
(ø 4.3)
l2 iaw. specs
l1 to 2 m

Type	Cat. No.	Qty.
TS 15	**0514200000**	10 m
TS 15	**0514210000**	10 m
TS 15	**0117500000**	10 m
TS 15	**0117510000**	10 m
Steel	Steel slotted	
St 2 zinc-plated	St 2 zinc-plated	
DIN EN 50 045	DIN EN 50 045	
10 mm²	6 mm²	
EW 15	**0382860000**	50
EW 15/2	**1071900000**	50
BS M 4 x 6	**0136300000**	50
FKSC M4x6	**1567480000**	100
SH 1	**0299860000**	20
SST 1.2	**0306600000**	–
SST 1.2 Ms	**0308200000**	–

TS 15
Aluminium

TS 15
Aluminium slotted



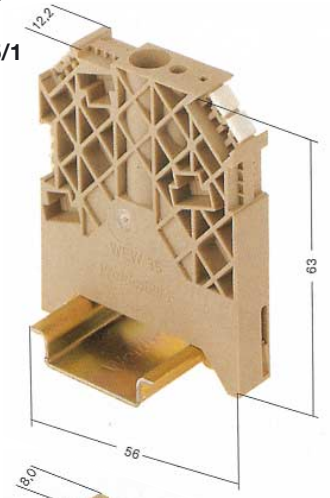
Fixing holes
b iaw. specs
(ø 4.3)
l2 iaw. specs
l1 to 2 m

Type	Cat. No.	Qty.
TS 15	**0134700000**	10 m*
TS 15	**0217900000**	10 m*
Alu		
AL blank		
16 mm²		
76 A		
EW 15	**0382860000**	50
EW 15/2	**1071900000**	50
BS M 4 x 6	**0136300000**	50
FKSC M4x6	**1567480000**	100
SH 1	**0299860000**	20
SST 1.2	**0306600000**	–
SST 1.2 Ms	**0308200000**	–

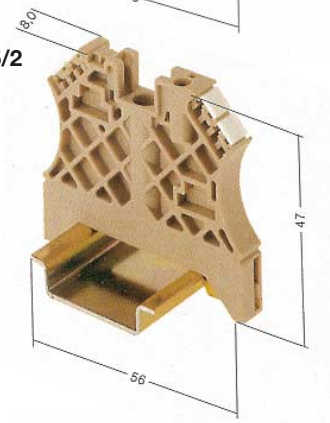
End brackets

End bracket
for TS 35

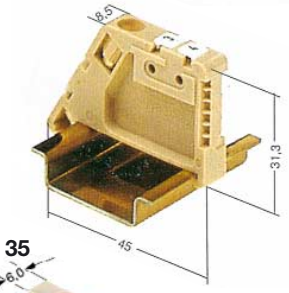
WEW 35/1



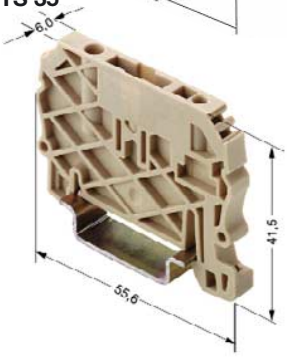
WEW 35/2



EW 35

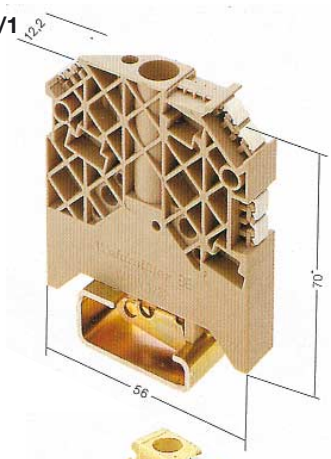


ZEW TS 35

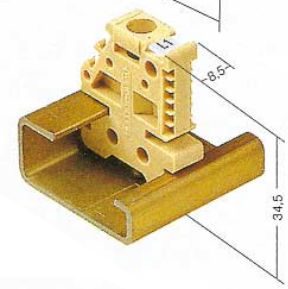


End bracket
for TS 32

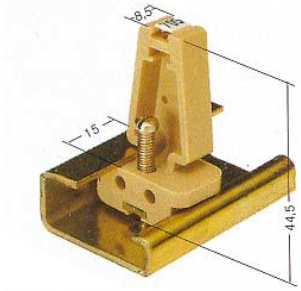
WEW 32/1



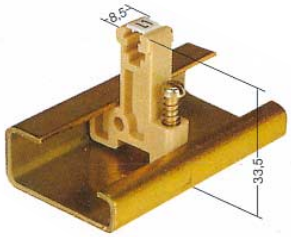
EWK 1



EWK 2

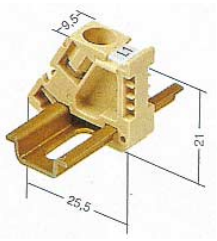


EWK for slotted TS 32

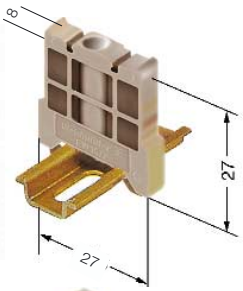


End bracket
for TS 15

EW 15



EW 15/2



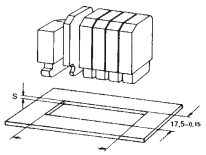
ZEW 15
on TS 15

End bracket
for cut-out

EWK 7.5

Mounting cut-out

Material thickness:
S = 1.5–0.3
S = 2.5–0.3

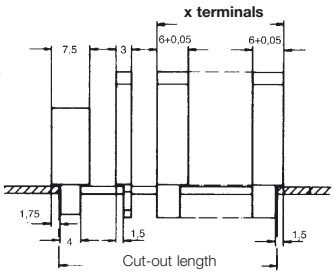


Cut-out length

Cut-out:

Example A
10 terminals with AP
10 x 6.1 mm
= 61.0 mm

Example B
10 terminals with AP
and EWK
10 x 6.1 mm + 7.5 mm
= 68.5 mm



The end brackets are fitted at both ends of a terminal strip, preventing undesired displacement and ensuring absolutely secure terminal positioning. End brackets can also accept marking tags and thus serve as group markings.
End brackets WEW 35/1 and WEW 35/2 can also be used as busbar support blocks.
EK, WPE and AKE earth terminals can also be used as end brackets.

Type	Cat. No.	Nominal torque	Qty.
WEW 35/1	**1059000000***	1.2 Nm	100
WEW 35/2	**1061200000***	0.5 Nm	100
EW 35	**0383560000**	0.5 Nm	50
ZEW 15	**7920340000**	–	20
ZEW 35 /6 mm	**9540000000**	–	20
ZEW 35/2 /8 mm	**8630740000**	–	20
Accessories			

* as busbar support

Type	Cat. No.	Nominal torque	Qty.
WEW 32/1	**1067600000***	0.5 Nm	100
EWK 1	**0206160000**	1.2 Nm	50
EWK 2	**0199360000**	1.2 Nm	50
EWK for TS 32 slotted	**0495160000**	0.6 Nm	50
Accessories			
SST 3, locking pin, CuNi	**0152700000****		2 m
SST 3 Ms, locking pin, brass	**0169400000****		2 m

* as busbar support

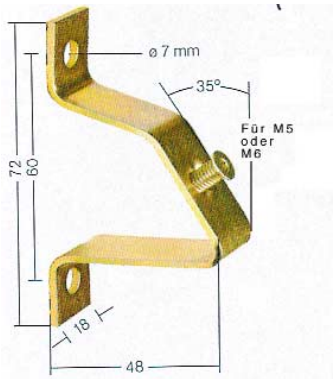
Type	Cat. No.	Nominal torque	Qty.
EW 15	**0382860000**	0.4 Nm	50
EW 15 / 2	**1071900000**	0.4 Nm	50
EWK 7.5	**0348660000**	0.4 Nm	50
Accessories			
SST 1.2, Locking pin, CuNi	**0306600000****		1 m
SST 1.2 Ms, Locking pin, brass	**0308200000****		1 m

**not for EWK 7.5 + EW 15/2

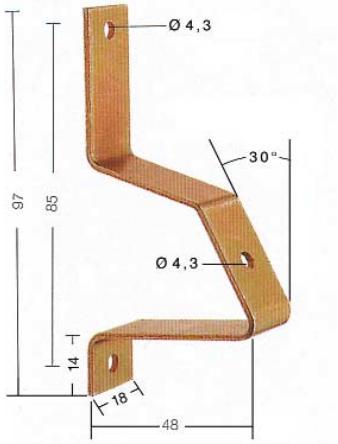
Mounting rail support

TSTW, TST
Material thickness 1.8 mm

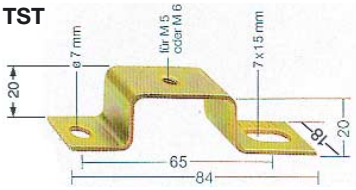
TSTW



TSTW



TST



TSTW mounting rail supports allow for sloped fitting of mounting rails at an angle of 35°. Three designs are available with M5, M6 threads or with a bore of Ø 4.3 mm.

The **TST** mounting rail support allows rails to be fitted into frames or above a cut-out. This design has an M5 or M6 thread (not shown).

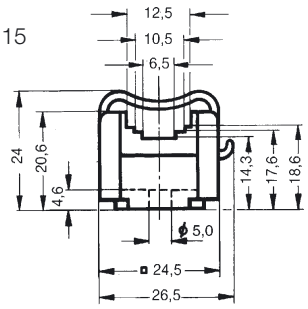
Weidmüller offers hexagon socket fixing screws for the mounting rail supports with a particularly low head allowing terminals also to be fitted above the screw.

Type	Cat. No.	Qty.
TSTW (M 5)	**0178100000**	10
TSTW (M 6)	**0164000000**	10
TSTW ø 4.3	**1610110000**	10
TST (M 6)	**0101700000**	10
TST (M 5)	**1286600000**	10
TSTW (M 5), zinc-plated	**1779100000**	10
Fixing screw		
FKSC M 5x8 ø 9 hexagon socket SW 2.5	**0295900000**	50
FKSC M 6x8 ø 9 hexagon socket SW 3	**0642600000**	50
FKSC M 6x12 ø 9 hexagon socket SW 3	**0353500000**	50

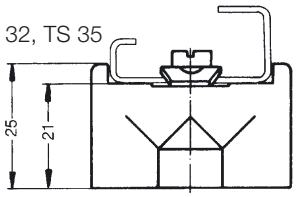
Support block

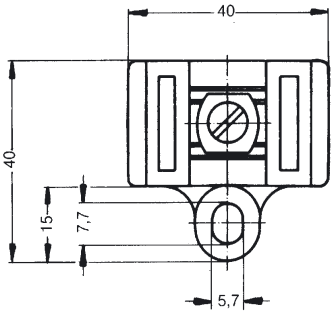
Support block for TS 15, TS 32, TS 35 and **busbars**

SH 1
for TS 15



SH 2
for TS 32, TS 35





The SH 1 and SH 2 support blocks enable construction of insulated mounting rails.

SH 2

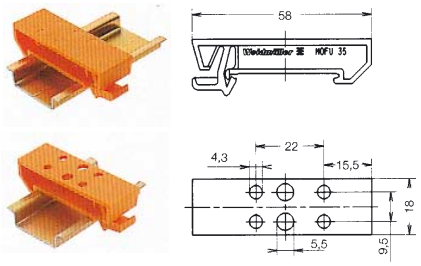
Type	Cat. No.	Qty.
SH 1 for TS 15 in PA (thermoplastics) compl.	**0299860000**	20
SH 1 Base	**0401460000**	20
SH 1 Bracket	**0635960000**	500

Type	Cat. No.	Qty.
SH 2 for TS 32/35 in KrG (thermosetting)	**0494920000**	10

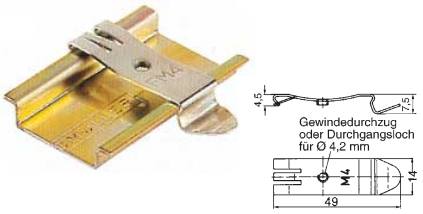
Mounting bases

Mounting bases for TS 32 and TS 35

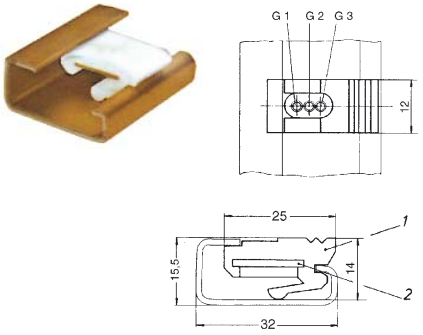
MOFU



FM



MB



Mounting bases are used to fix components onto mounting rails. Weidmüller offers a polyamide mounting base and a steel snap-on base for the TS 35 mounting rail. The FM 4 snap on base fits all "top-hat" mounting rails. The PA mounting base fits the TS 35 x 7.5 and the TS 35 x 15 slotted rails.

The sliding nut for TS 32 mounting rails has 2 tapped holes for M 3 + M 5 / M 6 + M 4 / M 5 + M 3 screws. It is used to fix components which cannot be directly mounted on the TS 32 and, in particular, to accept the smaller TS 15 "top-hat" rail. In this way, for example, small terminals can first be mounted on the TS 15 and this rail can then be mounted on the TS 32 with the aid of the sliding nut together with the terminals.

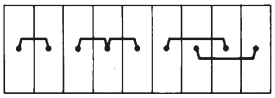
Type	Cat. No.	Qty.
FM 4 (M 4) for TS 35	**0687900000**	40
FM 5 (M 5) for TS 35	**0636800000**	40
FM 6 (M 6) for TS 35	**0636900000**	40
FM (Ø 4.2) for TS 35	**1724580000**	40
MOFU mounting foot PA orange for TS 35 x 7.5 u. 35 x 15 gel.	**0646260000** with bore **0495660000** without bore	20 20
MB 3/5 (cream) with thread M 3 and M 5, for TS 32	**0503500000**	20
MB 6/4 (grey) with thread M 6 and M 4, for TS 32	**0334900000**	20
MB 5/3 (black) with thread M 5 and M 3, for TS 32	**0553400000**	20

WQV

- Pre-assembled units 2-, 3-, 4- and 10-pole.
- Captive fixing screws. Screwdriver guidance due to counter sunk arrangement.
- Engageable in terminal support – simple overhead assembly
- Offset arrangement in terminal support – parallel use of two potentials possible.
- No end plates or partitions for neighbouring cross-connections up to 400 V.
- The full terminal rated current can be fed across all numbers of poles.

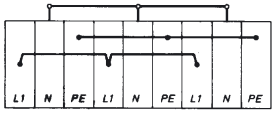
The insulated cross-connection units guarantee absolute finger and back-of-hand safety in conjunction with the W series terminal blocks, in accordance with the Accident Prevention Regulations, Electrical Installations and Equipment (VBG 4) and VDE 0106 Part 100/3.83.

Arrangement of two potentials



Simple Parallel

The WQV cross-connection system cannot only be used for feed-through terminals, but also when these are combined with protective conductor terminals and N-disconnect terminals. Highly economical terminal strips can be assembled in this way.



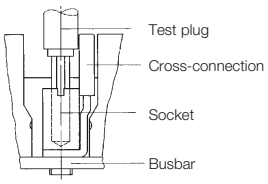
The individual cross-connection bridges can be easily broken off by bending once, after removing the screw. The WTA type test adapter can also be used for function testing with mounted cross-connections.

Cross-connections with more than 10-pole.
In order to cross-connect more than 10 terminals, the screwdriver guidances and the fixing crews on the end of the WQV are to be connected and removed. A 2-pole WQV is set in parallel against it.

WQV cross-connection with STB and PS

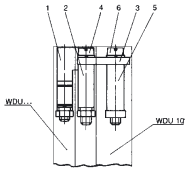
The fixing screw and the WQV insulation component must be removed. A socket serves to fix and receive the test plug.

WDU construction with WQV and STB
rated voltage 400 V



For terminal type	Continuous current			
WDU 2.5 N	(A)	Type	Cat. No.	Qty.
WDU 2.5…	32	WQV 2.5/2	**1053660000**	50
Width 5 mm	32	WQV 2.5/3	**1053760000**	50
	32	WQV 2.5/4	**1053860000**	50
	32	WQV 2.5/10	**1054460000**	20
WDU 4				
Width 6 mm	46	WQV 4/2	**1051960000**	50
	46	WQV 4/3	**1054560000**	50
	46	WQV 4/4	**1054660000**	50
	46	WQV 4/10	**1052060000**	20
WDU 6				
Width 8 mm	63	WQV 6/2	**1052360000**	50
	63	WQV 6/3	**1054760000**	50
	63	WQV 6/4	**1054860000**	50
	63	WQV 6/10	**1052260000**	20
WDU 10				
Width 10 mm	85	WQV 10/2	**1052560000**	50
	63	WQV 10/3	**1054960000**	50
	63	WQV 10/4	**1055060000**	50
	63	WQV 10/10	**1052460000**	20
WDU 16				
Width 12 mm	85	WQV 16/2	**1053260000**	50
	63	WQV 16/3	**1055160000**	50
	63	WQV 16/4	**1055260000**	50
	63	WQV 16/10	**1053360000**	10
WDU 35				
Width 16 mm	138	WQV 35/2	**1053060000**	50
	112	WQV 35/3	**1055360000**	50
	112	WQV 35/4	**1055460000**	50
	112	WQV 35/10	**1053160000**	10
WDU 70				
Width 27 mm	207	WQV 70/2	**1063500000**	5
	207	WQV 70/3	**1063600000**	5
WDU 120				
Width 32 mm	292	WQV 120/2	**1063300000**	5
	292	WQV 120/3	**1063400000**	5

Cross-connections between different terminal widths



Touch-proof construction by covering the QL 2 by WAD

Pos.		Type	Cat. No.
WDU 10 to WDU 2.5	1	WQV 2.5	**2…10-pole**
	2	WQL 2	**1056600000**
	3	VH 12.2	**1056500000**
	4	BS M2.5x20	**0343100000**
	5	VH 13	**0304000000**
	6	BS M3x20	**0303000000**
WDU 10 to WDU 4	1	WQV 4	**2…10-pole**
	2	VH 12	**0249000000**
	3	QL 2	**0194300000**
	4	BS M3x20	**0303000000**
	5	VH 13	**0304000000**
	6	BS M3x20	**0303000000**
WDU 16 to WDU 2.5		WQV 16 - 2.5	**1063900000**
WDU 16 to WDU 4 or 6		WQV 16 - 4/6	**1064000000**
WDU 35 to WDU 2.5		WQV 35- 2.5	**1064100000**
WDU 35 to WDU 4 or 6		WQV 35- 4/6	**1064200000**
WDU 35 to WDU 10		WQV 35- 10	**1068000000**
WDU 16 N to WDU 2.5		WQV 16 N- 2.5	**1073100000**
WDU 16 N to WDU 4 or 6		WQV 16 N- 4/6	**1072500000**

Pluggable cross-connection of the W-series

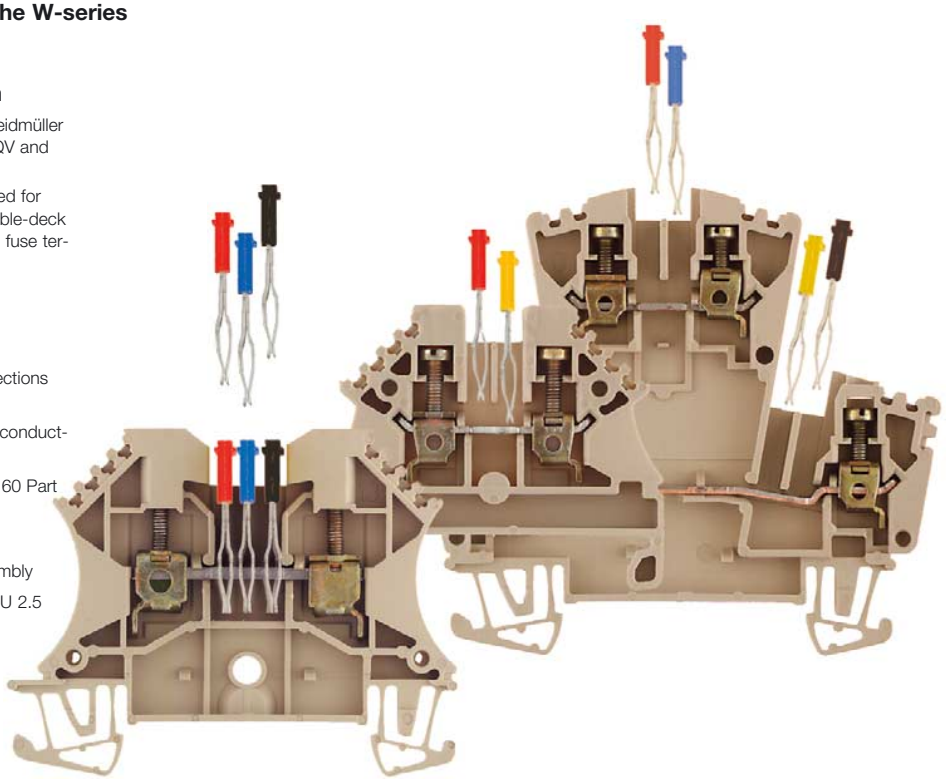
Cross-connection with a system

40 % of all terminals are cross-connected. Weidmüller offers the screw cross-connection system WQV and the pluggable cross-connection system ZQV.

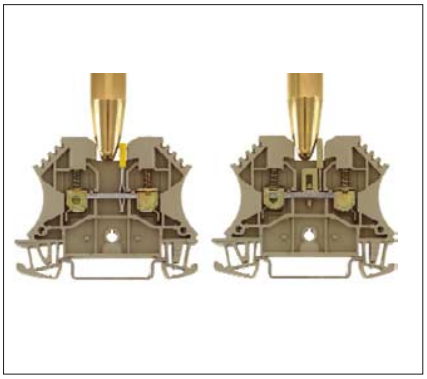
The cross-connection system ZQV can be used for 75% of all applications (feed-through and double-deck terminals 2.5 and 4 mm², disconnect-test and fuse terminals)

Cross-connection system

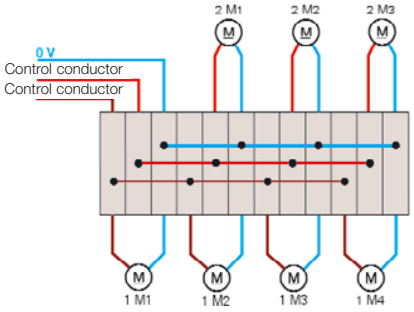
- parallel routing of 2 potentials
- parallel routing of 3 potentials
- no small partitions for adjacent cross-connections up to 400 V
- the full rated current of the terminal can be conducted over all pole numbers
- safe from finger-touch according to VDE 0160 Part 100 (VGB 4)
- colour coding
- pluggable and quick assembly and disassembly
- free choice between WQV and ZQV for WDU 2.5 and WDU 4
- easy extension
- endless cross-connection can be easily cut to the required number of poles



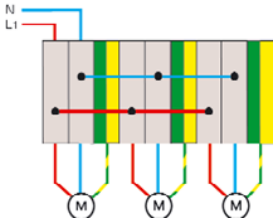
No partitions or small partitions for neighbouring cross-connections up to 400 V



Cross-connections are safe from finger-touch according to VDE 0106, Part 100 (VBG 4)



Triple use up to 125 V with ZQV 2.5N for WDU 2.5 or with ZQV 4N for WDU 4.



Parallel use up to 400 V with ZQV[1]) 2.5N or WQV 2.5 with WDU 2.5 or WDU 4

[1]) When using the outer cross-connection holes (Vibration-proof to IEC 68)

Pluggable cross-connection WDU 2.5

- for WDU 2.5N/ZQV and WDK 2.5N…

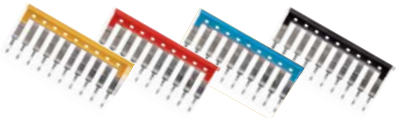
ZQV 2.5N/…

Type	Cat. No.	Qty.
ZQV 2.5N/2	**1693800000**	60
ZQV 2.5N/3	**1693810000**	60
ZQV 2.5N/4	**1693820000**	60
ZQV 2.5N/5	**1693830000**	20
ZQV 2.5N/6	**1693840000**	20
ZQV 2.5N/7	**1693850000**	20
ZQV 2.5N/8	**1693860000**	20
ZQV 2.5N/9	**1693870000**	20
ZQV 2.5N/10	**1693880000**	20
ZQV 2.5N/50	**1693890000**	20

- for WDU 4, WDK 4N and WTR 4

ZQV 4N/…

Type	Cat. No.	Qty.
ZQV 4N/2	**1758250000**	60
ZQV 4N/3	**1762630000**	60
ZQV 4N/4	**1762620000**	60
ZQV 4N/10	**1758260000**	20
ZQV 4N/41	**1758270000**	10



	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

Coloured cross-connection ZQV 2.5N

Pluggable cross-connections of Z-series

Standard accessories for terminals with tension-clamp technology offer a time-saving and easy-to-use cross-connection capability:
Pluggable cross-connections - ZQV

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/50 - endless (50-pole),
- **ZQV 4** as 2- to 10-pole combs,
- **ZQV 6** as 2- to 4-pole combs and ZQV 6/30 - endless (30-pole),
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (jumpers)
- **ZQV 2.5N** als 2- to 10-pole combs and ZQV 2.5N/50 - endless (50-pole)

The above-mentioned variants are finger-touch protected. It should however be noted that the rated voltage is reduced to 400 V when cross-connections are used. This limitation applies to, for example: Terrminals of type ZDU 2.5 to ZDU 35 and ZDU 2.5-2.
This principle need not to be applied when the rated voltage of the used terminals is lower than 500 V.
In these cases, the rated voltage of the used terminals applies.
This applies to, for example: ZTR 2.5 and ZTR 2.4/3AN terminals.

Terminals can be skipped as required by breaking off one or more (max. 60 %) of the contact elements from the cross-connections.

ZQV 2.5/...

Type	Cat. No.	Qty.
ZQV 2.5/2	**1608860000**	60
ZQV 2.5/3	**1608870000**	60
ZQV 2.5/4	**1608880000**	60
ZQV 2.5/5	**1608890000**	20
ZQV 2.5/6	**1608900000**	20
ZQV 2.5/7	**1608910000**	20
ZQV 2.5/8	**1608920000**	20
ZQV 2.5/9	**1608930000**	20
ZQV 2.5/10	**1608940000**	20
ZQV 2.5/50	**1697540000**	20

ZQV 4/...

ZQV 4/2	**1608950000**	60
ZQV 4/3	**1608960000**	60
ZQV 4/4	**1608970000**	60
ZQV 4/5	**1608980000**	20
ZQV 4/6	**1608990000**	20
ZQV 4/7	**1609000000**	20
ZQV 4/8	**1609010000**	20
ZQV 4/9	**1609020000**	20
ZQV 4/10	**1609030000**	20

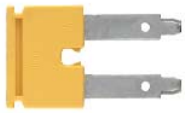
ZQV 6/...

ZQV 6/2	**1627850000**	60
ZQV 6/3	**1627860000**	60
ZQV 6/4	**1627870000**	60
ZQV 6/30	**1733640000**	10

ZQV 10/2

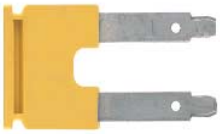
ZQV 10/2	**1739680000**	50

ZQV 16/2



ZQV 16/2	**1739690000**	50

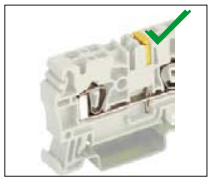
ZQV 35/2



ZQV 35/2	**1739700000**	10

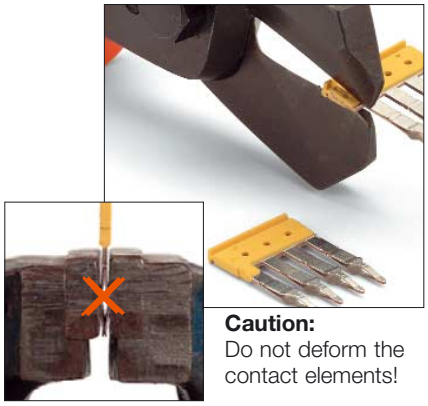
ZQS 2.5/...
suitable for the ZSI 2.5/2 fuse terminal only

ZQS 2.5/2	**1633200000**	20
ZQS 2.5/3	**1633210000**	20
ZQS 2.5/4	**1633220000**	20
ZQS 2.5/5	**1633230000**	20

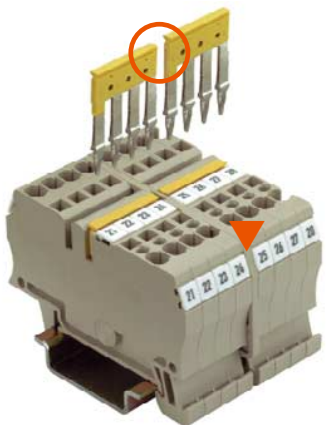


Cross-connections can be inserted and replaced quickly and easily.

The length of the cross-connections can be shortened using a suitable cutting tool, e.g. KT ZQV (Cat. No. **900217**). However, at least three contact elements must remain.

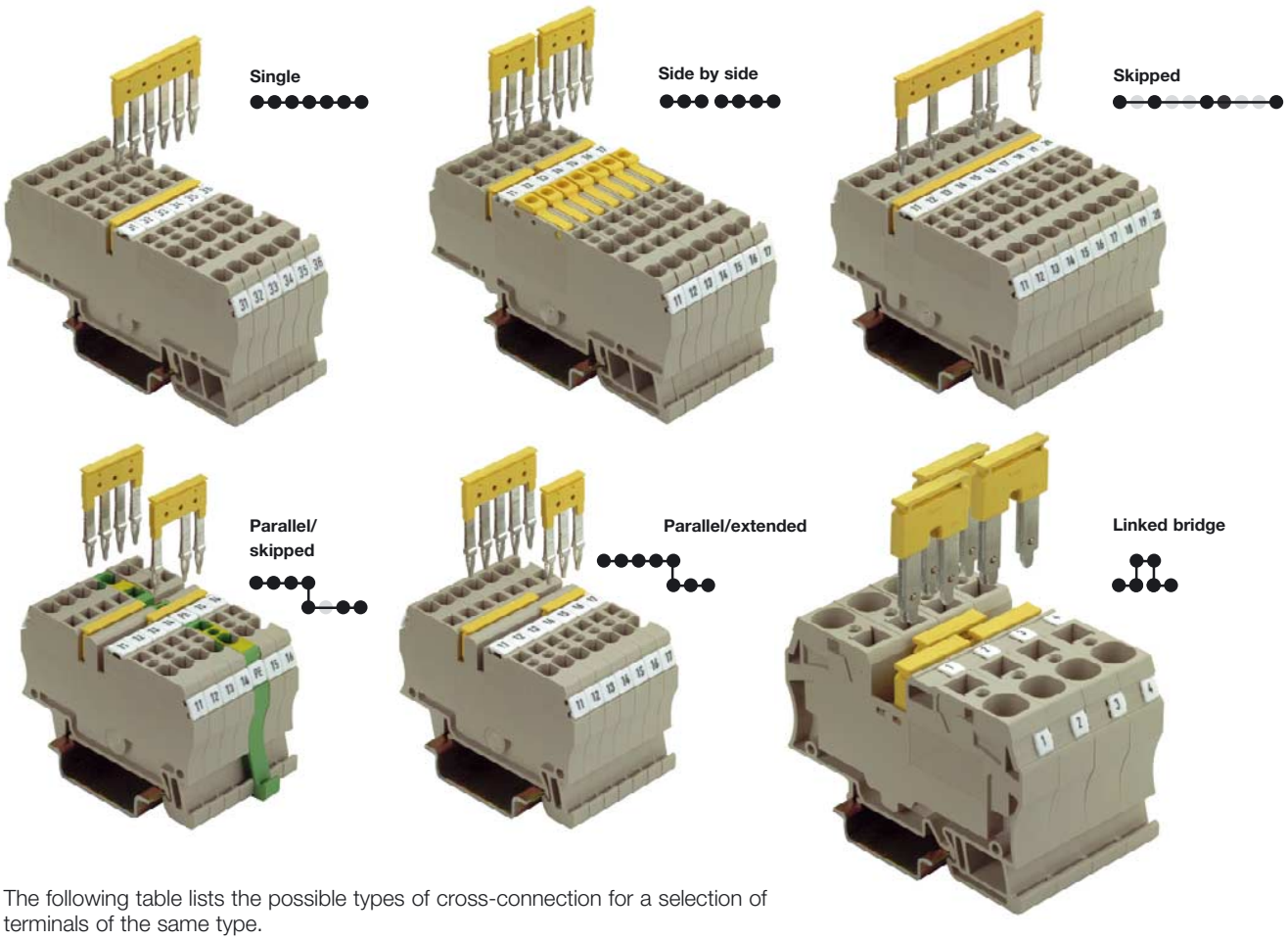


Caution:
Do not deform the contact elements!



If the cross-connections are shortened by the user, partitions and/or end plates (ZAP/TW…) must be used to maintain the rated voltage of 250 V, if terminals of type ZDU 2.5/... are used.

Types of cross-connection

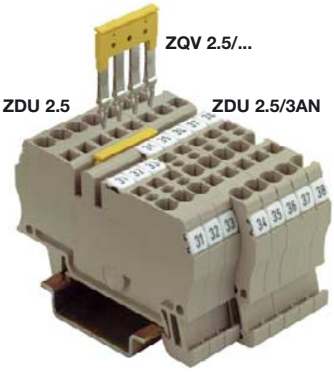


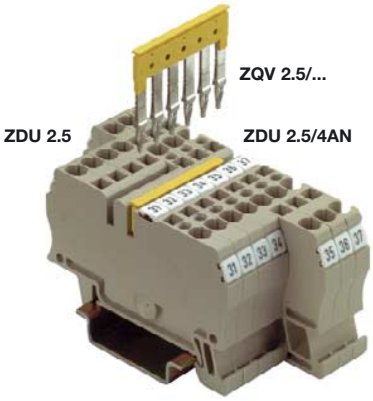
The following table lists the possible types of cross-connection for a selection of terminals of the same type.

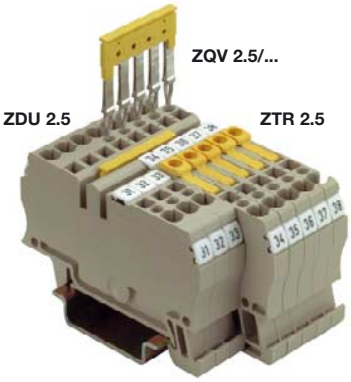
Terminal type	Cross-connection type	Single	Side by side	Skipped	Linked bridge	Parallel/ skipped	Parallel/ extended
ZDU 2.5	**ZQV 2.5/…**	●	●	●	●	●	●
ZDU 2.5 - 2/3 AN	**ZQV 2.5/…**	●	●	●	●	●	●
ZDU 2.5 / 3 AN	**ZQV 2.5/…**	●	●	●			
ZDU 2.5 / 4 AN	**ZQV 2.5/…**	●	●	●			
ZTR 2.5	**ZQV 2.5/…**	●	●	●			
ZTR 2.5 / 3 AN	**ZQV 2.5/…**	●	●	●			
ZSI 2.5	**ZQV 2.5/…**	●	●	●			
ZSI 2.5 / 2	**ZQS 2.5/…**	●	●	●			
ZDU 4	**ZQV 4/…**	●	●	●			
ZDU 4/3AN	**ZQV 4/...**	●	●	●			
ZDU 4/4AN	**ZQV 4/...**	●	●	●			
ZDU 6	**ZQV 6/…**	●	●	●			
ZDU 6/3AN	**ZQV 6/...**	●	●	●			
ZDU 10	**ZQV 10/2**	●	●		●		
ZDU 16	**ZQV 16/2**	●	●		●		
ZDU 35	**ZQV 35/2**	●	●		●		
ZPE 2.5	**ZQV 2.5/...**			●		●	
ZPE 4	**ZQV 4/...**			●			
ZPE 6	**ZQV 6/...**			●			
ZPE 10/16/35	**ZQV 10/16/35**	●	●		●		

Cross-connection variants

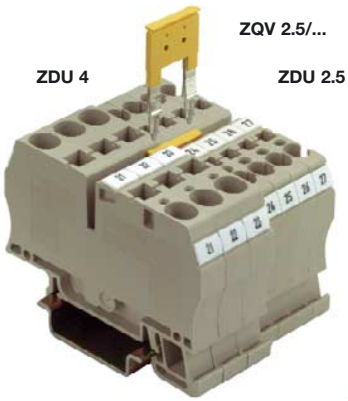
Terminals with the same cross-sections but different numbers of connections:

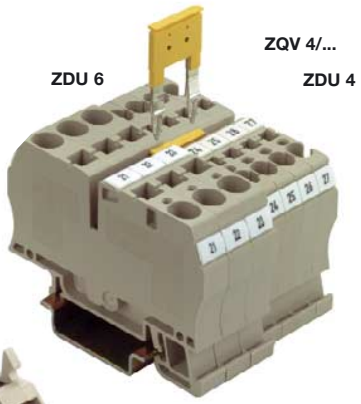




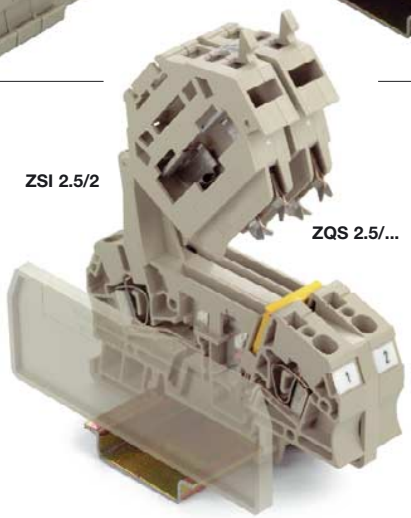


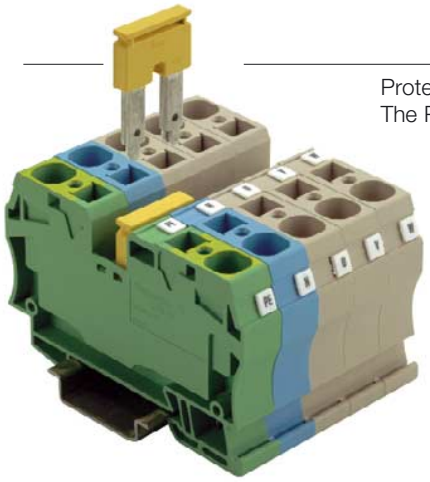
Terminals with different cross-sections:



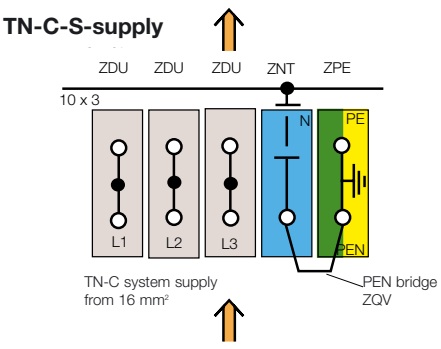


Fuse terminals with the same cross-section:



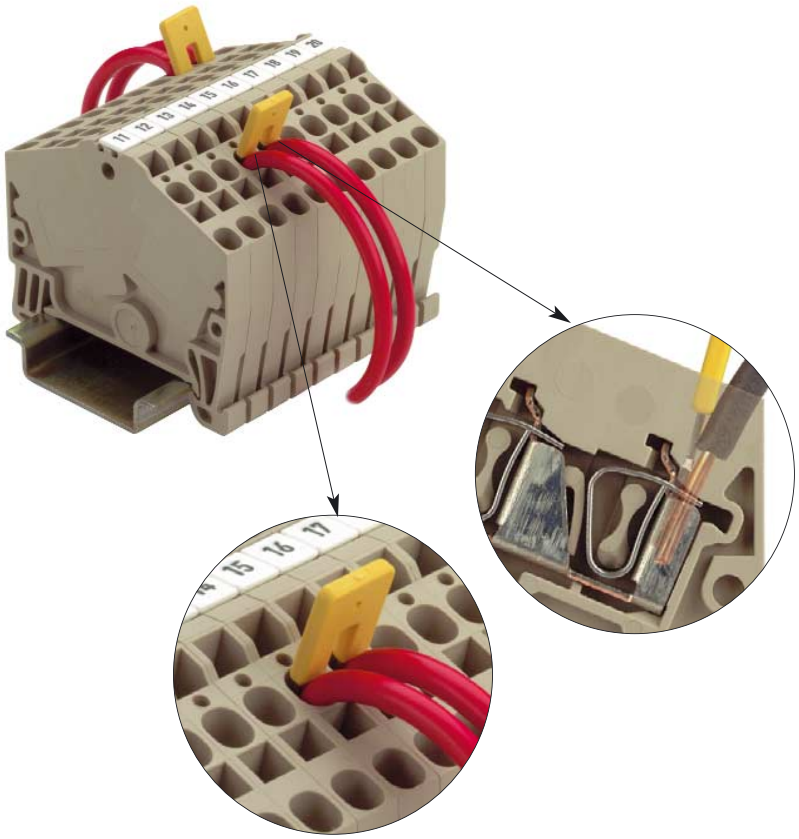


Protective earth conductor function **(PE)** + neutral conductor function **(N) = PEN** function
The PE and N conductor functions combined as part of the system in the **PEN** conductor:



Terminals without
cross-connection channel:
ZDU 2.5 – 2 / 4AN
A special cross-connection option for two ZDU 2.5 – 2/4 AN terminals arises when the terminals are cross-connected with the ZQB 2.5 cross-connection comb.

Cross-connection comb:
ZQB 2.5
The illustration shows how to correctly mount a ZQB 2.5. It must be noted during mounting that the conductor is positioned between the tension clamp and the ZQB 2.5. Due to the usage of the ZQB 2.5, the conductor cross-section is reduced to 1.5 mm², “solid” and “flexible”, for these connections.



ZQB 2.5

Type	Cat. No.	Qty.
ZQB 2.5	**1677120000**	50

The terminal in compact design: **ZDUA 2.5 - 2** for TS 15 mounting rail.

The compact terminal ZDUA 2.5-2 can be cross-connected with the ZQV 2.5/N… range.

ZQV 2.5/N…

Type	Cat. No.	Qty.
ZQV 2.5N/2	**1693800000**	60
ZQV 2.5N/3	**1693810000**	60
ZQV 2.5N/4	**1693820000**	60
ZQV 2.5N/5	**1693830000**	20
ZQV 2.5N/6	**1693840000**	20
ZQV 2.5N/7	**1693850000**	20
ZQV 2.5N/8	**1693860000**	20
ZQV 2.5N/9	**1693870000**	20
ZQV 2.5N/10	**1693880000**	20
ZQV 2.5N/50	**1693890000**	20

Single

Side by side

Skipped

Potential feed and distribution

According to IEC 60 204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side.

Feed from left

Feed from right

from:	to:	with:	with:	to:	from:
ZDU 6	ZDU 2.5/4AN	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5	ZDU 6
	ZDU 4	ZQV 4/...	ZQV 4/...	ZDU 4	
	ZDU 6	ZQV 6/...	ZQV 6/...	ZDU 6	
	ZEI 16	ZQV 6/...	ZQV 6/...	ZEI 16	
ZDU 4	ZDU 2.5	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5	ZDU 4
	ZDU 2.5/4AN	ZQV 2.5/…	ZQV 4/...	ZDU 4	
	ZDU 4	ZQV 4/...	ZQV 4/...	ZDU 6	
	ZDU 6	ZQV 4/...	ZQV 4/...	ZEI 16	
	ZEI 16	ZQV 4/...			
			ZQV 2.5/…	ZDU 2.5	ZDU 2.5
ZDU 2.5	ZDU 2.5	ZQV 2.5/…	ZQV 2.5/…	ZDU 4	
	ZDU 2.5/3AN	ZQV 2.5/…	ZQV 2.5/…	ZEI 16	
	ZDU 2.5/4AN	ZQV 2.5/…			
	ZTR 2.5	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5	ZDU 2.5 / 3 AN
	ZDU 4	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5/3AN	
	ZDU 6	ZQV 2.5/…	ZQV 2.5/…	ZTR 2.5	
	ZEI 16	ZQV 2.5/…			
			ZQV 2.5/…	ZDU 2.5	ZDU 2.5 / 4 AN
ZDU 2.5 / 3 AN	ZDU 2.5/3AN	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5/4AN	
	ZTR 2.5	ZQV 2.5/…	ZQV 2.5/…	ZDU 4	
			ZQV 2.5/…	ZDU 6	
ZDU 2.5 / 4 AN	ZDU 2.5/4AN	ZQV 2.5/…	ZQV 2.5/…	ZEI 16	
	ZEI 16	ZQV 2.5/…			
			ZQV 2.5/…	ZDU 2.5	ZTR 2.5
ZTR 2.5	ZDU 2.5/3AN	ZQV 2.5/…	ZQV 2.5/…	ZDU 2.5/3AN	
	ZTR 2.5	ZQV 2.5/…	ZQV 2.5/…	ZTR 2.5	

Potential distribution from 1.5 mm² to 25 mm² with Z-series

ZEI 16

Type	Cat. No.	Qty.
ZEI 16	**1745350000**	20
ZEI 16 BL	**1766240000**	20

Feed left and/or right possible with:
- ZDU 2.5 and ZQV 2.5/...
- ZDU 2.5/4 AN and ZQV 2.5/...
- ZDU 4, EDU 4/3 AN, ZDU 4/4 AN and ZQV 4/...
- ZDU 6, ZDU 6/3 AN and ZQV 6/...

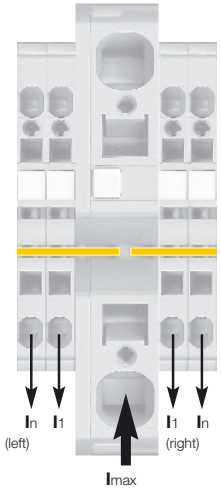
The **ZEI 16** feed terminal allows cables with a cross-section of up to 25 mm² to be used.
Using standard cross-connections, the potential can be distributed to any number of terminals with smaller cross-sections.

The table below shows some variants for potential distribution of the supply, the required cross-connection and as well as the maximum current.

$I_{max} = \sum I_n$ (left)

Feed, left

Feed terminal	Feed	Imax
ZDU 2.5	16 mm²	48 A
	25 mm²	48 A
ZDU 2.5/4AN	16 mm²	48 A
	25 mm²	48 A
ZDU 4	16 mm²	64 A
	25 mm²	66 A
ZDU 6	16 mm²	76 A
	25 mm²	82 A



$I_{max} = \sum I_n$ (left) + $\sum I_n$ (right)

Feed, middle

Feed terminal	Feed	Imax
ZDU 2.5	16 mm²	76 A
	25 mm²	89 A
ZDU 2.5/4AN	16 mm²	76 A
	25 mm²	89 A
ZDU 4	16 mm²	76 A
	25 mm²	100 A
ZDU 6	16 mm²	76 A
	25 mm²	100 A

$I_{max} = \sum I_n$ (right)

Feed, right

Feed terminal	Feed	Imax
ZDU 2.5	16 mm²	48 A
	25 mm²	48 A
ZDU 2.5/4AN	16 mm²	48 A
	25 mm²	48 A
ZDU 4	16 mm²	64 A
	25 mm²	66 A
ZDU 6	16 mm²	76 A
	25 mm²	82 A

Accessories for Z-series

ZZA 2.5
Additional connection for: ZDU 2.5, ZDU 2.5/3 AN, ZDU 2.5/4 AN, ZTR 2.5 and ZTR 2.5/3 AN

ZBW
Actuating tools

ZST
Bus support

ZVQ 2.5/1.5
Vertical connector

ZQB 2.5
Vertical-connection bridge

Dimensions					
Width/length/height	mm	6/21/61		10/61/27.5	
Insulation stripping length	mm	10			
Rated data					
Rated voltage/current/cross-section		400 V/17.5 A/2.5 mm²			
Rated insulation voltage to VDE 0110 / 1.89 / pollution severity		6 kV/3			
Further technical data					
Clampable conductor:					
Solid H07V-U	mm²	0.5…4			
Flexible H07V-K	mm²	0.5…4			
Flexible with ferrule according to DIN 46 228/1**	mm²	0.5…2.5			
Flexible with ferrule with plastic insulating collar**	mm²	0.5…2.5			
Max. clamping range in mm²/gauge pin to IEC 60 947-1/1988	Size	A3			

Ordering data

Version	Type	Cat. No.	Qty.
Wemid	ZZA 2.5	**1646690000**	50
With pips, Wemid	ZZA2.5ZA	**1649350000**	50

Type	Cat. No.	Qty.
ZBW 1	**1669620000**	1
ZBW 2	**1650670000**	1
ZBW 3	**1650680000**	1
ZBW 4	**1650690000**	1
ZBW 6	**1650700000**	1
ZBW W	**1669630000**	1

Type	Cat. No.	Qty.
ZST	**1678680000**	50

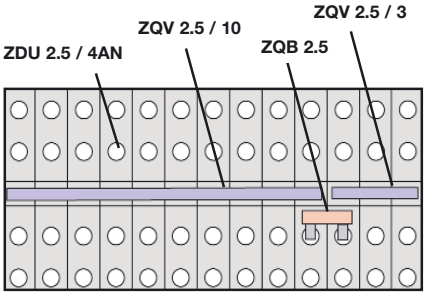
Type	Cat. No.	Qty.
ZQB	**1677120000**	50
ZVQ 2.5/1.5	**1720700000**	20

Fitting the ZZA 2.5
Place the locating hook in the screwdriver guide of the contact part in the cross-connection channel and subsequently press into place. A 6 mm pitch is provided so that only each second terminal can be used.

The ZBW 1-6 and ZBW W can be used for actuating the 1.5 mm² and 2.5 mm² terminal clamping units.
The ZBW W additionally offers easier access in confined spaces.
The plastic actuating tools increase safety when working on energised systems.

The bus support ZST is used to park test plugs, cross-connections and fuses which are used by service engineers.
The bus support can be locked at the end of a terminal strip on the 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, ZDU 2.5-2 and ZDUB-series.
The clamping units are opened with the actuating tool ZBW 2,
Cat. No. **1650670000**



Marking tags		Aufdruck		
DEK	DEK	FW/FS/...	DEK 5 section “Accessories”	
WS	WS white	neutral	ZS 10/5	**1610000000** 480
	WS white	indiv. printed	ZS 10/5	**1610010000** 480

Mounting rails, end brackets, further marking material see section “Accessories”

** Ferrules crimped gas-tight

Accessories for Z-series

SFEH
Pin header

125 V

Type	Cat. No.	Qty.
SFEH 1x1 / 2	**1684800000**	20

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

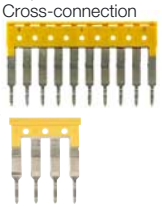
ZDUS
Screening connection terminal

4.8/83.5/33.5

Type	Cat. No.	Qty.
ZDUS	**1676640000**	20

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

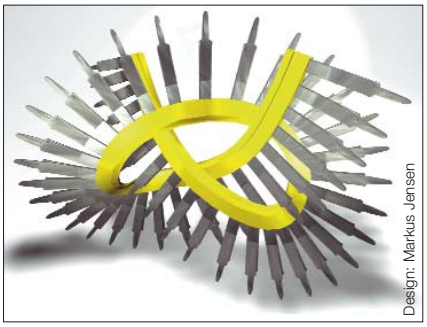
ZQV 2.5/.....
ZQV 2.5N/...
Cross-connection



Type	Cat. No.	Qty.
ZQV 2.5N/2	**1693800000**	60
ZQV 2.5N/3	**1693810000**	60
ZQV 2.5N/4	**1693820000**	60
ZQV 2.5N/5	**1693830000**	20
ZQV 2.5N/6	**1693840000**	20
ZQV 2.5N/7	**1693850000**	20
ZQV 2.5N/8	**1693860000**	20
ZQV 2.5N/9	**1693870000**	20
ZQV 2.5N/10	**1693880000**	20
ZQV 2.5N/50	**1693890000**	10

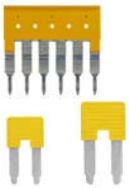
Type	Cat. No.	Qty.
ZQV 2.5/2	**1608860000**	60
ZQV 2.5/3	**1608870000**	60
ZQV 2.5/4	**1608880000**	60
ZQV 2.5/5	**1608890000**	20
ZQV 2.5/6	**1608900000**	20
ZQV 2.5/7	**1608910000**	20
ZQV 2.5/8	**1608920000**	20
ZQV 2.5/9	**1608930000**	20
ZQV 2.5/10	**1608940000**	20
ZQV 2.5/50	**1697540000**	20

Made-to-measure cross-connections
The ZQV 2.5/50 is a cross-connection with which up to 20 terminals can be quickly and easily interconnected. The 50 pole cross-connection comb can be easily cut 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 occure 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 20 poles.



Pluggable, 50-pole endless cross-connection for made-to-measure stripping

ZQV 4...35
Cross-connection



Type	Cat. No.	Qty.
ZQV 4/2	**1608950000**	60
ZQV 4/3	**1608960000**	60
ZQV 4/4	**1608970000**	60
ZQV 4/5	**1608980000**	20
ZQV 4/6	**1608990000**	20
ZQV 4/7	**1609000000**	20
ZQV 4/8	**1609010000**	20
ZQV 4/9	**1609020000**	20
ZQV 4/10	**1609030000**	20

Type	Cat. No.	Qty.
ZQV 6/2	**1627850000**	60
ZQV 6/3	**1627860000**	60
ZQV 6/4	**1627870000**	60
ZQV 6/32	**1733640000**	10
ZQV 10/2	**1739680000**	50
ZQV 16/2	**1739690000**	50
ZQV 35/2	**1739700000**	10
ZQV 35-16	**7920120000**	10
ZQV 35-10	**7920100000**	10
ZQV 16-10	**7920080000**	10

ZBS 1
Component plug

Type	Cat. No.	Qty.
ZBS 1	**1764540000**	10
ZBS 1 f. LED	**1764550000**	10

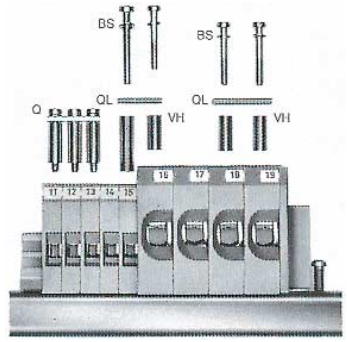
The component plug is for housing electronic components.
The ZBS1 can be fitted to two tension-clamp terminals ZDK 2.5/1.5 in either the upper or the lower level cross-connection channel. In the lower level the plug has only one position, whereas in the upper level it can be fitted in two positions (turned 180°). The plug can be customised by soldering in the required components.
Two basic versions are available (empty housings):
1. ZBS 1 closed for use with e.g. a temperature compensation element.
2. ZBS 1 with two openings at the top (Ø 3 mm) e.g. for use with LEDs.

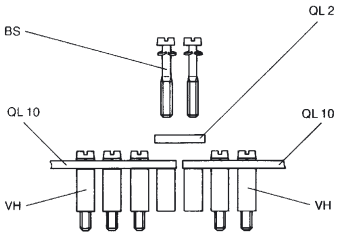
Test adapter ZTA
Test plug PS PS

Type	Cat. No.	Qty.
ZTA 1	**1609040000**	25
ZTA 1/ZA	**1609050000**	25
ZTA 2	**1609060000**	25
ZTA 2/ZA	**1609070000**	25
ZTA 3	**1654050000**	25
ZTA 4	**1688110000**	25
ZTA 5	**1776210000**	25
ZTA 5/ZA	**1776210000**	25
TA 1	**0535860000**	20
PS 2.3	**0180400000**	20
PS 2.0	**0293800000**	20

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

Q/QL





Q pre-assembled cross-connections

With pre-assembled cross-connections, the cross-connection link, connection sleeve and the fixing screw are already captively mounted with the corresponding number of poles.
During assembly, the pre-assembled cross-connections only require insertion into the individual terminal rows. These cross-connection units are available in 2-, 3-, 4- and 10-pole versions.

QL cross-connection links

Cross-connection links are used to cross-connect several terminals of the same potential. The cross-connection links are made of copper or brass. The surface is tin-plated. Available in 2-, 3-, 4- and 10-pole lengths, matched to the respective terminal width. The cross-connection link is electrically connected to the terminal's current bar via a connection sleeve.

VH connection sleeves

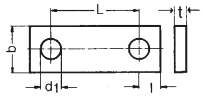
The length of the connection sleeve is matched to the respective terminal. They are made of copper or brass. The surface is SnPb. A connection sleeve must be used for each terminal to be cross-connected.

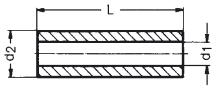
BS fixing screws

A steel fixing screw is used to connect the cross-connection link to the connection sleeve on the terminal's current bar. The purpose of the steel screw is to mechanical connect the cross-connection unit firmly to the current bar. Two types of screw shape are used. The A-shape has a full-length thread and the B-shape has a threadless shank on its upper half. The B-shape also has a rolled lock washer.

Cross-connection over more than 10 terminals

For SAKD 2.5 N, SAK 2.5, SAK 4, SAK 6 N and AKZ 4 it is possible to construct a cross-connection of more than 10 poles, e.g. 20-pole: 2 x Q 10 and 1 QL 2.
The first and last fixing screws are removed from the corrosion sleeve of the Q 10. The QL 2 is inserted between, and both fixing screws are screwed into the connection sleeve again.
20 poles can be cross-connected, using this combination.





Q

QL

VH

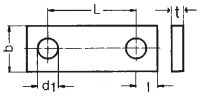
BS

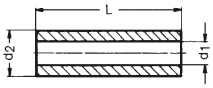
SS

Type	Current of terminal	Cross-connection Type		Left Type		Dimensions					Conn. cont. current	Without thread Type					Screws			Screw retainer
	A	Poles	Cat. No.	Poles	Cat. No.	b	t	L	d1	l		Lenght	Cat. No.	L	d2	d1	Cat. No.	Shape	Size	
SAKD 2.5 N	26 A	Q 2	**0367800000**	QL 2	**0215800000**	6	1.5	5.1	2.8	2.2	20 A	VH8.5	**0266900000**	8.5	4	2.8	**0367700000**	B	2.5x15	
WTR 2.5 (QL)	26 A	Q 3	**0367900000**	QL 3	**0215900000**						20 A									
		Q 4	**0368000000**	QL 4	**0216000000**						20 A						**1062700000**		2.5x4.5	
		Q 10	**0368100000**	QL10	**0338000000**						20 A									
SAK 2.5	26 A	Q 2	**0337000000**	QL 2	**0155900000**	6	0.6	6	3.4	2.4	27 A	VH 8	**0266700000**	8	4.9	3.2	**0359000000**	B	3x15	
SAK 2.5 L, LL	18 A	Q 3	**0337100000**	QL 3	**0156000000**						27 A									
SAK 2.5 T	10 A	Q 4	**0337200000**	QL 4	**0156100000**						27 A									
SAKT 4	26 A	Q 10	**0368700000**	QL10	**0338100000**						27 A									
SAK 2.5 ex	26 A																			
KB 2.5/10	26 A																			
SAK 4 u. 4 T	34 A	Q 2	**0336700000**	QL 2	**0130600000**	6	0.6	6.5	3.4	2.5	36 A	VH13.5	**0248500000**	13.5	5	3.2	**0303000000**	B	3x20	
KB 4/10	34 A	Q 3	**0336800000**	QL 3	**0130700000**						36 A									
SAK 4 ex	34 A	Q 4	**0336900000**	QL 4	**0130800000**						47 A									
SAKH 4 ex	34 A	Q 10	**0368800000**	QL10	**0338200000**						36 A									
AST 1…5	16 A																			
AST 5 T																				
SAK 6 N	44 A	Q 2	**0456700000**	QL 2	**0194300000**	6	1	8	3.4	3	47 A	VH12	**0249000000**	12	5	3.2	**0303000000**	B	3x20	
KB 6/10	44 A	Q 3	**0456800000**	QL 3	**0194400000**						47 A									
SAK 6 ex	44 A	Q 4	**0456900000**	QL 4	**0194500000**						47 A									
SAKT 1 u. 2	27 A	Q 10	**0457000000**	QL10	**0338300000**						36 A									
WSI 6 (QL)	35 A																			
																	1052100000		3x5	
SAK 10	61 A	Q 2	**0457100000**	QL 2	**0470300000**	6	2	10	3.4	3.5	47 A	VH12	**0249000000**	12	5	3.2	**0303000000**	B	3x20	
KB 10/15	61 A	Q 3	**0457200000**	QL 3	**0470400000**															
		Q 4	**0457300000**	QL 4	**0470500000**						47 A									
		Q 10	**0457400000**	QL10	**0470600000**						36 A									
SAK 16	82 A	Q 2	**0457500000**	QL 2	**0470700000**	6	2	12	3.4	4	47 A	VH12	**0249000000**	12	5	3.2	**0303000000**	B	3x20	
SAK 16 ex	63 A	Q 3	**0457600000**	QL 3	**0470800000**						47 A									
		Q 4	**0457700000**	QL 4	**0470900000**															
		Q 10	**0457800000**	QL10	**0471000000**						36 A									
SAK 35 N	135 A			QL 2	**0564900000**	8	3	16	4.5	5	65 A	VH17	**0267000000**	17	8	5	**0267100000**	A	4x30	
				QL 3	**0565000000**						65 A									
				QL 4	**0565100000**						65 A									
				QL10	**0565200000**						65 A									
SAK 35	135 A			QL 2	**0123600000**	8	3	18	4.5	5	65 A	VH17	**0267000000**	17	8	5	**0267100000**	A	4x30	
SAK 35 ex	115 A			QL 3	**0123700000**						65 A									
				QL 4	**0123800000**						65 A									
				QL10	**0338600000**						65 A									
SAK 70	207 A			QL 2	**0345300000**	14	4	22	5.5	7	180 A	VH30.5	**0345500000**	30.5	11	5.5	**0345600000**	A	5x45	
SAK 70 ex	178 A			QL 3	**0167000000**						180 A									
SAK 95	250 A			QL 2	**0551200000**	14	4	28	6	7	142 A	VH35	**0551100000**	35	11	5.5	**0630200000**	B	5x50	
				QL 3	**0407600000**						142 A									
				QL 4	**0407700000**						142 A									
SAK 4 S	16 A			QL 2	**0130600000**	6	0.6	6.5	3.4	2.5	36 A						**0346200000**	B	3x6	
SAK 4 SS	16 A			QL 3	**0130700000**						36 A									
				QL 4	**0130800000**						36 A									
				QL10	**0338200000**						36 A									
				QL 4	**0156100000**															
				QL10	**0338100000**															
SAKA 10				QL 2	**0135500000**	6	2	11.9	4.1	4		VH23	**0348700000**	23	6	4.2	**0267100000**	A	4x30	
				QL 3	**0135600000**															
				QL 4	**0135700000**															
				QL10	**0338500000**															

Cross-connection systems

Cross-connection system Q/QL



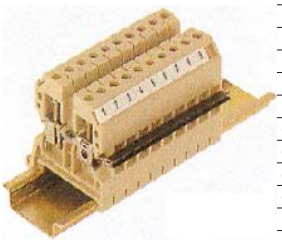


		Q	QL							VH				BS		SS
	Rated current of the terminals	Pre-assembled cross-connections	Cross-connection link						Cross-connection continuous current	Connection sleeves without thread				Fixing screws without thread		
Type		Type	Type	Dimensions						Type					Size	Screw retainer
Code	A		Poles Cat. No.	b	t	L	d1	l		Length Cat. No.	L	d2	d1	Cat. No. Shape	M	
SAK B 10	47 A		QL 2 **0114100000**	6	2	10	4.1	3.5	47 A					**0103300000** A	4 x 9	**0136400000**
			QL 3 **0114300000**						47 A							
			QL 4 **0114500000**						47 A							
			QL 10 **0338400000**						36 A							
SAKC 10	27 A		QL 2 **0135500000**	6	2	12	4.1	4.0	47 A	VH 14 **0299700000**	14	7	4.2	**0362800000** A	4 x 20	**0136400000**
			QL 3 **0135600000**						47 A							
			QL 4 **0135700000**						47 A							
			QL 10 **0338500000**						36 A							
SAK H 6			QL 2 **0131400000**	6	2	14	3.4	3.4	47 A							
SAK H 10			QL 3 **0131500000**						47 A							
			QL 4 **0131600000**						47 A							
			QL 10 **0338700000**						36 A							
SAKS 1	10 A		QL 2 **0191400000**	6	2	12.9	3.4	3	47 A					**0346200000** B	3 x 6	incl.
SAKS 3	10 A		QL 3 **0191500000**						47 A							
SAKS 6	10 A		QL 4 **0191600000**						47 A							
SAKS 7	10 A		QL 10 **0338800000**						36 A							
KSK 1, 2 and 3														**0199700000** A	3 x 7	**0164400000**
SAKS 4	16 A		QL 2 **0328000000**	10	4	24	4.8	5	47 A					**0103300000** A	4 x 9	**0136400000**
			QL 3 **0328100000**						47 A							
			QL 4 **0328200000**						47 A							
			QL 10 **0339000000**						36 A							
SAKS 2	10 A		QL 2 **0207800000**	10	4	27.6	4.8	6.5	47 A					**0103300000** A	4 x 9	**0136400000**
SAKS 5	63 A		QL 3 **0207900000**						47 A							
			QL 4 **0208000000**						47 A							
			QL 10 **0338900000**						36 A							
AKZ 1.5	17.5 A	Q 2 **0368200000**	QL 2 **0330200000**	4	1.5	5	2.8	2.0	10 A	VH 5 **0296800000**	5	4	2.7	**1701720000** B	2.5x9.9	incl.
AKZ 1.5 T		Q 3 **0368300000**	QL 3 **0330300000**						10 A							
AKZ 1.5 W		Q 4 **0368400000**	QL 4 **0330400000**						10 A							
AKZ 2.5	24 A	Q 10 **0368500000**	QL 10 **0339100000**						20 A							
DK 4 Q	32 A	Q 2 **0336400000**	QL 2 **0297200000**	4	0.8	6.1	2.8	2.5	20 A	VH 5 **0296800000**	5	4	2.7	**0400100000** B	2.5x 11	incl.
DKB 4 Q/10	32 A	Q 3 **0336500000**	QL 3 **0297300000**						20 A							
									20 A							
AKZ 4	32 A															
AKZ 4 S	8 A															
AKB 4	32 A															
AKZ 4 L, LL	16 A															
AKZ 4 SS	8 A	Q 2 **0369000000**	QL 2 **0297200000**	4	0.8	6.1	2.8	2.5	20 A	VH 8.5 **0266900000**	8.5	4	2.7			
AK 4/10	32 A	Q 3 **0369100000**	QL 3 **0297300000**						20 A							
		Q 4 **0369200000**	QL 4 **0297400000**						20 A							
		Q 10 **0369300000**	QL 10 **0339200000**						20 A							
SAKG 28	125 A		QL 2 **0193900000**	14	4	28	6.4	7	110 A							
			QL 3 **0407600000**													
			QL 4 **0407700000**													
SAKG 32	150 A		QL 2 **0194000000**	18	5	32	8.4	9	170 A							
SAKG 70	192 A		QL 3 **0441500000**													
			QL 4 **0441600000**													
SAKG 40	232 A		QL 2 **0194000000**	18	5	32	8.4	9	250 A							
			QL 3 **0441500000**													
			QL 4 **0441600000**													
SAKG 40/35	232 A		QL 2 **0211400000**	25	5	46	10.5	12.5	250 A							
			QL 3 **0444900000**													
			QL 4 **0445000000**													
SAKG 46	309 A		QL 2 **0247000000**	32	6	46	13.0	16	415 A							
			QL 3 **0444400000**													
			QL 4 **0444500000**													
SAKG 54	415 A		QL 2 **0264400000**	40	6	54	17.0	20	600 A							
			QL 3 **0408000000**													
			QL 4 **0247400000**													

Cross-connection combs

Cross-connection combs QB

External cross-connection combs permit current branching on terminals which do not have a cross-connection channel in the terminal middle or for those in which two potentials are to be fed in parallel. Types QB 2.3 and 4 are cross-connection combs with insulation profiles. Types QB 58 or 75 are available in 58 and 75-pole versions. They are easily broken off or out by hand. Insulation profiles for subsequent connection are available for both pitches. Using external cross-connections reduces the nominal cross-section to the next-smallest conductor size.



QB 2.3 and 4

chamfered edge

insulated

	Pitch mm 8		**Pitch mm** 6.0 and 6.5	
	Cat. No.	Qty.	Cat. No.	Qty.
2-pole	**0461100000**[1]	50	**0482700000**[1]	50
3-pole	**0461200000**[1]	50	**0482800000**[1]	50
4-pole	**0461300000**[1]	50	**0482900000**[1]	50
6-pole	e. g. for ASK 1		e. g. for SAKR	
10-pole				
24-pole				
QB 58-pole	straight			
QB 58-pole	angled			
QB 75-pole	straight			
QB 75-pole	angled			
black				
blue				
red				

[1] Current-carrying capacity 27 A

QB 58, QB 75

Easily broken off by hand for terminals which are not to be commoned.

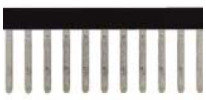
Cross-connection comb
blank
(with optional insulation profile for shock protection

	Pitch mm 8		**Pitch mm** 6.0	
	Cat. No.	Qty.	Cat. No.	Qty.
	QB 58		QB 75	
	0545400000[1][2]	10		
	0545300000[1][2]	10		
	e. g. for		**0535200000**[1][2]	10
	SAK 6		**0526400000**[1][2]	10
	ASK 1		e. g. for	
			SAK 2.5	
	Insulation profile			
	0546000000	10	**0526700000**	10
	0546080000	10	**0526780000**	10
	0546040000	10	**0526760000**	10

[2] Take row-mounting tolerances of terminal into account.

WQB

chamfered edge



Easily broken off by hand for terminals which are not to be commoned.

Cross-connection comb
insulated
Pitch: 5 mm

	Tine length mm 16		12	
	Cat. No.	Qty.	Cat. No.	Qty.
	1579010000[1]	50	**5789500000**[1]	50
	1579020000[1]	50	**1578960000**[1]	50
	1579030000[1]	50	**1578970000**[1]	50
	1579040000[1]	50	**1578980000**[1]	50
	1579050000[1]	50	**1578990000**[1]	50
	1579060000[1]	50	**1579000000**[1]	50
	for WDU 1.5		for WDK 2.5	
	WDU 2.5			
	WTR 2.5			

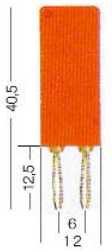
Cross-connection plugs

Cross-connection plugs QS and DQS

Type WQS, QS and DQS cross-connection plugs are used in conjunction with plug sockets for terminal cross-connections which can easily be separated.

DQS 2

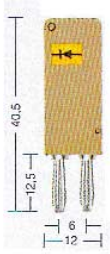
for socket 2 mm Ø



	Type	Cat.No.	Qty.
for terminal width **5** mm (e.g. WDU 2.5)			
for terminal width **6** mm (e.g. SAK 2.5) with combs/as test plug	DQS 2 (2-pole)	**0300260000**	20
with diode 1 N 4007	current-carrying capacity 10 A		
without diode			
for terminal width **6.5** mm (e.g. SAK 4)			
for terminal width **8** mm (e.g. SAK 6 N, WDU 6)			
for terminal width **10** mm (e.g. SAK 10)			
for terminal width **12** mm (e.g. SAK 16)			

DQS 2

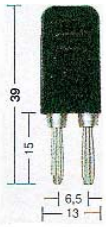
for socket 2.3 mm Ø



Type	Cat. No.	Qty.
WDS 2 (2-pole) not shown, but similar to DQS	**1069900000**	
DQS 2 (2-pole) loadable to 10 A	**0471560000**	20
DQS 2 (2-pole) max. 1 A	**0471460000**	20
DQS 2 (2-pole) fitting space 9 x 9 x 4.5	**0471660000**	20
QS 2 (2-pole) loadable to 20 A	**0212700000**	20

QS 2

for socket 2.3 mm Ø



QS 2

for socket 4 mm Ø
loadable to 44 A

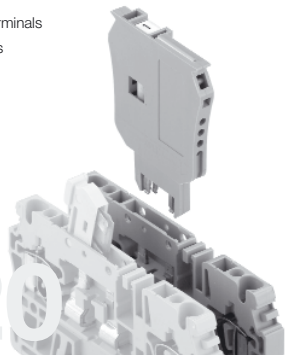
Type	Cat. No.	Qty.
QS 2 (2-pole) x = 8 mm, y = 16 mm	**0270960000**	20
QS 2 (2-pole) x = 10 mm, y = 20 mm	**0270860000**	20
QS 2 (2-pole) x = 12 mm, y = 20 mm	**0270760000**	20

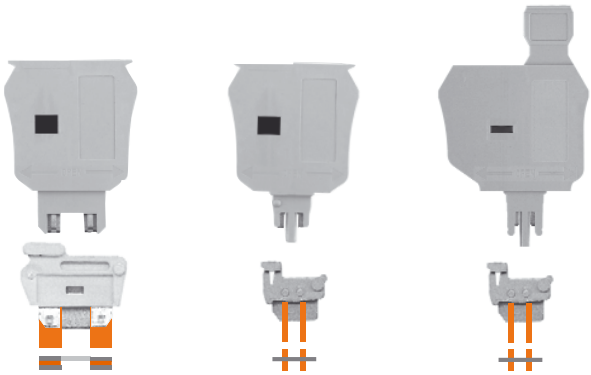
Accessories

Accessories for SIHA fuse holder

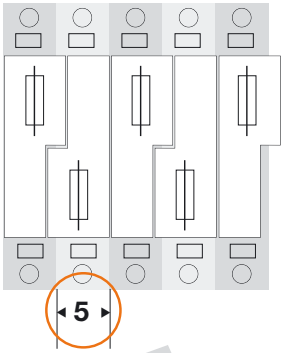
The SIHA fuse holder turns your diconnect-test terminal into a fuse terminal within seconds.
Just remove the disconnect lever, and plug in the fuse connector – ready!

- Even fits onto 5 mm wide terminals
- Easy handling – without tools
- Wemid housings (V0)
- Easy fuse replacement
- Power loss 1.6 W





SIHA1/G20	SIHA1/G20/LD	SIHA2/G20	SIHA2/G20/LD	SIHA3/G20	SIHA3/G20/LD	rated voltage
	LED (red)		LED (red)		LED (red)	
9537550000		**9537600000**		**7921560000**		400 V
	9537560000		**9537610000**		**7921570000**	10 - 36 V
	9537570000		**9537620000**		**7521580000**	35 - 70 V
	9537580000		**9537630000**		**7921590000**	60 - 150 V
	9537590000		**9537640000**		**7921600000**	140 - 250 V



WTR 2.5	●	●	–	–	–	–
ZTR 2.5/2 AN	●	●	–	–	–	–
ZTR 2.5/3 AN	●	●	–	–	–	–
ZDTR 2.5	–	–	◐	◐	–	–
WTR 4	–	–	●	●	–	–
ZDL 2.5/NT	–	–	◒	◒	–	–
ZTR 2.5/4 AN	–	–	–	–	●	●
ITR 1.5 N	–	–	–	–	●	●

● fits
◐ only pluggable in upper disconnect level
◒ wihout ZQV
– does not fit

Dimensions

(Width/length/height)	mm
Plugged	5.7/33.4/33.8
Plugged with indicator	5.7/40.5/33.8

Version Wemid

Rated data

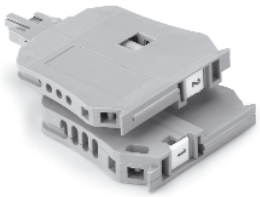
Rated voltage	400 V
Rated current	6.3 A

Power loss according to DIN VDE 0611-6 at 23°C ambient temperature and 1.5 times rated current interconnection (compound configuration) 1.6 W

G fuse inserts 5 x 20

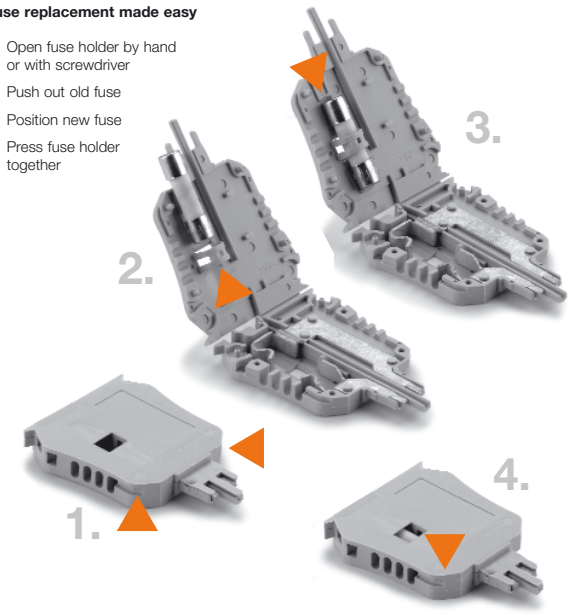
The SIHA fuse holder fits onto 5 mm wide terminals, even with 5 x 20 G fuse inserts.

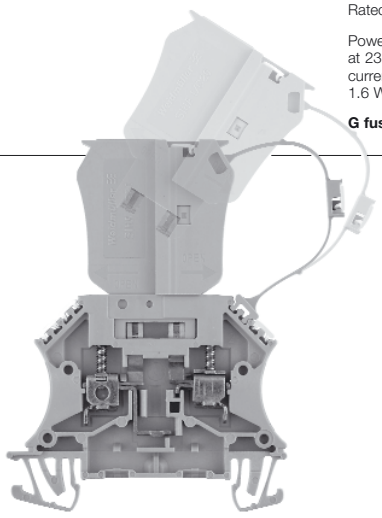
The design does it.
With only two variants, SIHA1 and SIHA2, nearly all disconnect-test terminals from the W-series, Z-series and I-series can be used.



Fuse replacement made easy

1. Open fuse holder by hand or with screwdriver
2. Push out old fuse
3. Position new fuse
4. Press fuse holder together





Unmisplaceable

The SIHA/V plastic cord can be mounted post installation and ensures that the fuse holder does not get misplaced when dismantled (Cat. No.: 953768 / Qty. 20)

- Marker slot is used to attach the cord
- The cord attachment piece has a marker space, so you'll not lose marking options
- Can be clipped either on the left or right-hand edge of fuse holder

2 types of marker

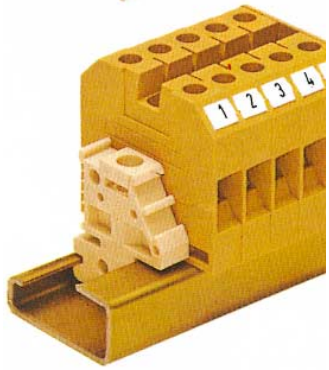
- Marker slots for **dekafix 5** on top and
- Labelling space for **E-Fix** self-adhesive labels, size 8/20

Switchable cross-connecting links

Switchable cross-connecting links are designed for 2-pole, easily separable cross-connections.

Assembly is carried out with a VH-type connection sleeve and BS-type fixing screws.

See table for ordering data.



For terminal type
SAK 4
SAK 6 N
SAK 10
SAK 16
SAK 35
SAKC 10
AKZ 4 / AKB 4 / AKZ 4 T
AKZ 4 S / AKZ 4 L
AKZ 4 LL / DK 4
WDU 2.5
WDU 4
WDU 2.5
WDU 4

Connection sleeves

VL 2

Switchable cross-connecting link

Type	Cat. No.	Qty.
VL 2	**0197000000**	50
VL 2	**0194700000**	50
VL 2	**0135900000**	50
VL 2	**0135800000**	50
VL 2	**0124000000**	50
VL 2	**0135800000**	50
VL 2	**0446700000**	50
VL 2	**0446700000**	50
VL 2	**0197000000**	50

VH

Connection sleeves

Type	Cat. No.	Qty.
VH 19	**0285100000**	50
VH 19	**0285100000**	50
VH 19	**0285100000**	50
VH 19	**0285100000**	50
VH 24.5	**0298700000**	50
VH 23	**0348700000**	50
VH 10	**0446600000**	50
VH 19	**0285100000**	50

Fixing screws

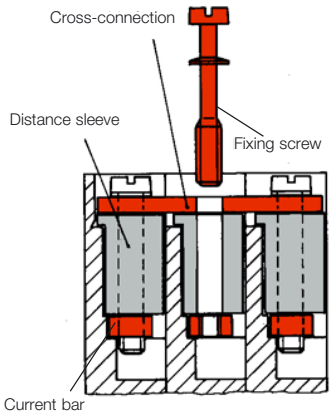
BS

Fixing screws

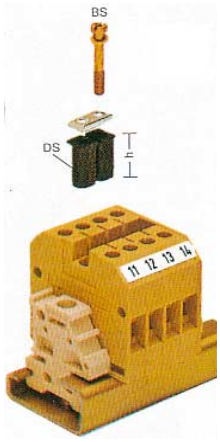
Type	Cat. No.	Qty.
BS M3 x 25	**0292500000**	100
BS M3 x 25	**0292500000**	100
BS M3 x 25	**0292500000**	100
BS M3 x 25	**0292500000**	100
BS M4 x 35	**0298900000**	50
BS M4 x 30	**0267100000**	50
BS M2.5 x 14	**0266800000**	100
BS M2.5 x 25	**1061400000**	100
BS M3 x 25	**0292500000**	100

Distance sleeves

Type DS distance sleeves made of tempered insulating material are used to cut out individual current paths by removing the fixing screws. The cross-connection current is then fed through the fixing screws. We therefore specify CuNi 60 screws (copper-nickel alloy). An end bracket with screw holder stores the fixing screws which have been removed.



Distance sleeves DS



For terminal type
SAK 2.5
and SAKT 4
SAK 4
and AST
SAK 6 N
and SAKT 1 and 2
SAK 10
and SAK 16

Type	Cat. No.	Qty.
DS 9*	**0330930000**	100
BS M3 x 15 CuNi	**0377200000**	100
DS 14*	**0207530000**	100
BS M3 x 20 CuNi	**0377100000**	100
DS 12.5*	**0207730000**	100
BS M3 x 20 CuNi	**0377100000**	100
DS 12.5*	**0207630000**	100
BS M3 x 20 CuNi	**0377100000**	100
* Dimension h		

EW 35

with screw holder

Type	Cat. No.	Qty.
EW 35/TS 35 with screw holder	**0258660000**	20

EWK 2

with screw holder

Type	Cat. No.	Qty.
EWK 2/TS 32 with screw holder	**0258760000**	20

Accessories

Switching accessories for disconnect test terminals types WTL/D/Q and SAKT

Cross-connection slide
Disconnect lock

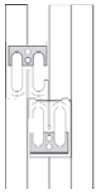
Fixing parts in the individual terminals require VH 19 connection sleeves and BS 25 fixing screws (or StB 35 socket).
The fixing screws have an insulation sleeve that acts as a colour code and a screwdriver guide.
The cross-connection slides are designed so that the sockets located in the terminal remain free for test plugs in any position.
The 2-pole design, Type QVS 2-S, is designed so that operation with inserted test plugs is possible.
If the possibility to test is also required with inserted cross-connections, the fixture can be constructed with the StB 35 socket (see page 3/13).
The creepage and clearance distances required for the rated voltage of the terminal can be changed by installing accessory components.

WTD 6/1 and WTL 6/1/SAKT 1	
For adjacent QVS	63 V
For adjacent StB 25	63 V
SAKT 2	
For adjacent QVS	63 V
For adjacent StB 25	63 V

In order to maintain the rated voltage, TW partitions or TSch 2 small partitions must be inserted between adjacent components.

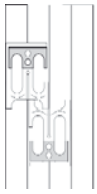
SSP WTL + SSP 3 and SSP 4 prevent the undesired opening and closing of circuits. They block the disconnect slide in its respective position. The disconnect lock can easily be pressed into the terminal from above. It can only be released with a tool.

QVSK 2 (167036)

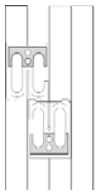


SAKT2

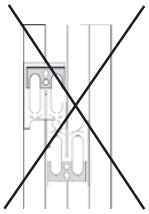
QVS 2 (030730)



SAKT2



SAKT1, WTL6/1, WTD6/1



SAKT1, WTL6/1, WTD6/1

Cross-connection comb QB

For SAKT 1, SAKT 2, WTL 6/1, WTD 6/1 and WTQ 6/1

The QB can be inserted into the terminal strip from above when using type SAKT 1/Q cross-disconnect terminals. The connection or disconnection is then made through the installed disconnect slide.

Cross-connections WQV

For WTL 6/2 and WTL 6/3

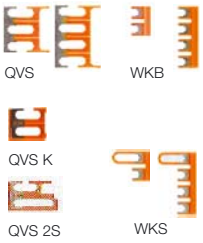
Cross-connection links QL

Type QL cross-connection links serve as fixed, i.e. non-switchable, cross-connections for the disconnect-test terminal types SAKT 1, SAKT 2 and SAKT 4. VH 12 connection sleeves and BS M 3 x 20 fixing screws made of CuNi 60 (or StB 30.5 sockets) are required for fixing.
The creepage and clearance distances required for the rated voltage of the terminal can be changed by installing accessory components. This applies in particular to the cross-connection of adjacent terminals of differing potentials. The following restrictions must be observed:

WTL 6/1, WTD 6/1/SAKT 1 for adjacent QL	250 V
SAKT 2 for adjacent QL	63 V
SAKT 4 In order to maintain the rated voltage, the TW partitions or TSch 2 small partitions must be inserted between adjacent components.	

QVS

Cross-connection slides



Type	Cat. No.	Qty.
QVS 2 2-pole	**0307300000**	20
QVS K2 2-pol.	**1670360000**	20
QVS 3 3-pole	**0329300000**	20
QVS 4 4-pole	**0307400000**	20
QVS 2S 2-pol.	**0358460000**	20
WTQ 6/1		
WKB 1/2 2-pol.	**1604280000**	50
WKB 1/3 3-pol.	**1604300000**	50
WKB 1/4 4-pol.	**1604320000**	50
WKB 1/10 10-pol.	**1604330000**	20
WTL 6/2 WTL 6/3		
WKS 1/2 2-pol.	**1604270000**	50
WKS 1/3 3-pol.	**1604290000**	50
WKS 1/4 4-pol.	**1604310000**	50

VH 19

Connection sleeves

Type	Cat. No.	Qty.
VH 19	**0318000000**	50
CuZn 39		
(brass alloy)		

BS 25

Fixing screw

Type	Cat. No.	Qty.
BS 25	**0334700000**	50
without Insulation sleeve		
BS 25	**0335700000**	50
Insulation sleeve yellow		
BS 25	**0335600000**	50
Insulation sleeve green		
BS 25	**0335800000**	50
Insulation sleeve violet		
BS 25	**0335300000**	50
Insulation sleeve grey		
BS 25	**0335200000**	50
Insulation sleeve black		
BS 25	**0335400000**	50
Insulation sleeve blue		
BS 25	**0335500000**	50
Insulation sleeve red		
CuZn 39		
(brass alloy)		

SSP 3

Disconnect lock

Type	Cat. No.	Qty.
SSP 3	**0531760000**	100
WTL 6/2 WTL 6/3:		
SSP WTL 6/2	**1604200000**	100
WTL 4		
SSP 4	**1319360000**	20

QB

Type	Cat. No.	Qty.
QB 2 2-pole	**0205700000**	50
QB 3 3-pole	**0205800000**	50
QB 4 4-pole	**0205900000**	50
QB 10 10-pole	**0343800000**	20
QB 25 25-pole	**0206000000**	20

QL

Cross-connecting link

Type	Cat. No.	Qty.
QL 2 2-pole	**0194300000**	50
QL 3 3-pole	**0194400000**	50
QL 4 4-pole	**0194500000**	50
QL 5 5-pole	**0220500000**	50
QL 6 6-pole	**0220600000**	50
QL 10 10-pole	**0338300000**	20
QL 11 11-pole	**0221000000**	20
QL 15 15-pole	**0221200000**	10
for SAKT 4		
QL 2 2-pole	**0155900000**	100
QL 3 3-pole	**0156000000**	100
QL 4 4-pole	**0156100000**	50
QL 5 5-pole	**0338100000**	20
Cross-connections for WTL 6/2+6/3		
WQV 6/2	**1052360000**	50
WQV 6/3	**1054760000**	50
WQV 6/4	**1054860000**	50
WQV 6/10	**1052260000**	20
E-Cu 57		
(copper alloy)		

VH

Connection sleeves

Type	Cat. No.	Qty.
VH 12	**0249000000**	100
E-Cu 57		
(copper alloy)		
for SAKT 4		
VH 8	**0266700000**	100
CuNi 60		
(copper-nickel alloy)		

BS

Fixing screws made from CuNi 60

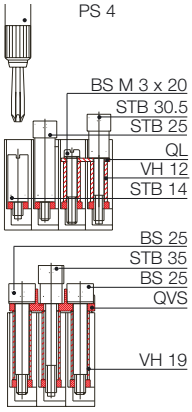
Type	Cat. No.	Qty.
BS M 3 x 20	**0377100000**	100
CuNi 60		
(copper-nickel alloy)		
for SAKT 4		
BS M 3 x 15	**0377200000**	100
CuNi 60		
(copper-nickel alloy)		

Test socket screws

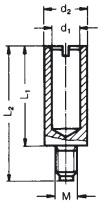
StB test socket screws

StB test socket screws are inserted into the current bar or screwed into the terminal in place of the clamping screw. They accept PS test plugs and QS cross-connecting plugs.

If a possibility to test is required with inserted cross-connection, an StB 29.5 or 30.5 which has an insulation sleeve and can accept test plug PS 4 is inserted instead of the fixing screw.

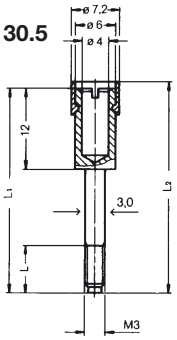


StB 5.5...17

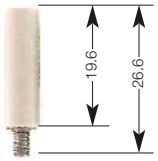


Type	Cat. No.	Qty.	L1	L2	d1	d2	M	for terminal type
StB 5.5	**0122700000**	100	5.5	11	2.3	3.7	3	SAKL 4/20[1])
StB 6	**0379400000**	100	6	11.5	2.3	3.9	3	AKZ 4, DK 4, SAKR [1])
StB 6	**0130200000**	50	6	13	2.3	3.9	2.5	SAK 2.5 [1])
StB 7	**0358500000**	100	7	14.5	2.3	4	3	SAKC 4, SAK 4[1])
StB 7.5	**0130000000**	50	7.5	17	4	6	4	SAK 10, SAKB 10[1])
StB 8.5	**0215700000**	50	8.5	11.5	2.3	4	2.5	AKZ 4 / DK 4/ SAKD 2.5 N / WDU 2.5
StB 8.5	**0280600000**	50	8.5	12	2.3	5	3	SAK 2.5 / WDU 4, 6, 10
StB 8.5	**0244600000**	50	8.5	12	2	4.5	3	SAKT 4 / WDU 4, 6, 10
StB 13.5	**0135200000**	50	13.5	18.5	4	6	4	SAKA 10 / SAKC 10
StB 14	**0168600000**	50	14	17.5	2.3	5	3	SAK 4
StB 14	**0169900000**	50	14	19	4	6	3	SAK 6 N, 10, 16 / SAKT 1, SAKT 2
StB 16	**0385400000**	50	16	28	4	7	5	SAK 70, SAK 95
StB 16	**0140200000**	50	16	23	4	7	4	SAK 35,SAKB 10
StB 17	**0147100000**	50	17	22	4	6	4	SAKC 10

StB 28.5 and 30.5



StB 21.6



Test socket screws

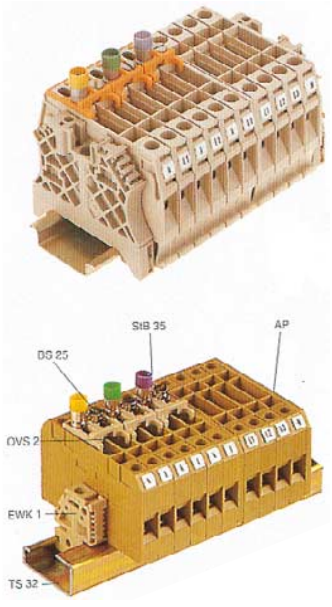
StB

for WTL/SAKT

The type StB 25 socket accepts the PS 4 test plug in type WTL 6/1, SAKT 1 and SAKT 2 disconnect-test terminals or the type QS cross-connecting plug.

The **Type StB 35** socket is used when **simultaneous** testing must be carried out with inserted cross-connection slide.

With insulation sleeves as contact-protection and colour-coding for test plugs and cross-connecting plugs with a diameter of 4 mm.



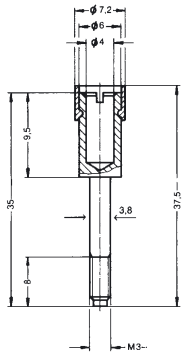
Type	Colour	Cat. No.	Qty.	L1	L2	L	for terminal type
StB 30.5	black	**0341000000**	50	30.5	31.7	7	SAK 4, SAK 6 N
StB 30.5	grey	**0341100000**	50	–	–	–	SAK 10, SAK 16
StB 30.5	blue	**0341200000**	50	–	–	–	
StB 30.5	red	**0341300000**	50	–	–	–	
StB 30.5	green	**0341400000**	50	–	–	–	
StB 30.5	yellow	**0341500000**	50	–	–	–	
StB 30.5	violet	**0341600000**	50	–	–	–	
StB 28.5	black	**0133400000**	50	28.5	29.7	9	SAK 2.5

Type	Colour	Cat. No.	Qty.	for terminal type
StB 21.6	beige	**1071000000**	50	WTL 6/3
StB 21.6	yellow	**1071010000**	50	ZTL 6
StB 21.6	green	**1071020000**	50	
StB 21.6	violet	**1071030000**	50	
StB 21.6	black	**1071040000**	50	
StB 21.6	blue	**1071080000**	50	
StB 21.6	red	**1778990000**	50	

StB 25

Type	Colour	Cat. No.	Qty.	for terminal type
StB 25	yellow	**0267200000**	50	SAKT 1 and SAKT 2
	green	**0271200000**	50	
	violet	**0271300000**	50	
	black	**0271500000**	50	
	grey	**0271400000**	50	
	blue	**0343400000**	50	
	red	**0343300000**	50	

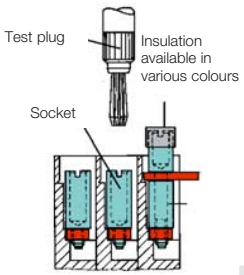
StB 35



Type	Colour	Cat. No.	Qty.	for terminal type
StB 35	yellow	**0389000000**	50	SAKT 1 and SAKT 2
	green	**0388900000**	50	
	violet	**0389100000**	50	
	black	**0388500000**	50	
	grey	**0388600000**	50	
	blue	**0388700000**	50	
	red	**0388800000**	50	

[1]) Used in place of terminal screw

Test plugs



Type PS test plugs are used for final testing of completed, wired terminal strips. Test plugs for 2.0, 2.3 and 4.0 mm diameter sockets are available.
The ZS 2.3/4 adapter plug allows a 4 mm diameter plug to be converted for a socket with a diameter of 2.3 mm.
Conversion to a 4 mm diameter test socket is possible with the flexible adapter plugs FZS 2/4 and WTA/ZS 4.

PS 2 / PS 2 MC

Type	Cat. No.	Qty.
PS 2		
for sockets of ø 2.0		
	0293800000	20
Solderable conductor cross-section 1.5 mm² (flex.)		
PS 2 MC	**0310000000**	20
Solderable conductor cross-section 0.75 mm², also directly insertable in current bar tap for type AKZ 4, AKB 4, AKZ 2.5, AKZ 1.5		

PS 2.3 / PS 4

Type	Cat. No.	Qty.
PS 2.3		
for sockets of ø 2.3		
	0180400000	20
Solderable conductor cross-section 1.5 mm² (flex.)		
PS 4		
for test sockets with ø 4		
	0299600000	20
Solderable conductor cross-section 2.5 mm² (flex.)		

ZS 2.3/4

Type	Cat. No.	Qty.
ZS 2.3/4	**0249600000**	20
Adapter plug for converting sockets with a 2.3 mm internal diameter to a 4 mm internal diameter. Also directly insertable in current bar tap with terminal types SAK 2.5 und SAK 4.		

FZS 2/4 FK 4

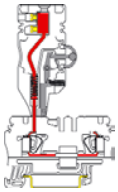
FZS 2/4 / FK 4

Type	Cat. No.	Qty.
FZS 2/4	**1276300000**	20
Flexible adapter plug for converting sockets with a 2.0 mm internal diameter to a 4.0 mm internal diameter.		
FK 4	**1678650000**	20
Flexible coupling to link test plug to adapter. The free end has a ferrule to prevent fraying.		

Test adapters

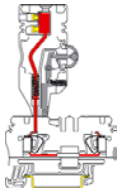
ZTA 1/...

For terminal type ZDU 2.5/..., ZPE 2.5/..., ZTR 2.5/... and ZSI 2.5/...



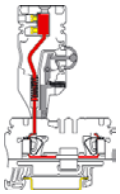
ZTA 2/...

For terminal type ZDU 4 and ZPE 4



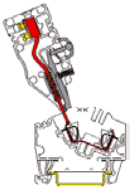
ZTA 3

For terminal type ZDU 6 and ZPE 6 (single tee-off)



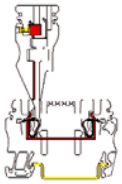
ZTA 4

For terminal type ZDU 2.5-2/... ZTR 2.5/4 AN, ZKBD 2.5/1.5, ZKSD 2.5/1.5



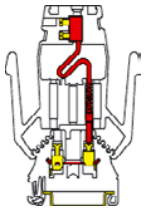
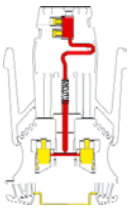
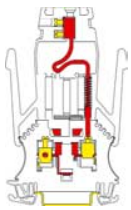
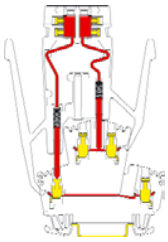
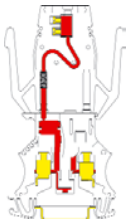
ZTA 5

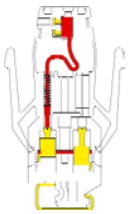
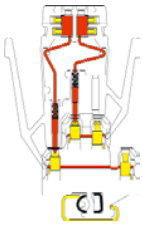
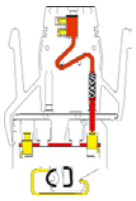
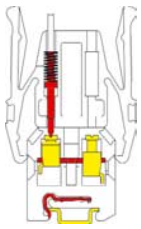
For terminal type ZDU 1.5/..., and ZDK 1.5/...



	ZTA 1/...	ZTA 2/...	ZTA 3	ZTA 4	ZTA 5
Dimensions (mm)					
Height (with TS 35 x 7.5)	99.1	103.5	105.5	112	81 (ZDU 1.5) 95 (ZDK 1.5)
Length	31.5	31.5	31.5	31	20
Pitch	5.0	6.0	5.0	5.0	3.5
Insulation stripping length	6.0	6.0	6.0	6.0	6.0
Technical data					
Rated voltage/ current/cross-section					
– acc. to IEC 60 947-7-1	250 V/9 A/1.5 mm²	250 V/9 A/1.5 mm²	250 V/9 A/1.5 mm²	250 V/11 A/1.5 mm²	200 V/13.5 A/1 mm²
– acc. to UL/CSA					
Ordering data	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
Version 1-pole	ZTA 1 **1609040000** 25	ZTA 2 **1609060000** 25	ZTA 3 **1654050000** 25	ZTA 4 **1668110000** 25	ZTA 5 **1776210000** 25
With pips	ZTA 1/ZA **1609050000** 25	ZTA 2/ZA **1609070000** 25			ZTA 5/ZA **1776220000** 25

Test adapters

	WTA 1/...	WTA 2/... WTA3/...	WTA 6/...	WTA 4/...	WTA 7/...
	For terminal type WDU 1.5	For terminal types WDU 2.5, WDU 4, WDU 2.5/1.5 ZR, WDU 1.5 ZZ WDU 6/10 (single comp.)	For terminal type WTR 2.5	For terminal types WDK 2.5, WDK 2.5 V, WDK 2.5 F, WDK 2.5 FF	For terminal types WSI 6, WSI 6/2
					
Dimensions (mm)					
Height (with TS 35 x 7.5)	98.2	107.6 / 107.6	107.6	125	120
Length	66.1	66.1 / 66.1	66.1	62	68
Pitch	5.0	5.0 / 6.0	5.0	5.0	6.0
Insulation stripping length	6.0	6.0 / 6.0	6.0	6.0	6.0
Technical data					
Rated voltage/					
-current/cross-section					
– acc. to IEC 60 947-7-1	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²
– acc. to UL/CSA	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²
Ordering data	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
Version					
1-pole	WTA 1 **1632290000** 25	WTA 2 **1632320000** 25	WTA 6 **1632380000** 25	WTA 4 **1649600000** 25	WTA 7 **1650210000** 25
		WTA 3 **1632350000** 25			
With pips	WTA 1/ZA **1632300000** 25	WTA 2/ZA **1632330000** 25	WTA 6/ZA **1632390000** 25	WTA 4/ZA **1649610000** 25	
		WTA 3/ZA **1632360000** 25			
10-pole	WTA 1/10 **1632310000** 5	WTA 2/10 **1632340000** 5	WTA 6/10 **1632400000** 5	WTA 4/10 **1649620000** 5	
		WTA 3/10 **1632370000** 5			
Accessories					
Strain relief	ZE 1 **1632150000** 25	ZE 1 **1632150000** 25	ZE 1 **1632150000** 25	ZE 1 SW **1632150000** 25	

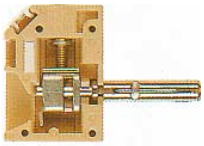
	WTA 5/...	STA 1/... STA 2/...	STA 4/...	STA 5/...	ATA 1/...
	For terminal type WDU 2.5...10	For terminal type SAK 4...10 SAK 2.5	For terminal types DK 4, DK 4V, DK 4 Q	For terminal type ASK 1	For terminal types AKZ 4, Cat. No. **153826** AKZ 4/10, Cat. No. **148936**
					
Dimensions (mm)					
Height (with TS 32)		111.6 / 107.6		106	
(with TS 35 x 7.5)	68.2	104.6 / 100.6			
(with TS 15)					67.4
Length	17.0	66.1 / 66.1		71	39.8
Pitch	5.0	6.5 / 6.0		6.0	6.0
Insulation stripping length	14	6.0 / 6.0		6.0	14
Technical data					
Rated voltage/					
current/cross-section					
– acc. to IEC 60 947-7-1	250 V/6 A/0.75 mm²**	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²	250 V/6 A/1.5 mm²	250 V/6 A/0.75 mm²**
– acc. to UL/CSA	300 V/6 A/0.75 mm²**	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²	300 V/6 A/1.5 mm²	300 V/6 A/0.75 mm²**
Ordering data	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.	Type / Cat. No. / Qty.
Version					
1-pole	WTA 5/1 **1051260000** 25		STA 4 **1649580000** 25	STA 5 **1650230000** 25	
		STA 2 **1632410000** 25			
With pips	– – –	STA 1/ZA **1632450000** 25	STA 4/ZA **1649590000** 25		ATA 1/ZA ** **1632540000** 25
		STA 2/ZA **1632420000** 25			
10-pole	WTA 5/10 **1062060000** 5				ATA 1/10 ** **1633240000** 5
Accessories*					
Mounting plate					AP/ATA 1 **1538370000** 25
Strain relief		ZE 1 **1632150000** 25			

Test adapters

TA 1

Type	Cat. No.	Qty.
TA 1	**0535860000**	20
Conductor is soldered or crimped on with an HTG 58 crimping tool		
HTG 58	**9012000000**	1
Max. conductor. 0.75 mm^2		
Remove step		
Insulation stripping length 14 mm		

TA 2



Pitch 8 mm
Pitch 10 mm with AP

Type	Cat. No.	Qty.
TA 2	**0544860000**	20
Test adapter **with** spring for use in sockets with a 4 mm ID. Connectable conductor cross-section: 2.5 mm^2.		
TA 2	**0544760000**	20
Test adapter **without** spring for screw-fitting in 8 and 10 mm wide clamping units. Conn. conductor cross-section: 2.5 mm^2. Both TA 2 designs can be linked to form any number of poles.		

Rated voltage:	250 V
Rated current:	27 A
Nominal cross-sec.:	2.5 mm^2
End plate	Width 2 mm

Type	Cat. No.	Qty.
AP	**0544960000**	20
To close the last element of a strip and to extend the pitch dimension by 2 mm by insertion (from 8 to 10 mm).		

WTA/ZS 4

Type	Cat. No.	Qty.
WTA/ZS 4 RT	**1537800000**	10
WTA/ZS 4 SW	**1568310000**	10
Flexible adapter plug for convert-ing sockets with a test adapter of the W-series to a 4 mm test socket. Length: 60 mm		

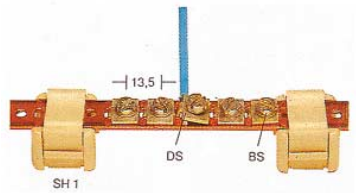
Busbars

In panels and control systems it may be necessary to unite the N and PE conductors at a central point.

For this, busbars are available to which numerous conductors can be attached without taking up too much space (up to 70 conductors on a busbar with length of 1 m). The conductors are attached via a pressure piece or a clamping yoke (see page 3/21). With the first of these variants, the lugs need not be bent. The clamp simply snaps on tightly onto the busbar. The clamping yoke is pushed onto the busbar and thus can take the wiring in the entire installation. The busbar can be used unperforated in any length. Fixing uses support blocks SH, which for long busbars can be sited between the clamping yokes.

SSch 10x3 6x6 15x6

NSch 15x2



Current loading of busbars

	A
SSch 10 x 3 Cu	140
SSch 10 x 3 Ms	100
SSch 15 x 6 Cu	265
SSch 6 x 6 Cu	140
SSch 6 x 6 Ms	100
NSch 15 x 2 Cu	80

Length 1 m

Type	Cat. No.	Qty.
SSch	**0348900000**	1
Cu tin-plated, 10 x 3 mm (140 A)		
SSch	**0438000000**	1
Steel zinc-plated, 10 x 3 mm		
SSch	**0571300000**	1
Cu tin-plated, 6 x 6 mm (140 A)		
SSch	**0571200000**	1
Ms blank, 6 x 6 mm (100 A)		
SSch	**0357400000**	1
Cu tin-plated, 15 x 6 mm (265 A)		

Length 1 m

Type	Cat. No.	Qty.
NSch	**0280200000**	1
Cu blank, 15 x 2 mm (80 A)		
DS	**0280100000**	100
Pressure piece		
BS M 5 x 8	**0296700000**	100
Clamping screw		

Connection data
Screw connection single-stranded:
0.5…2.5 mm^2, max. 27 A
Stripping length: 9 mm
Cable lug conn. max.:16 mm^2

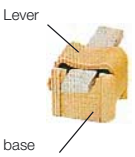
Length 1 m

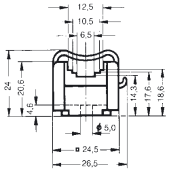
Type	Cat. No.	Qty.
ESch	**0280300000**	1
Steel gal. zinc 12 x 2 mm		
DS	**0280100000**	100
Pressure piece		
BS M 5 x 8	**0296700000**	100
Clamping screw		

Connection data
Screw connection single-stranded:
0.5…2.5 mm^2, max. 27 A
Stripping length: 9 mm
Cable lug conn. max.: 10 mm^2

Rail supports

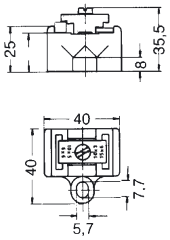
SH 1





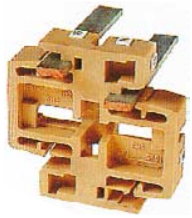
Type	Cat. No.	Qty.
SH 1 PA kpl.	**0299860000**	20
SH 1 base	**0401460000**	20
SH 1 lever	**0635900000**	500
for 10 x 3 / 6 x 6 / 15 x 2 / 12 x 2 busbars		
Accessories for SH 1 PA:		
BS M 4 x 9 Fixing screw for 1 SH 1	**0103300000**	100
BS M 4 x 30 Fixing screw for 2 xck SH 1 stacked	**0267100000**	50

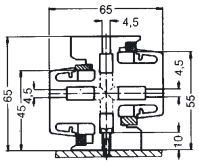
SH 2 S



Type	Cat. No.	Qty.
SH 2 S KrG	**0641720000**	10
for 10 x 3/6 x 6/15 x 6/10 x 5		

SH 3



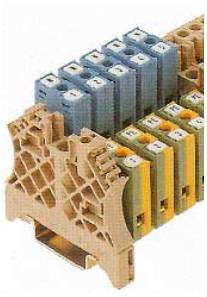


Type	Cat. No.	Qty.
SH 3 PA	**0556660000**	10
for 10 x 3/6 x 6/10 x 5		

WEW 35/1

Type	Cat. No.	Qty.
WEW 35/1	**1059000000**	500
for 10 x 3/6 x 6		
The assembly picture shows WEW 35/1 as busbar support together with the clamping yoke ZB 4 G		

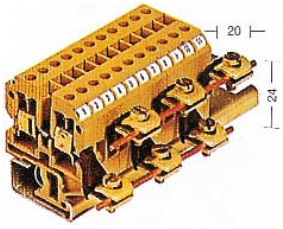
WEW 35/2



Type	Cat. No.	Qty.
WEW 35/2	**1061200000**	50
for 10 x 3/6 x 6		
The assembly picture shows WEW 35/2 as busbar support together with the clamping yoke ZB 4 G		

Connection elements

ANS top
ANS bottom



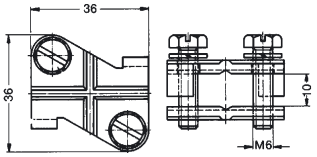
Connection for N- and PE-conductors
for use with terminal types SAK 2.5 to SAK 10.

Type	Cat. No.	Qty.
ANS (top)	**0272400000**	50
ANS (bottom)	**0272500000**	50

Connection data:	
Screw connection solid	**4…16 mm²**
250 V	25 A

The connection elements are fitted with clamping pieces according to DIN 46288.
In order to maintain the rated values, the connection elements must be offset

AK 95



Dimensions for clamping yoke AK 95

The AK 95 connection element is used as a clamping yoke for the 15 x 6 busbars. (see page 3/16).

Type	Cat. No.	Qty.
AK 95	**0364200000**	10
for busbar 15 x 6		
Connection cross-section		
solid	**= 6…16 mm²**	
flexible	**= 6…50 mm²**	
stranded	**= 16…50 mm²**	

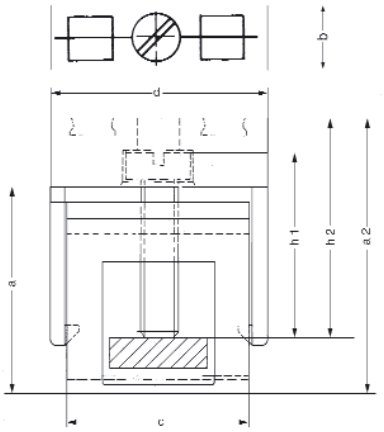
Clamping yokes

To unite the N- or PE-conductor at a central point it is best to use the ZB clamping yoke together with the busbar 10 x 3 or 6 x 6.

The clamping yokes can be slid onto the busbar and the entire wiring is matched to the installation.

The clamping yoke can be supplied with green/yellow protective caps. These caps emphasise the protection function and permit unmistakable allocation of the lead using the available marking tags.

If the clamping yoke is being used to connect the N-conductor, it can be marked with a blue insulating cap.
The ZBE 6 is also hingeable after subsequent fitting to the busbar.



Clamping yokes

Dimensions in mm

Type	Cat. No.	a	a2	b	c	d	h1	h2
ZB 4 G, green/yellow	**0322160000**	-	27.0	7.5	-	20.0	-	15.5
ZB 4 G, blue	**0322180000**	-	27.0	7.5	-	20.0	-	-
ZB 4, blank	**0316500000**	11.7	-	5.6	16.0	-	10.0	-
ZB 4 K, green/yellow	**0475360000**	-	18.5	6.3	-	19.5	-	13.0
ZB 4 K, blue	**0475380000**	-	18.5	6.3	-	19.5	-	13.0
ZB 4/6, blank	**0556700000**	14.7	-	5.5	12.5	-	10.0	-
ZB 4/6 K, green/yellow	**0565460000**	-	21.2	6.5	-	25.0	-	14.0
ZB 4 K, blue	**0565480000**	-	21.2	6.5	-	25.0	-	14.0
ZBE 6, blank	**0459500000**	19.5	-	8.0	19.5	-	19.0	-
ZBE 6 K, green/yellow	**0525960000**	-	27.0	8.0	-	22.5	-	23.0
ZBE 6 K, blue	**0525980000**	-	27.0	8.0	-	22.5	-	23.0
ZBE 6 K, black	**0525910000**	-	27.0	8.0	-	22.5	-	23.0
ZB 10, blank	**1261300000**	19.5	-	8.0	19.5	-	19.0	-
ZB 16, blank	**0316600000**	17.0	-	10.0	16.0	-	17.0	-
ZB 16 K, green/yellow	**0502860000**	-	25.5	10.0	-	19.0	-	21.0
ZB 16 K, blue	**0502880000**	-	25.5	10.0	-	19.0	-	21.0
ZB 16 K, black	**0502810000**	-	25.5	10.0	-	19.0	-	21.0
ZB 16/6, blank	**0556800000**	19.0	-	10.0	12.5	-	17.0	-
ZB 16/6 K, green/yellow	**0569660000**	-	27.5	9.5	-	25.0	-	20.0
ZB 16/6 K, blue	**0569680000**	-	27.5	9.5	-	25.0	-	20.0
ZB 35, blank	**0266500000**	21.0	-	14.0	18.5	-	20.5	-
ZB 35 K, green/yellow	**0502660000**	-	24.5	14.0	-	32.0	20.5	11.0
ZB 35 K, blue	**0502680000**	-	24.5	14.0	-	32.0	20.5	11.0
ZB 35 K, black	**0502610000**	-	24.5	14.0	-	32.0	20.5	11.0

Clamping yokes

ZB 4 G

Insulation stripping length: 16 mm

Busbar	10 x 3	
Version	Cat. No.	Qty.
		50
with blue cap	**0322180000**	50
with green/yellow cap	**0322160000**	50
with black cap	**0322110000**	50

Connection cross-section

0.5…6 mm² solid, 0.5…4 mm² flexible

Fixing screw M 3

ZB 4
ZB 4K
ZB 4/6
ZB 4/6K

Insulation stripping length: 16 mm

Busbar	10x3		6x6	
Version	Cat. No.	Qty.	Cat. No.	Qty.
without cap	**0316500000**	50	**0556700000**	50
with blue cap	**0475380000**	50	**0565480000**	50
with green/yellow cap	**0475360000**	50	**0565460000**	50
with black cap	**0475310000**	50		
Individual insulation caps				
blue	**0475480000**	50	**0565380000**	50
green/yellow	**0475460000**	50	**0565360000**	50

Connection cross-section

0.5…6 mm² solid, 0.5…4 mm² flexible

Fixing screw M 3

ZB 16
ZB 16K
ZB 16/6
ZB 16/6K

Insulation stripping length: **16 mm** **12 mm**

Busbar	10 x 3		6 x 6	
Version	Cat. No.	Qty.	Cat. No.	Qty.
without cap	**0316600000**	50	**0556800000**	50
with blue cap	**0502880000**	50	**0569680000**	50
with green/yellow cap	**0502860000**	50	**0569660000**	50
with black cap	**0502810000**	50	auf Anfrage	
Individual insulation caps				
blue	**0502980000**	50	**0565580000**	50
green/yellow	**0502960000**	50	**0565560000**	50

Connection cross-section

2.5…16 mm² solid and flexible
16 ... 25 mm² stranded

Fixing screw M 4

ZB 10

Insulation stripping length: 19 mm

Busbar	10 x 3 and 10 x 5	
Version	Cat. No.	Qty.
without cap	**1261300000**	50

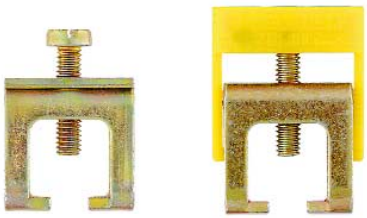
Connection cross-section

1.5…10 mm² solid/2.5…10 mm² flexible

Fixing screw M 4

ZBE 6
ZBE 6K

for subsequent positioning
on an already mounted busbar



Insulation stripping length: 19mm

Busbar 10x3

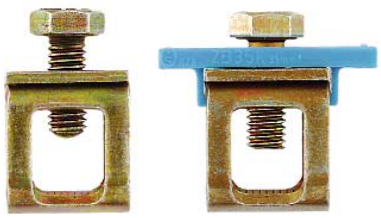
Version	Cat. No.	Qty.
without cap	**0459500000**	50
with blue cap	**0525980000**	50
with green/yellow cap	**0525960000**	50
with black cap	**0525910000**	50
Individual insulation caps		
blue	**0526080000**	50
green/yellow	**0526060000**	50

Connection cross-section

1.0…10 mm² solid and 1.5…10 mm² flexible

Fixing screw M 4

ZB 35
ZB 35 K



Insulation stripping length: 19mm

Busbar 10x3

Version	Cat. No.	Qty.
without cap	**0266500000**	20
with blue cap	**0502680000**	20
with green/yellow cap	**0502660000**	20
with black cap	**0502610000**	20
Individual insulation caps		
blue	**0502780000**	50
green/yellow	**0502760000**	50
black	**0502710000**	50

Connection cross-section

16…50 mm² stranded and 16…35mm² flexible

Fixing screw M 6

Small partitions

Small partitions type TSch

Partitions can be retrofitted between the cross-connections or the sockets for terminals up to max.12 mm.

Type	Cat. No.	Qty.
TSch 1	**0319160000**	100
For use between fixed cross-connections with differing potentials for terminal types: SAK 2.5…SAK 16 and DK 4.		

TSch 2	**0353660000**	100
For use between removable cross-connections with differing potentials for terminal types: SAK 4…16 and disconnect test terminals SAKT and WTL 6/1		
TSch 2 (orange) with cut-out for SAKT 2	**0132460000**	100

TSch 3	**0366860000**	100
For use with terminal type SAKD 2.5 N		

TSch 4	**0363360000**	100
For terminal types: AKZ 4, AKB 4, AK 4, DK 4 and DKB 4/10		

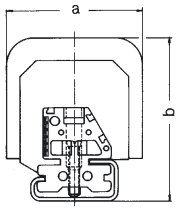
TSch 6	**0190260000**	100
For terminal types: DK 4 S, DKI 4, DKIS 4 and DKIT 4		

Partitions

WTW/TW

Depending on the operating voltage, a partition may be needed between neighbouring cross-connection groups. This is essential to maintain creepage and clearance distances.

For some terminals we supply partitions in tropical-grade cardboard (HP 020628). Partitions in cardboard type 020610 are available on request.



EExi

Assembly on TS 35/TS 32

			a	b	b	(Dimensions in mm)
Cat. No.	Material	Thick.		TS 32	TS 35	for terminal type
1058800000	WEMID	3	80	63	63	W-Reihe/EExi SAK 2.5…16/EExi
0302820000	KrG	2.5	50	59.5	50	SAK 2.5
0302830000	KrS	2.5	50	59.5	50	SAK 2.5
0302860000	PA	1.5	50	59.5	50	SAK 2.5
0130120000	KrG	2.5	50	59.5	52	SAK 4, 6 N, 10
0130130000	KrS	2.5	50	59.5	52	SAK 4, 6 N, 10
0130160000	PA	1.5	50	59.5	52	SAK 4, 6, 10 SAK 4, 6 N, 10
0281120000	KrG	3	60	65.5	–	SAK 16
0281130000	KrS	3	60	65.5	–	SAK 16
0303660000	PA	15	58	67	60.5	SAK 16
0304320000	KrG	3	74	75.5	68	SAK 35, 35 N
0304330000	KrS	3	74	75.5	–	SAK 35, 35 N
0304360000	PA	1.5	74	75.5	68	SAK 35, 35 N
0242920000	KrG	3	75	58.5	54.5	SAKB 10, C 10 SAKT 1
0242960000	PA	1.5	75	58.5	54.5	SAKB 10, C 10 SAKT 1
0191860000	PA	1.5	42.5	49	44	SAKD 2.5 N
1050100000	WEMID	1.5	51	-	63	WDU 2.5…10
0257120000	KrG	3	80		70	EEx i, SAK 2.5…16
	KrS	3	80		70	EEx i, SAK 2.5…16

Partitions in cardboard TW-HP

			a	b	b	(Dimensions in mm)
Cat. No.	Material	Thick.		TS 32	TS 35	for terminal type
0307500000	HP T*	0.5	32.5		48.5	SAKD 2.5 N
0297100000	HP T*	1	50		54.5	SAK 2.5
0197100000	HP	0.5	40		57.5	SAK 4,SAK 6 N, SAK 10, AST 3, AST 4
0474700000	HP	0.5	65		62.6	AST 1/AST 5
0151400000	HP	2	120		75.6	SAKG 28
0164600000	HP T*	2	120		75.5	SAKG 32 II SAKG 70
0177100000	HP	2	160		90.5	SAKG 32
0179900000	HP T*	2	160		90.5	SAKG 40, 46, 54 I + III
0369800000	HP T*	2	80		72.5	SAK 2.5
0369900000	HP	2	80		72.5	between fused and non-fused circuits

Assembly on TS 15

0318560000	PA	1.5	32.5	34		AKZ 2.5, 2.5 K
0318580000	PA bl	1.5	32.5	34		AKZ 2.5, 2.5 K
0118930000	KrS	2	38	38		AKZ 4, AKB 4

T* = tropical grade

End plates

WAP/AP

With few exceptions, the last terminal in a row must be covered with a type WAP / AP end plate.

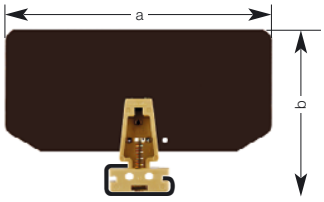
End plates must also be inserted in terminal strips with different sized terminals.The external dimensions of the end plates correspond to the outer dimensions of the respective terminals. The end plate is fixed by an end bracket.

Type		Cat. No.	Use with
WAP WDU 2.5 N WEMID		**1060000000**	WDU 2.5 N
WAP 2.5…10 WEMID		**1050000000**	WDU 2.5…10
WAP 16 and 35 WEMID		**1050100000**	WDU 16 and 35
WAP WDL 2.5/S WEMID		**1067700000**	WDL 2.5/S
WAP WDL WEMID		**1067800000**	WDL 2.5
WAP WTL WEMID		**1068300000**	WTL 6/1/WTD 6/1
WAP WDK WEMID		**1059100000**	WDK
AP		**0150960000**	SAKD 2.5 N
AP 2.5	KrG	**0279520000**	SAK 2.5 and TT
	PA	**0279560000**	KB 2.5/10,
	KrS	**0279530000**	SAK 2.5 L and LL
AP	KrG	**0117920000**	SAK 4, 6 N, 10, SAKC 4, NT 2, SLK 1, SAK 4 S and SS
	PA	**0117960000**	KB 4, 6 and 10
	KrS	**0117930000**	
AP 16	KrG	**0271120000**	SAK 16
	PA	**0271160000**	

Type		Cat. No.	Use with
AP 35	KrG	**0303620000**	SAK 35, 35 N
	PA	**0303660000**	
AP 70	KrG	**0340920000**	SAK 70
	PA	**0340960000**	
	KrS	**0340930000**	
AP 95	KrG	**0550920000**	SAK 95
AP 2.5	KrG	**0309220000**	SAK 2.5 L
AP	PA	**0438560000**	DK 4/380 Q
AP	KrG	**0266420000**	AST 1, 5 and 5 T
AP	KrG	**0298120000**	AST 3 and 4
AP	PA	**0582560000**	AST 6, TOP 2.5
AP	PA	**0483460000**	TOP 4 SF / FF
AP	KrG	**0294420000**	AKZ 4
AP	PA	**0294460000**	AKZ 4 S and SS, AKZ 4, AKZ 4 L and LL, AKZ 4 T
AP	KrG	**0146720000**	SAKT 1, SAKC 10, SAKB 10, SAKS 7
AP	KrG	**0329120000**	SAKT 2
AP	PA	**0211360000**	SAKR, SAKR-L, SAKR-D
AP	KrG	**0134220000**	SAKA 10
AP	KrG	**0191320000**	SAKS 1 and 3
AP	PA	**0340560000**	AKZ 1.5, AKZ 1.5 T
AP	PA	**0329660000**	AKZ 1.5 W
AP	KrS	**0131730000**	SAKH 6 - 10

End plates

EP end plates for SAKG



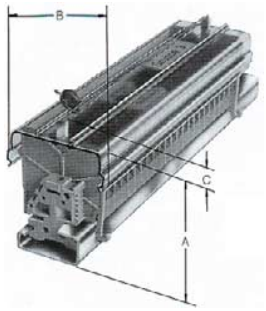
Dimensions (mm)

Cat. No.	Material	Thick.	a	b	for terminal types
Mounting on TS 32 rail					
0205100000	HP	2	120	75.5	SAKG 28, 32 II, 70
0205200000	HPT*	2	120	75.5	
0205300000	HP	2	160	90.5	SAKG 32 I + III,
0205400000	HPT*	2	160	90.5	40, 46, 54
Mounting on TS 35 rail					
0180500000	HP	2	120	75.5	SAKG 32 II, 70
0180600000	HPT*	2	120	75.5	
0180700000	HP	2	160	90.5	SAKG 32 I + III,
0180800000	HP T*	2	160	90.5	40, 46, 54

T* = tropical grade

Covers

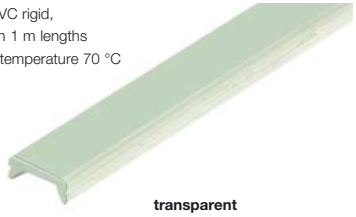
Several safety regulations, such as the accident prevention regulation "Electrical Installations and Equipment" (VBG 4) and VDE 0106 Part 100/3.83, require that the live elements in electrical equipment be protected against direct contact.
In the case of terminal, this protection must be provided by additional covers where cross-connections or test sockets are used. For this purpose, Weidmüller provides cover profiles with matching cover supports which can be used with the major terminal sizes.
The cover supports can be attached to the end or along the length of the terminal strip.
They can be attached to TS 32, TS 35 or TS 15 mounting rails.
Longitudinal spacing of the cover supports:
The longitudinal spacing of ADP 1, 2 and 3 between the cover supports should not significantly exceed approx. 500 mm.
The cover profile is snapped onto lateral ridges.
Additional fixing is provided by pins on the cover supports to which seals can also be attached.
In the case of SAK 95 terminal strips, the ADP 3 cover profile can be snapped directly onto the terminals. The profiles are transparent which enables the terminals, their accessories and markings to be visible at all times. Additional identification marks, such as group markings, can be attached.



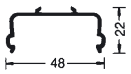
Cover profiles

ADP
Cover profiles

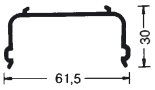
Material PVC rigid,
Supplied in 1 m lengths
max. limit temperature 70 °C



transparent



Type	Cat. No.
ADP 1	**0485200000**



Type	Cat. No.
ADP 2	**0485300000**

Type	Cat. No.
ADP 3	**0485400000**

grey

Type	Cat. No.
ADP 4 (1000 mm)	**1430760000**
ADP 4 (300 mm)	**1378160000**

Type	Cat. No.
TSK 31.5	**0347960000**

External dimensions	A	A	A	A	B	C
If fitting on mounting rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
ADP 1, HP 8				45	49	6
TSK 31.5, HP 7				35	31	6

Marking material	Cat. No.	Qty.
Card with "flash" voltage symbol, self adhesive	**0566700000**	5
20 per card		

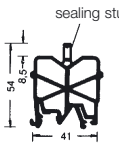
* only for versions in PA 66

Cover supports

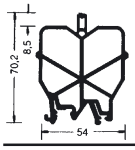
HP
Cover supports

Material PA 66
Thickness of cover supports
2 mm

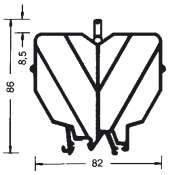
Mounting on TS 35 and TS 32 with sealing stud



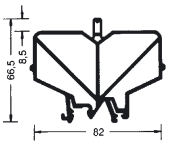
Type	Cat. No.
HP 1	**0485560000**



Type	Cat. No.
HP 2	**0485660000**

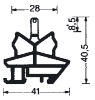


Type	Cat. No.
HP 3	**0485760000**

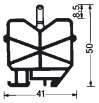


Type	Cat. No.
HP 4	**0485860000**

Montage auf TS 15



Type	Cat. No.
HP 7	**0258260000**



Type	Cat. No.
HP 8	**0258360000**

Assignment to various terminal types

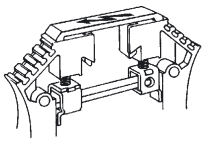
	ADP			HP		
	Cover profiles	Cat. No.	Qty.	Cover supports	Cat. No.	Qty.
SAKD 2.5 N, EK 2.5 N, SAK 2.5, SAK 2.5/35	ADP 1	**0485200000**	36	HP 1	**0485560000**	20
SAK 4, EK 4, SAK 4/35, EK 2.5/35, EK 4/35	ADP 2	**0485300000**	36	HP 2	**0485660000**	20
SAK 6 N, EK 10, SAK 10, EK 6/35, SAK 6/35, EK 10/35						
SAKR, SAKR-D, DK 4						
SAK 16, EK 16, EK 35, SAK 35, SAKC 4, SAK 16/35	ADP 3	**0485400000**	20	HP 3	**0485760000**	20
SAKC 10, SAK 70, SAKS 1, SAKS 2, Sak 35/35, SAK 70/35						
SAKS 3, SAKS 4, SAKS 5						
SAK 95	ADP 3	**0485400000**	1	none		
ASK 1, SAKA 10, SAKT 1, SAKB 10, SAKT 2,	ADP 3	**0485400000**	1	HP 4	**0485860000**	20
AST*	ADP 4	**1430760000**	1	none		
	ADP 1	**0485200000**	1	HP 8	**0258360000**	20
Length 1000 mm	ADP 4	**1430760000**	1	none		
Length 300 mm	ADP 4	**1378160000**	10			
	TSK 31.5	**0347960000**	1	HP 7	**0258260000**	20

Covers

Several VDE specifications (VDE 0106 Part 100/3.83) require that mains terminals be covered over. Weidmüller provides a range of cover plates that are overprinted with a warning flash and the international danger sign. The reverse side displays a warning flash with the text "Danger! High voltage". The covers are fastened onto the terminals with plastic screws. Covers are available for 3 and 4-pole terminal blocks. Plastic screws type BSK are used to fasten them in place.
BSK = PA 66

Covers AD/WAD

Individual covers type WAD are available for the W-series of terminals.
Although each individual terminal, with or without an insulated jumper, is protected against accidental contact, covers featuring a flash symbol according to DIN 30 600 can of course be attached to any of the W-series terminals.



printed

for in-house printing

AD 3 (3-pole)

Terminal type	Terminal width (mm)	Cat. No.	Qty.	Screw	Cat. No.	Qty.
SAK 2.5	6	**0297900000**	50	M 3 x 22	**0128900000**	100
AKZ 4	6	**0297900000**	50	M 2.5x18	**0303300000**	100
DK 4 Q	6	**0297900000**	50	M 2.5x18	**0303300000**	100
SAK 4	6.5	**0297600000**	50	M 3 x 22	**0128900000**	100
SAK 6 N	8	**0297700000**	50	M 3 x 22	**0128900000**	100
SAK 10	10	**0178500000**	50	M 3 x 22	**0128900000**	100
SAK 16	12	**0297800000**	50	M 3 x 22	**0128900000**	100
SAK 35	18	**0273400000**	50	M 4 x 32	**0129100000**	100
SAK 70	22	**0344300000**	10	M 5 x 45	**0344400000**	50
sealable screw				M 3 x 20	**0451300000**	100

AD 4 (4-pole)

Terminal type	Terminal width (mm)	Cat. No.	Qty.	Screw	Cat. No.	Qty.
SAK 2.5	6	**0303400000**	50	M 3 x 22	**0128900000**	100
AKZ 4	6	**0303400000**	50	M 2.5x18	**0303300000**	100
DK 4 Q	6	**0303400000**	50	M 2.5x18	**0303300000**	100
SAK 4	6.5	**0285300000**	50	M 3 x 22	**0128900000**	100
SAK 6 N	8	**0196600000**	50	M 3 x 22	**0128900000**	100
SAK 10	10	**0178600000**	50	M 3 x 22	**0128900000**	100
SAK 16	12	**0518200000**	50	M 3 x 22	**0128900000**	100
SAK 35	18	**0178700000**	50	M 4 x 32	**0129100000**	100
SAK 35 N	16	**0576700000**	50	M 4 x 32	**0129100000**	100
sealable screw				M 3 x 20	**0451300000**	100

	Type	Cat. No.	Qty.
WAD 4 for terminal type WDU 2.5 N and WPE 2.5N			
WAD 5 for terminal type WDU 2.5 and WDU 4			
WAD 8 for terminal type WDU 6 and WDU 10			
WAD 12 for terminal type WDU 16 and WDU 35			
WAD 4 yellow		**1072000000**	50
WAD 5 yellow		**1053460000**	50
WAD 8 yellow		**1053560000**	50
WAD 12 yellow		**1055960000**	50
WAD 4 white		**1072100000**	50
WAD 5 white		**1056060000**	50
WAD 8 white		**1056160000**	50
WAD 12 white		**1056260000**	50

Covers

TBS 2 / BST 2

for the SAK series

Version

- For covering blank cross-connections on SAK 2.5 … SAK 16
- For labelling functional groups
- Simple assembly by sliding the new type of separator into the existing separator slot in the terminal
- Marking tag snaps onto the new separator
- Sturdy marking tags can be labelled with a fibre-tip pen for permanent identification or a pencil for temporary markings that can be wiped off

	Cat. No.
materials	
Type	
TBS 2 of polyamide	
BST 2 of plasticizer-free PVC	
Ordering data	
Type	
Small partition TBS	**1287860000**
Marking strip BST 2 (30 cm length)	**1287700000**

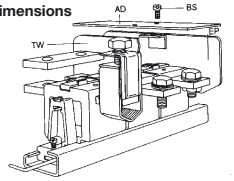
Cover plates

Assembly can be achieved with either two end plates or with one end plate and one separator with a mounting bracket.

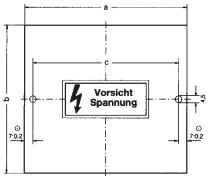
AD
for SAKG

Cover plates with adhesive label

Cover plate dimensions



2 mm thick



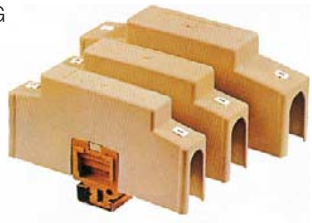
	Type	Cat. No.	a	b	c
for SAKG 28	AD 3	–	89	120	74
for SAKG 28	AD 4	**0263100000**	116	120	102
for SAKG 32 and 70	AD 4	**0283100000**	132	120	118
for SAKG 40	AD 3	124	160	110	
for SAKG 40	AD 4	**0263200000**	164	160	150
for SAKG 46	AD 4	**0263300000**	188	160	174
for SAKG 54	AD 3	**0264900000**	166	160	152
for SAKG 54	AD 4	**0261100000**	220	160	206

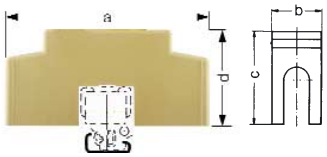
Hoods

In the case of open-type terminals such as SAKG, hoods are used instead of cover plates in order to achieve the required degree of protection against accidental contact (VBG 4).

Hoods are simply fitted onato the terminals.
See table for ordering details and dimensions.

AH
for SAKG





Dimensions

	Type	Cat. No.	a	b	c	d
for SAKG 28	AH 28	**0326660000**	156	26	74	94
for SAKG 32/70	AH 32	**0326760000**	156	30	74	94
for SAKG 40	AH 40	**0326860000**	186	38	78	94
for SAKG 46	AH 46	**0326960000**	196	46	78	94

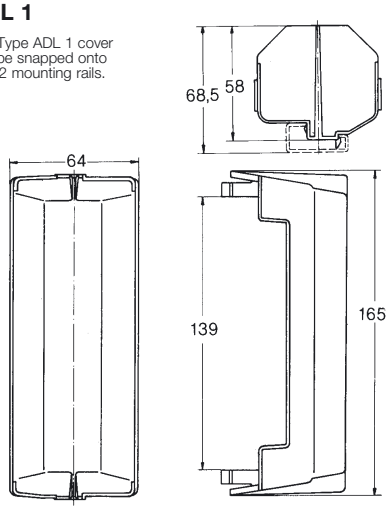
Cover profiles for terminal strips

To protect against shock, dust and moisture. Weidmüller offers cover profiles which, for examble, are used in signal masts or in lighting column distributions.

Weidmüller produces completely fitted and marked terminal strips according to your wishes.

ADL 1

The Type ADL 1 cover can be snapped onto TS 32 mounting rails.

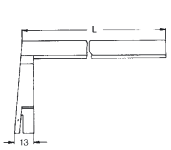


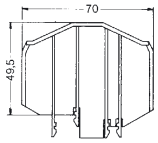
Terminals which can be fitted under the cover profile:

TS 32
SAKD 2.5 N to SAK 10
EK 2.5 N to EK 10
SAKR, ASK 1, SAKT 1, SAKT 4, SAKB 10
SAKS 1, SAKS 3

Type	Cat. No.	Qty.
ADL 1	**0210800000**	2

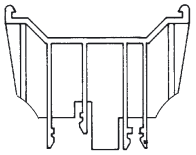
ADL 2





HP

Suitable for
TS 32 and TS 35 x 7.5 !
Height TS 32: 64.5 mm
Height TS 35 x 7.5: 63 mm



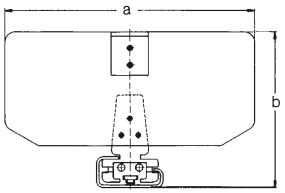
Terminals which can be fitted under the cover profile:

TS 32	TS 35
SAKD 2.5 N to SAK 10	WDU 2.5 to WDU 10
EK 2.5 bis EK 10	WPE 2.5 to WPE 10
SAKR, ASK 1, SAKT 1, SAKB 10	WNT 2.5 to WNT 10
SAKS 1, SAKS 3	ASK 1,
	SAKS 1/35, SAKS 3/35

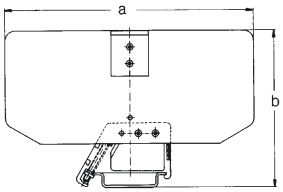
Type	Cat. No.	Qty.
ADL 2/250 L = 250 mm	**0634100000**	1
ADL 2/400 L = 400 mm	**0634200000**	1
HP	**0634300000**	1

End plates

End plate with mounting bracket EP ... /32



End plate with mounting bracket EP ... /32



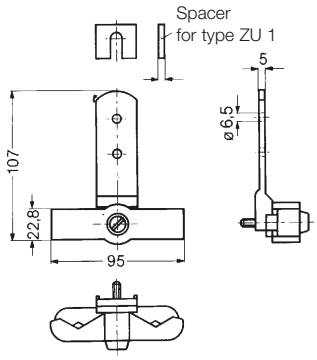
Type	a	b	Cat. No.
EP 1 for SAKG 28 and SAKG 70	120	75.5	**0271800000**
EP 2 for SAKG 32, 40, 46 and 54	160	90.5	**0271900000**

Type	a	b	Cat. No.
EP 1/35 for SAKG 32 and SAKG 70	120	76.5	**1381600000**
EP 2/35 for SAKG 32, 40, 46 and 54	160	91.5	**0182000000**

Strain relief clamp

ZU 1

Strain relief clamp for cable up to 30 mm diameter.
The strain relief clamp is fitted between the TS and the base with the TS fixing screw.
The second fixing screw is used for spacers.



Type	Cat. No.	Qty.
ZU 1	**0240600000**	2

Accessories

Terminal markers

Selection table

Terminals			Markers			Tag carriers																					
	Terminal width		dekafix	WS	ZS	WS 3	S 10	BZP 2	SchT 1	SchT 3	SchT 7	SchT 8/TBS 1	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/WAD 5	WGB 8/WAD 8	WAD 12	WAD 27	T 3	T 4	T 5	T 6	WT 4	WT 5	WT 6	ZGB
AK 4	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-
AKB 4	6	see AKZ 4																									
AKE 2.5	5	see AKZ 2.5																									
AKZ 1.5...	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 2.5...	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 4...	6	-	6	8/5	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-
AKZ 4 SS	6	-	6	8/5	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-
AKZ 4 ST	6	see AKZ 4 SS																									
ASK 1	8	-	8	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
AST 1	6.5	-	6.5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x
AST 3	6.5	-	6.5	8/5	-	-	-	-	x	x	x	-	x	x	-	-	-	-	-	x	-	-	-	-	-	-	-
AST 4	6.5	-	6.5	8/5	-	-	-	-	x	x	x	-	x	x	-	-	-	-	-	x	-	-	-	-	-	-	-
AST 5	6.5	-	6.5	12/6.5	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	x	x	-	-	-	-	-	x
AVR 4	6.55	-	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BZT ZVL 1.5	5.08	-	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DK 4 Q	6	-	6	-	-	-	-	-	-	-	x	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
DK 4 S	6	-	6	-	-	-	-	-	-	-	x	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
DKI; DKIS 4;DKIT4	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-
DKT 4	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DLA 2.5...	6	-	6	8/5	-	x	-	-	-	-	x	x	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-
DLD 2.5...	6	-	6	8/5	-	x	-	-	-	-	x	x	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-
DLI 2.5	6	-	6	8/5	-	x	-	-	-	-	x	x	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-
DSG 1.5	5.08	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSK 1.5	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 10	10	-	5	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
EK 16	12	-	5	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	-	x	-	-	-
EK 2.5 N	6	-	6	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
EK 35	18	-	5	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	-	x	-	-	-
EK 4	8	-	8	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
EW 15	9.5	-	5	12/5	-	-	x	x	x	x	x	-	x	-	x	-	-	-	-	x	x	x	x	x	x	x	-
EW 15/2	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EW 35	8.5	-	5	8/5	-	-	x	x	x	x	-	-	-	-	x	-	-	-	-	x	x	x	x	x	x	x	-
EWK	8.5	-	5	8/5	-	-	-	-	x	x	-	-	-	-	-	-	-	-	-	x	x	x	-	x	-	-	-
EWK 1	8.5	-	5	8/5	-	-	x	x	x	x	-	-	-	-	x	-	-	-	-	x	x	x	x	x	x	x	-
EWK 2	8.5	-	5	8/5	-	-	-	-	x	x	-	-	-	-	-	-	-	-	-	x	x	x	-	x	-	-	-
IDU 1.5 N*			5	10/5*	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
IDU 1.5 N/3AN		see IDU 1.5 N																									
IDU 1.5 N/4AN		see IDU 1.5 N																									
IDK 1.5N*			5	10/5*	10/5	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IDK 1.5N/V*			5	10/5*	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
IDK 1.5N/ZF*		see IDU 1.5 N/V																									
IDK 1.5N/ZB		see IDU 1.5 N/V																									
IPE 1.5N		see IDU 1.5 N/V																									
IPE 1.5N/3AN		see IDU 1.5 N/V																									
IPE 1.5N/4AN		see IDU 1.5 N/V																									
IPE 1.5N/PE		see IDU 1.5 N/V																									
IPE 1.5N/ZF		see IDU 1.5 N/V																									
IPE 1.5N/ZB		see IDU 1.5 N/V																									
ITR 1.5N		see IDU 1.5 N/V																									
ITR 1.5N/SI		see IDU 1.5 N/V																									
ITR 1.5N		see IDU 1.5 N/V																									
IEK 1.5N 3L PE		see IDU 1.5 N/V																									
IEK 1.5N 3L		see IDU 1.5 N/V																									
IEK 1.5N 4L PE		see IDU 1.5 N/V																									
IAK 1.5N 3L		see IDU 1.5 N/V																									
IIK 1.5N 3L		see IDU 1.5 N/V																									
IIK 1.5N 4L		see IDU 1.5 N/V																									
KDK S1...	8	-	8	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
KSKM	13	-	5	8/5	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-
KST 5, 6, 8, 10, 12	24	-	5	8/5	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	-	-	x	x	x	-
MAK 2.5	6	see VLI 1.5																									
SAK 10	10	-	5	8/5	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAK 16	12	-	5	8/5	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAK 2.5 KRG	6	-	6	8/5	-	-	-	-	-	x	x	-	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAK 2.5 PA	6	-	6	8/5	-	-	-	-	-	x	x	x	x	x	x	-	-	-	-	-	-	-	-	x	-	-	-
SAK 35	18	-	5	12/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	-	x	-	-	-
SAK 35 N	16	-	5	12/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	-	x	-	-	-
SAK 4...	6.5	-	6.5	8/5	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAK 6 N	8	-	8	8/5	-	-	-	-	x	x	x	x	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAK 70	22	-	5	12/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	x	x	x	x	-

Terminal markers

Selection table

Terminals			Markers			Tag carriers																					
	Terminal width		dekafix	WS	ZS	WS 3	S 10	BZP 2	SchT 1	SchT 3	SchT 7	SchT 8/TBS 1	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/WAD 5	WGB 8/WAD 8	WAD 12	WAD 27	T 3	T 4	T 5	T 6	WT 4	WT 5	WT 6	ZGB
SAK 95	28	-	5	12/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	x	x	x	x	x	-
SAKA 10	12	-	5	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	x	-	-	-	-	-	-
SAKB 10	10	-	5	8/5	-	-	-	-	x	x	x	-	x	x	x	-	-	-	-	x	-	-	-	-	-	-	-
SAKC 10	12	-	5	8/5	-	-	-	-	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
SAKC 4	6.5	-	6.5	-	-	-	-	-	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
SAKD 2.5 N	5	-	5	-	-	-	-	-	-	-	x	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
SAKG 28, 32,..70	28	-	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	-	-	-	-	-	-
SAKK 10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAKK 4	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAKR...	6.5	-	6.5	-	-	-	-	-	x	x	x	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
SAKS 1	13	-	5	8/5	-	-	-	-	x	x	-	-	-	-	x	-	-	-	-	x	x	-	-	-	-	-	-
SAKS 2	28	-	5	12/5	-	-	-	-	x	x	-	-	-	-	x	-	-	-	-	x	x	-	-	-	-	-	-
SAKS 3	13	see SAKS 1																									
SAKS 4	24	-	5	12/5	-	-	-	-	x	x	-	-	-	-	x	-	-	-	-	x	x	x	-	x	-	-	-
SAKS 5	28	-	5	12/5	-	-	-	-	x	x	-	-	-	-	x	-	-	-	-	x	x	x	-	x	-	-	-
SAKT 1	8	-	8	8/5	-	-	-	-	x	x	x	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
SAKT 2	8	-	8	12/5	-	-	-	-	x	x	-	-	-	-	x	-	-	-	-	x	x	x	x	x	x	x	-
SAKT 4	6	-	6	8/5	-	-	-	-	x	x	-	-	x	x	-	-	-	-	-	x	x	-	-	-	-	-	-
SS 6	18	-	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	-	-	x	-	-	-
SS 8, 10, 12	36	-	5	12/5	-	x	-	-	-	-	-	-	-	-	x	-	-	-	-	x	x	-	-	x	x	x	-
ST 5	16.3		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STSL 5	16.3	see ST 5																									
TAL	4	-	-	10/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOP 4	6	-	6	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x
VLI 1.5...	6	-	6	8/5	-	-	-	-	-	-	x	-	x	x	-	-	-	-	-	-	-	-	-	x	-	-	x
WDK 1.5/3.5	3.5	see WDU 1.5/3.5																									
WDK 2.5 400V	5	-	5	8/5	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	x	-	-	x
WDK 2.5 800V	6	-	6	8/5	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	x	-	-	x
WDK 2.5 D	5	see WDK 2.5																									
WDK 2.5 DU/PE	5	see WDK 2.5																									
WDK 2.5 E	5	see WDK 2.5																									
WDK 2.5 E GET.SCH.	5	see WDK 2.5																									
WDK 2.5 F	5	-	5	8/5	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	x	-	-	x
WDK 2.5 FF	5	-	5	8/5	-	x	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	x	-	-	x
WDK 2.5 FFV	5	see WDK 2.5 FF																									
WDK 2.5 FV	5	see WDK 2.5 F																									
WDK 2.5 GD	5	see WDK 2.5																									
WDK 2.5 LD	5	see WDK 2.5																									
WDK 2.5 PE	5	see WDK 2.5																									
WDK 2.5 T	5	see WDK 2.5																									
WDK 2.5 TT	5	see WDK 2.5																									
WDK 2.5 V	5	see WDK 2.5																									
WDK 2.5/ BLA R5.08	5.08	-	5	8/5	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	x	x	-	-	-	-	-	-
WDK 2.5/ BLZ R5.08	5.08	s. WDK 2.5/BLA																									
WDK 2.5/ BLZ R7.62	7.62	-	5	5/7.62	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	x	x	-	-	-	-	-	-
WDK 2.5/ZQV	5	see WDK 2.5																									
WDL 2.5 TR-DU	6	see WDL 2.5/...																									
WDL 2.5/...	6	-	6	8/5		-	-	-	-	-	-	x	-	-	x	-	-	-	-	-	-	-	x	-	x		
WDL 2.5/S/...	6	-	6	8/5		-	-	-	-	-	-	x	-	-	x	-	-	-	-	-	-	-	-	x	-	-	x
WDL 2.5/S/L/L	6	see WDL 2.5 /S/...																									
WDL 2.5/ S/NT/L/PE	6	see WDL 2.5 /S/...																									
WDL 2.5 TR-DU-PE	6	see WDL 2.5/...																									
WDT 1.5	6.5	-	6.5	8/5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-
WDTR 2.5...	6.2	-6	12/5	10/5	-	-	-	-	-	-	-	x	x	-	-	-	-	-	-	-	-	-	x	-	-	x	
WDU 1.5 LD/BLA	5.08	see WDU 1.5/BLA																									
WDU 1.5/BLA	5.08	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	x	x	x	-	x	x	x	x
WDU 1.5/ BLZ R7.62	7.62	-	5	5/7.62		x	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	-	x	x	x	x
WDU 1.5/ BLZ/5.08	5.08	see WDU 1.5/BLA																									
WDU 1.5/ BLZ/LD/5.08	5.08	see WDU 1.5/BLA																									
WDU 1.5/ BLZ/R 5.08	5.08	see WDU 1.5/BLA																									

Terminal markers

Selection table

Terminals			Markers			Tag carriers																					
	Terminal width		dekafix	WS	ZS	WS 3	S 10	BZP 2	SchT 1	SchT 3	SchT 7	SchT 8/TBS 1	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/WAD 5	WGB 8/WAD 8	WAD 12	WAD 27	T 3	T 4	T 5	T 6	WT 4	WT 5	WT 6	ZGB
WDU 1.5/R/BLA	5.08	see WDU 1.5/BLA																									
WDU 1.5/3.5	3.5	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 1.5/ZZ	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 10	10	-	5	12/5		x	-	-	-	-	x	-	x	x	x	x	x	-	-	-	-	-	-	x	x	x	x
WDU 10 SL	10	-	5	12/5		-	-	-	-	-	x	-	x	x	x	x	x	-	-	-	-	-	-	x	x	x	x
WDU 120/150	32	-	5	12/5		x	-	-	-	-	-	-	-	-	x	-	-	-	x	x	x	-	-	x	-	-	-
WDU 16	12	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	x	-	-	-	-	-	x	x	x	x
WDU 16 N	12	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 16/ZA	12	see WDU 16																									
WDU 2.5	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	x	-	-	-	-	-	-	-	x	x	x	x
WDU 2.5 F	5	-	5	12/5		x	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	-
WDU 2.5 FF	5	-	5	12/5		x	-	-	-	-	x	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	-
WDU 2.5 L/LL	5	see WDU 2.5																									
WDU 2.5 N (WDU 1.5)	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 2.5 T	5	-	5	12/5		x	-	-	-	-	x	-	x	-	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 2.5/1.5/ZR	5	see WDU 2.5																									
WDU 2.5/1.5/ZZ	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 2.5/10/BEZ	5	see WDU 2.5																									
WDU 1.5/ BLA R5.08	5.08	see WDU 1.5/BLA																									
WDU 2.5/ BLZ R7.62	7.62	-	5	5/7.62		x	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	-	x	x	x	x
WDU 35 N	16	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 35/ZA	16	see WDU 35 N																									
WDU 35	16	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	x	-	-	-	-	-	x	x	x	x
WDU 4	6	-	6	12/6		x	-	-	-	-	x	-	x	x	x	x	-	-	-	-	-	-	-	x	x	x	x
WDU 4 SA	6	see WDU 4																									
WDU 4 SL	6	-	6	12/6		-	-	-	-	-	x	-	x	x	x	x	-	-	-	-	-	-	-	x	x	x	x
WDU 4 SQ	6	-	6	12/6		x	-	-	-	-	x	-	x	-	x	-	-	-	-	-	-	-	-	x	x	x	x
WDU 4/10/BEZ	6	see WDU 4																									
WDU 6	8	-	8	12/5		x	-	-	-	-	x	-	x	x	x	x	x	-	-	-	-	-	-	x	x	x	x
WDU 6/10/BEZ	8	see WDU 6																									
WDU 6 SL	8	-	8	12/5		-	-	-	-	-	x	-	x	x	x	x	x	-	-	-	-	-	-	x	x	x	x
WDU 70/95	27	-	5	12/5		x	-	-	-	-	-	-	-	-	x	-	-	-	x	x	x	-	-	x	-	-	-
WDU 70N	20.5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	x	x	x	-	x	x	x	x
WDUL 4	6	see WDU 4																									
WEW 32/1	12.2	see WEW 35/1																									
WEW 35/1	12.2	-	5	12/5		x	x	x	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WEW 35/2	8	-	8	12/5		x	x	x	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	-
WFF 35...	27	-	5	12/5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	-	x	-	-	-
WMA 4	6	see WDU 4																									
WMA 4/4	6	see WDU 4																									
WMA 4/5	6	see WDU 4																									
WNT 10	10	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 16 N	12	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 2.5	5	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 35 N	16	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 4	6	-	6	12/6		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 6	8	-	8	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WNT 70 N	20.5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 1.5/ZZ	5	see WPE 2.5																									
WPE 10	10	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 120	32	see WDU 120/150																									
WPE 16	12	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 16 N	12	-	5	12/5		-	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 2.5	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 2.5 N (WPE 1.5)	5	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 2.5/1.5/ZR	5	see WPE 2.5																									
WPE 35	16	-	5	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 4	6	-	6	12/6		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 6	8	-	8	12/5		x	-	-	-	-	x	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
WPE 70 N	20.5	see WDU 70 N																									
WPE 70/95	27	see WDU 70/95																									
WPO 4	6	-	6	10/6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	x
WSI 6...	8	-	8	12/5		x	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
WTD 6/1	8	see WTL 6/1																									
WTL 6/1	8	-	8	12/5		-	-	-	-	-	-	-	-	-	x	-	-	-	-	x	x	x	-	x	x	x	x
WTL 6/1/STB	8	see WTL 6/1																									

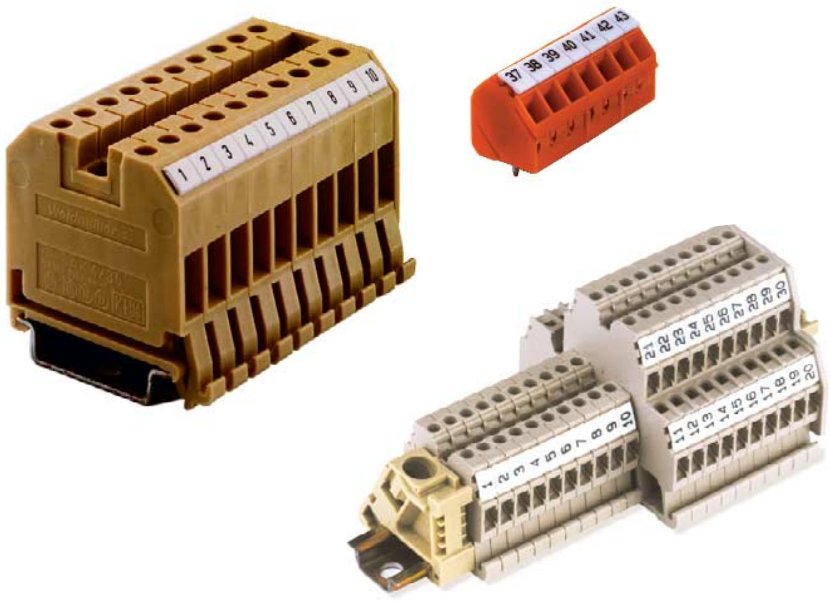
Terminal markers

Selection table

Terminals			Markers			Tag carriers																				
	Terminal width		dekafix	WS	ZS	WS 3	S 10	BZP 2	SchT 1	SchT 3	SchT 7	SchT 8/TBS 1	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/WAD 5	WGB 8/WAD 8	WAD 12	WAD 27	T 3	T 4	T 5	T 6	WT 4	WT 5	WT 6	ZGB
WTL 6/2	8	-	8	12/5		-	-	-	-	-	-	-	-	-	x	-	-	-	-	x	x	x	-	x	x	x	x
WTL 6/3/STB	8	see WTL 6/2																									
WTQ 6/1	8	see WTL 6/1																									
WTR 2.5	5	-	5	12/5		x	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
WTR 2.5 D	5	see WTR 2.5																									
WTR 2.5 L/LL	5	see WTR 2.5																									
WTR 2.5/ZZ	5	-	5	12/5		-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZAP/TW ZIA 1.5/...	3.8	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZBLD 2.5/1.5	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 2.5/1.5...	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDK 4/S/...	6	-	6	-	12/6	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	x
ZDK 6/S/...	8	-	8	-		-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	x
ZDKB	5	see ZDK 2.5/1.5																									
ZDKS	5	see ZDK 2.5/1.5																									
ZDL 2.5/...	5	-	5	-	10/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
ZDLD 2.5/1.5	5	see ZDL 2.5/...																									
ZDLD 2.5/1.5V	5	see ZDL 2.5/...																									
ZDTR 2.5	5	see ZTR 2.5																									
ZDU 10	10	-	5	12/5	15/5	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	x	x	-	x
ZDU 10/S...	10	-	5	10/5	15/5	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	x
ZDU 16	12	-	5	12/5	15/5	-	-	-	-	-	-	-	x	-	x	-	-	-	-	-	-	-	-	x	x	-	x
ZDU 16/S...	12	-	5	10/5	15/5	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	x
ZDU 2.5	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDU 2.5/10	5	see ZDU 2.5																									
ZDU 2.5/2x2AN...	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDU 2.5-2/3AN	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDU 2.5/3AN/10	5	see ZDU 2.5																									
ZDU 2.5-2/4AN	5	s. ZDU 2.5-2/3AN																									
ZDU 2.5/4AN/10	5	see ZDU 2.5																									
ZDU 2.5/3AN	5	see ZDU 2.5																									
ZDU 2.5/4AN	5	s. ZDU 2.5 2x2AN																									
ZDU 35...	16	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDU 4...	6	-	6	12/6	12/6	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDU 6...	8	-	8	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZDUA 2.5-2	5	-	5	8/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	x
ZDUB 2.5-2/2AN	5	-	5	8/5	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
ZDUB 2.5-2/4AN	5	s. ZDUB 2.5-2/...																									
ZEI 16	16	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZIA 1.5 3L...	5.08	-	5	8/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	x
ZIA 1.5 4L	5.08	see ZIA 1.5 3L																									
ZK 3 S	5	s. ZKBD 2.5/1.5																									
ZKB	5	s. ZKBD 2.5/1.5																									
ZKBD 2.5/1.5	5	-	5	8/5	10/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZKBD 2.5/1.5 PE	5	see ZKBD 2.5/1.5																									
ZKS	5	see ZKBD 2.5/1.5																									
ZKSD 2.5/1.5	5	see ZKBD 2.5/1.5																									
ZKSD 2.5/1.5 PE	5	see ZKBD 2.5/1.5																									
ZMAK 2.5	5	-	5	10/5	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	x
ZPE 10	10	see ZDU 10																									
ZPE 10/S	10	see ZDU 10/S																									
ZPE 16	12	see ZDU 16																									
ZPE 16/S	12	see ZDU 16/S																									
ZPE 2.5	5	see ZDU 2.5																									
ZPE 2.5/3AN	5	see ZDU 2.5/3AN																									
ZPE 2.5/4AN	5	see ZDU 2.5/4AN																									
ZPE 2.5-2/3AN	5	s. ZDU 2.5-2/3AN																									
ZPE 2.5-2/4AN	5	s. ZDU 2.5-2/4AN																									
ZPE 35	16	see ZDU 35																									
ZPE 4	6	see ZDU 4																									
ZPE 6	8	see ZDU 6																									
ZPEA 2.5-2	5	see ZDUA 2.5-2																									
ZPEB 2.5-2/2AN	5	s. ZDUB 2.5-2/...																									
ZPV 1.5	5.08	-	5	12/5	15/5	-	-	-	-	-	-	-	x	x	x	-	-	-	-	-	-	-	-	x	x	x	x
ZRV 1.5...	5	-	5	8/5	10/5	-	-	-	-	-	-	-	x	x	x	-	-	-	-	-	-	-	-	x	-	-	x
ZSI 2.5	8	-	8	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZSI 2.5/2	12		5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	x	x	x
ZSLD 2.5/1.5	5	see ZBLD 2.5/1.5																									
ZTR 2.5...	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	x
ZTR 2.5/3AN...	5	-	5	12/5	15/5	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	x	-	-	x
ZVL 1.5	5	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Accessories for terminal markers

dekafix



Dekafix (DEK) markers are intended for use with the Weidmüller SAK and Z series. They are flush-fitting, so ensuring an optimal and secure fit. With dekafix you have access to one of the largest ranges with standard print. Dekafix is of course also compatible with all other Weidmüller connectors.

- Connector markers suitable for all Weidmüller wiring and plug-in connectors, also for electronics modules
- The system is especially suitable for short sequences of numbers with ready-to-use print
- Large selection of ready-to-use printed markers
- Strip assembly for rapid fitting in one operation
- Markers available ex-stock in all colours of the international colour code.
- Easy to read high-contrast print.
- Available in 5 widths.

For individual printing

- Marking as plotter print,
- Data acquisition possible from many CAD programs, files or manual lists.
- Available in **MultiCard** format.

Technical data

Material	Polyamide, halogen-free
Flammability acc. to UL 94	V2
Temperature range	– 40 °C to +100 °C
Dimensions	Height x width (pitch)
	Example: Card height is always 5mm DEK 5 = 5 mm wide, for terminals with 5mm pitch
	DEK 5/6.5 MC=5mm high, 6.5 mm wide
Colours	available in colours of international resistance colour code, for MC on request
	● black, ● brown, ● red, ● orange, ● yellow, ● green, ● blue, ● violet, ● grey, O white
Possible marker systems	SMark, Printjet, Plotter, MC-Mobilo, STI
	Standard print or individual print acc. to specifications (file or list).
	Wipe resistance based on DIN IEC 50.
Assembly instructions	Strip assembly if the marker pitch (width) corresponds to the terminal pitch.
	e.g. DEK 0 5mm pitch for terminals with 5mm pitch, such as WDU 2.5.
	fitting of individual tags if the terminal pitch is larger than the marker pitch,
	e.g. DEK 6.5 can be individually mounted on WDU 6.
	Weidmüller markers with pitch (width) 5 mm are suitable for all terminal widths.

Ordering details - DEK cards

Definition of quantity	1 card = 50 pieces (DEK 6.5,DEK 8) 1 double card = 10 strips = 100 pieces (DEK 5; DEK 6)
Order quantity	Order and delivery quantity in number of individual plates, e.g. 500 units
Minimun order quantity	1 package = 500 pieces
Packing	Box or foil bag
Ordering example	Standard print for DEK 5, consecutively horizontal (FW), with numbers 51 … 100
	Cat. No. **0473460000** and Variant No. 0051= **0473460051**
Print variants	See appendix; please add Variant No. to Cat. No.

Ordering details - Multicard

Definition of qty.	1mat
Minimum order qty.	See page...
Packing	Box

Number of chars. for using the following plotter fonts

Pen size		0.18	0.25	0.35	0.18	0.25	0.35
Font (Pt.)		10	10	10	4	5	6
Length	**3.5**	2	2	2	5	4	3
Length	**5**	2	2	2	5	4	3
Length	**6**	2	2	2	6	5	4
Length	**6.5**	3	3	3	7	5	4
Length	**8**	4	4	4	9	7	6

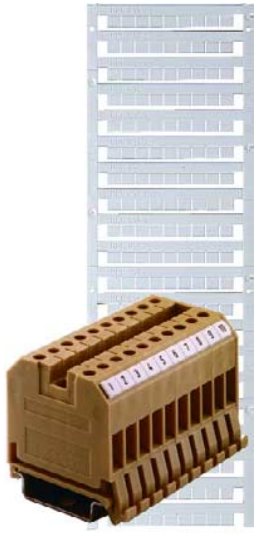
Notes regarding individual print:

1. Please send along with your written order via disc or e-mail your specifications
   - as Excel file (all data in one column)
   - as ASCII file (all data in one column)
   - additional information such as person in charge or tel. no. for queries should be included in the files
   - E-mail adress: Printdata@Weidmueller.de
2. Please indicate the file name with your order
3. Non-electronic orders (Cat. No. for manual input = 1578800000) will cause a higher price and longer delivery time.
4. For individual print MultiCard, we offer to you the order-software **M-Comm 2** (no. 1759790000); see Internet page www.m-comm.de.
   For Cat. No., see under software **M-Comm 2.**

Accessories for terminal markers

dekafix (for variants, see Appendix starting on page 296)

Print example standard



DEK (MultiCard)
Terminal markers

consecutive
horizontal
(GW)

consecutive
horizontal **(FW)**

consecutive
horizontal
in rows **(FWZ)**

consecutive
vertical **(GS)**

consecutive
vertical **(FS)**

consecutive
vertical
in rows **(FSZ)**

Terminal width ≥ **5 mm**			
Type	Colour	Cat. No.	Qty.
dekafix 5 (DEK 5)			
Standard print see Appendix			
Imprint			
DEK 5	white	**Page 88 onw.**	500
Letters, Numbers, Special mark			
Custom specific print			
DEK 5	white	**0490760000**	500
orange, red, grey, yellow, brown,			
green, blue, violet		**0490790000**	500
Specify the desired colour			
DEK 5/5 **MultiCard**		**1609810000**	200
Neutral			
DEK 5	white	**0473361044**	500
DEK 5	orange	**0473391690**	500
DEK 5	red	**0473391686**	500
DEK 5	grey	**0473391691**	500
DEK 5	yellow	**0473391687**	500
DEK 5	brown	**0473391692**	500
DEK 5	green	**0473391688**	500
DEK 5	blue	**0473391693**	500
DEK 5	violet	**0473391689**	500
DEK 5	black	**0473391694**	500
DEK 5/5 **MultiCard**		**1609800000**	1000

Terminal width ≥ **6 mm**			
Type	Colour	Cat. No.	Qty.
dekafix 6 (DEK 6)			
Standard print see Appendix			
Imprint			
DEK 6	white	**Page 88 onw.**	500
Letters, Numbers, Special mark			
Custom specific print			
DEK 6	white	**0490360000**	500
orange, red, grey, yellow, brown,			
green, blue, violet		**0490390000**	500
Specify the desired colour			
DEK 5/6 **MultiCard**		**1609830000**	200
Neutral			
DEK 6	white	**0468561044**	500
DEK 6	orange	**0468591690**	500
DEK 6	red	**0468591686**	500
DEK 6	grey	**0468591691**	500
DEK 6	yellow	**0468591687**	500
DEK 6	brown	**0468591692**	500
DEK 6	green	**0468591688**	500
DEK 6	blue	**0468591693**	500
DEK 6	violet	**0468591689**	500
DEK 6	black	**0468591694**	500
DEK 5/6 **MultiCard**		**1609820000**	1000

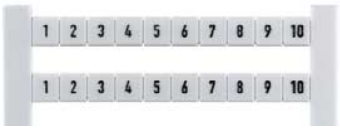
Terminal width ≥ **6.5 mm**			
Type	Colour	Cat. No.	Qty.
dekafix 6.5 (DEK 6.5)			
Standard print see Appendix			
Imprint			
DEK 6.5	white	**Page 88 onw.**	500
Letters, Numbers, Special mark			
Custom specific print			
DEK 6.5	white	**0490560000**	500
orange, red, grey, yellow, brown			
green, blue, violet		**0490590000**	500
Specify the desired colour			
DEK 5/6.5 **MultiCard**		**1609850000**	180
Neutral			
DEK 6.5	white	**0468061044**	500
DEK 6.5	orange	**0468091690**	500
DEK 6.5	red	**0468091686**	500
DEK 6.5	yellow	**0468091687**	500
DEK 6.5	green	**0468091688**	500
DEK 6.5	blue	**0468091693**	500
DEK 6.5	violet	**0468091689**	500
DEK 6.5	black	**0468091694**	500
DEK 5/6.5 **MultiCard**		**1609840000**	1000

Terminal width ≥ **8 mm**			
Type	Colour	Cat. No.	Qty.
dekafix 8 (DEK 8)			
Standard print see Appendix			
Imprint			
DEK 8	white	**Page 88 onw.**	500
Numbers			
Custom specific print			
DEK 8	white	**1326660000**	500
orange, red, grey, yellow, brown, green,			
blue, violet		**1326690000**	500
Specify the desired colour			
DEK 8 = Base not centred			

Terminal width ≥ **8 mm**			
Type	Colour	Cat. No.	Qty.
dekafix 8 (DEK 8)			
Neutral			
DEK 8	white	**1277060000**	500
DEK 8	orange	**1277091690**	500
DEK 8	red	**1277091686**	500
DEK 8	grey	**1277091691**	500
DEK 8	yellow	**1277091687**	500
DEK 8	brown	**1277091692**	500
DEK 8	green	**1277091688**	500
DEK 8	blue	**1277091693**	500
DEK 8	violet	**1277091689**	500
DEK 8	black	**1277091694**	500

Terminal width ≥ **3.5 mm**			
Type	Colour	Cat. No.	Qty.
dekafix MC 5/3.5 (DEK 5/3.5)			
Standard print see Appendix			
Imprint			
DEK 5/3.5 **MultiCard**	white	**Seite 88**	500
Numbers			
Custom specific print			
DEK 5/3.5 **MultiCard**	white	**1767730000**	500
Neutral			
DEK 5/3.5 **MultiCard**	white	**1755270000**	500

DEK Variants



Type / Imprint	Cat. No.
DEK 5 FW 10-500	0132660010
DEK 5 FW COLOURED	0132690000
DEK 5 GS A	0132961021
DEK 5 GS B	0132961022
DEK 5 GS C	0132961023
DEK 5 GS D	0132961024
DEK 5 GS E	0132961025
DEK 5 GS F	0132961026
DEK 5 GS G	0132961027
DEK 5 GS H	0132961028
DEK 5 GS I	0132961029
DEK 5 GS J	0132961030
DEK 5 GS K	0132961031
DEK 5 GS L	0132961032
DEK 5 GS M	0132961033
DEK 5 GS N	0132961034
DEK 5 GS O	0132961035
DEK 5 GS P	0132961036
DEK 5 GS Q	0132961037
DEK 5 GS R	0132961038
DEK 5 GS S	0132961039
DEK 5 GS T	0132961040
DEK 5 GS U	0132961041
DEK 5 GS V	0132961042
DEK 5 GS W	0132961043
DEK 5 GS X	0132961044
DEK 5 GS Y	0132961045
DEK 5 GS Z	0132961046
DEK 5 FW U1-PE1	0133161114
DEK 5 FW U2-PE2	0133161115
DEK 5 FW U3-PE3	0133161116
DEK 5 FW U4-PE4	0133161117
DEK 5 FW U5-PE5	0133161118
DEK 5 FW U6-PE6	0133161119
DEK 5 FW U7-PE7	0133161120
DEK 5 FW U8-PE8	0133161121
DEK 5 FW U9-PE9	0133161122
DEK 5 FW X1-Z1	0133261150
DEK 5 FW X2-Z2	0133261151
DEK 5 FW X3-Z3	0133261152
DEK 5 FW X4-Z4	0133261153
DEK 5 FW X5-Z5	0133261154
DEK 5 FW X6-Z6	0133261155
DEK 5 FW X7-Z7	0133261156
DEK 5 FW X8-Z8	0133261157
DEK 5 FW X9-Z9	0133261158
DEK 5 FW X10-Z10	0133261159
DEK 5 GS PE	0157261187
DEK 5 GS ⏚	0157261202
DEK 5 GS ⏚	0157261203
DEK 5 GS MP	0157261235
DEK 5 FWZ 1-19	0235860000
DEK 5 FWZ 21-39	0235960000
DEK 5 FWZ 41-59	0236060000
DEK 5 FWZ 2-20	0236160000
DEK 5 FWZ 22-40	0236260000
DEK 5 FWZ 42-60	0236360000
DEK 5 FWZ L1-PE	0354361187
DEK 5 FWZ L1-EIK	0354361203
DEK 5 FSZ 1-10	0460660001
DEK 5 FSZ 11-20	0460660011
DEK 5 FSZ 21-30	0460660021
DEK 5 FSZ 31-40	0460660031
DEK 5 FSZ 41-50	0460660041
DEK 5 FSZ 51-60	0460660051
DEK 5 FSZ 61-70	0460660061
DEK 5 FSZ 71-80	0460660071
DEK 5 FSZ 81-90	0460660081
DEK 5 FSZ 91-100	0460660091
DEK 5 NEUTRAL	0473360000
DEK 5 RT NEUTRAL	0473391686
DEK 5 GE NEUTRAL	0473391687
DEK 5 GN NEUTRAL	0473391688
DEK 5 VI NEUTRAL	0473391689
DEK 5 OR NEUTRAL	0473391690
DEK 5 GR NEUTRAL	0473391691
DEK 5 BR NEUTRAL	0473391692
DEK 5 BL NEUTRAL	0473391693
DEK 5 SW NEUTRAL	0473391694
DEK 5 FW 1-50	0473460001
DEK 5 FW 51-100	0473460051
DEK 5 FW 101-150	0473460101
DEK 5 FW 151-200	0473460151
DEK 5 FW 201-250	0473460201
DEK 5 FW 251-300	0473460251
DEK 5 FW 301-350	0473460301
DEK 5 FW 351-400	0473460351
DEK 5 FW 401-450	0473460401
DEK 5 FW 451-500	0473460451
DEK 5 FW 501-550	0473460501
DEK 5 FW 551-600	0473460551
DEK 5 FW 601-650	0473460601
DEK 5 FW 651-700	0473460651
DEK 5 FW 701-750	0473460701
DEK 5 FW 751-800	0473460751
DEK 5 FW 801-850	0473460801
DEK 5 FW 851-900	0473460851
DEK 5 FW 901-950	0473460901
DEK 5 FW 951-999	0473460951
DEK 5 FS 1-50	0473560001
DEK 5 FS 51-100	0473560051
DEK 5 FS 101-150	0473560101
DEK 5 FS 151-200	0473560151
DEK 5 FS 201-250	0473560201
DEK 5 FS 251-300	0473560251
DEK 5 FS 301-350	0473560301
DEK 5 FS 351-400	0473560351
DEK 5 FS 401-450	0473560401
DEK 5 FS 451-500	0473560451
DEK 5 FS 501-550	0473560501
DEK 5 FS 551-600	0473560551
DEK 5 FS 601-650	0473560601
DEK 5 FS 651-700	0473560651
DEK 5 FS 701-750	0473560701
DEK 5 FS 751-800	0473560751
DEK 5 FS 801-850	0473560801
DEK 5 FS 851-900	0473560851
DEK 5 FS 901-950	0473560901
DEK 5 FS 951-999	0473560951
DEK 5 GW L1	0522361075
DEK 5 GW L2	0522361076
DEK 5 GW L3	0522361077
DEK 5 GW 1	0522660001
DEK 5 GW 2	0522660002
DEK 5 GW 3	0522660003
DEK 5 GW 4	0522660004
DEK 5 GW 5	0522660005
DEK 5 GW 6	0522660006
DEK 5 GW 7	0522660007
DEK 5 GW 8	0522660008
DEK 5 GW 9	0522660009
DEK 5 GW 10	0522660010
DEK 5 GW 11	0522660011
DEK 5 GW 12	0522660012
DEK 5 GW 13	0522660013
DEK 5 GW 14	0522660014
DEK 5 GW 15	0522660015
DEK 5 GW 16	0522660016
DEK 5 GW 17	0522660017
DEK 5 GW 18	0522660018
DEK 5 GW 19	0522660019
DEK 5 GW 20	0522660020
DEK 5 GW 21	0522660021
DEK 5 GW 22	0522660022
DEK 5 GW 23	0522660023
DEK 5 GW 24	0522660024
DEK 5 GW 25	0522660025
DEK 5 GW 26	0522660026
DEK 5 GW 27	0522660027
DEK 5 GW 28	0522660028
DEK 5 GW 29	0522660029
DEK 5 GW 30	0522660030
DEK 5 GW 31	0522660031
DEK 5 GW 32	0522660032
DEK 5 GW 33	0522660033
DEK 5 GW 34	0522660034
DEK 5 GW 35	0522660035
DEK 5 GW 36	0522660036
DEK 5 GW 37	0522660037
DEK 5 GW 38	0522660038
DEK 5 GW 39	0522660039
DEK 5 GW 40	0522660040
DEK 5 GW 41	0522660041
DEK 5 GW 42	0522660042
DEK 5 GW 43	0522660043
DEK 5 GW 44	0522660044
DEK 5 GW 45	0522660045
DEK 5 GW 46	0522660046
DEK 5 GW 47	0522660047
DEK 5 GW 48	0522660048
DEK 5 GW 49	0522660049
DEK 5 GW 50	0522660050
DEK 5 GW 51	0522660051
DEK 5 GW 52	0522660052
DEK 5 GW 53	0522660053
DEK 5 GW 54	0522660054
DEK 5 GW 55	0522660055
DEK 5 GW 56	0522660056
DEK 5 GW 57	0522660057
DEK 5 GW 58	0522660058
DEK 5 GW 59	0522660059
DEK 5 GW 60	0522660060
DEK 5 GW 61	0522660061
DEK 5 GW 62	0522660062
DEK 5 GW 63	0522660063
DEK 5 GW 64	0522660064
DEK 5 GW 65	0522660065
DEK 5 GW 66	0522660066
DEK 5 GW 67	0522660067
DEK 5 GW 68	0522660068
DEK 5 GW 69	0522660069
DEK 5 GW 70	0522660070
DEK 5 GW 71	0522660071
DEK 5 GW 72	0522660072
DEK 5 GW 73	0522660073
DEK 5 GW 74	0522660074
DEK 5 GW 75	0522660075
DEK 5 GW 76	0522660076
DEK 5 GW 77	0522660077
DEK 5 GW 78	0522660078
DEK 5 GW 79	0522660079
DEK 5 GW 80	0522660080
DEK 5 GW 81	0522660081
DEK 5 GW 82	0522660082
DEK 5 GW 83	0522660083
DEK 5 GW 84	0522660084
DEK 5 GW 85	0522660085
DEK 5 GW 86	0522660086
DEK 5 GW 87	0522660087
DEK 5 GW 88	0522660088
DEK 5 GW 89	0522660089
DEK 5 GW 90	0522660090
DEK 5 GW 91	0522660091
DEK 5 GW 92	0522660092
DEK 5 GW 93	0522660093
DEK 5 GW 94	0522660094

DEK Variants

Type / Imprint	Cat. No.
DEK 5 GW 95	0522660095
DEK 5 GW 96	0522660096
DEK 5 GW 97	0522660097
DEK 5 GW 98	0522660098
DEK 5 GW 99	0522660099
DEK 5 GW 100	0522660100
DEK 5 GW 101	0522660101
DEK 5 GW 102	0522660102
DEK 5 GW 103	0522660103
DEK 5 GW 104	0522660104
DEK 5 GW 105	0522660105
DEK 5 GW 106	0522660106
DEK 5 GW 107	0522660107
DEK 5 GW 108	0522660108
DEK 5 GW 109	0522660109
DEK 5 GW 110	0522660110
DEK 5 GW 111	0522660111
DEK 5 GW 112	0522660112
DEK 5 GW 113	0522660113
DEK 5 GW 114	0522660114
DEK 5 GW 115	0522660115
DEK 5 GW 116	0522660116
DEK 5 GW 117	0522660117
DEK 5 GW 118	0522660118
DEK 5 GW 119	0522660119
DEK 5 GW 120	0522660120
DEK 5 GW 121	0522660121
DEK 5 GW 122	0522660122
DEK 5 GW 123	0522660123
DEK 5 GW 124	0522660124
DEK 5 GW 125	0522660125
DEK 5 GW 126	0522660126
DEK 5 GW 127	0522660127
DEK 5 GW 128	0522660128
DEK 5 GW 129	0522660129
DEK 5 GW 130	0522660130
DEK 5 GW 131	0522660131
DEK 5 GW 132	0522660132
DEK 5 GW 133	0522660133
DEK 5 GW 134	0522660134
DEK 5 GW 135	0522660135
DEK 5 GW 136	0522660136
DEK 5 GW 137	0522660137
DEK 5 GW 138	0522660138
DEK 5 GW 139	0522660139
DEK 5 GW 140	0522660140
DEK 5 GW 141	0522660141
DEK 5 GW 142	0522660142
DEK 5 GW 143	0522660143
DEK 5 GW 144	0522660144
DEK 5 GW 145	0522660145
DEK 5 GW 146	0522660146
DEK 5 GW 147	0522660147
DEK 5 GW 148	0522660148
DEK 5 GW 149	0522660149
DEK 5 GW 150	0522660150
DEK 5 GW 151	0522660151
DEK 5 GW 152	0522660152
DEK 5 GW 153	0522660153
DEK 5 GW 154	0522660154
DEK 5 GW 155	0522660155
DEK 5 GW 156	0522660156
DEK 5 GW 157	0522660157
DEK 5 GW 158	0522660158
DEK 5 GW 159	0522660159
DEK 5 GW 160	0522660160
DEK 5 GW 161	0522660161
DEK 5 GW 162	0522660162
DEK 5 GW 163	0522660163
DEK 5 GW 164	0522660164
DEK 5 GW 165	0522660165
DEK 5 GW 166	0522660166

Type / Imprint	Cat. No.
DEK 5 GW 167	0522660167
DEK 5 GW 168	0522660168
DEK 5 GW 169	0522660169
DEK 5 GW 170	0522660170
DEK 5 GW 171	0522660171
DEK 5 GW 172	0522660172
DEK 5 GW 173	0522660173
DEK 5 GW 174	0522660174
DEK 5 GW 175	0522660175
DEK 5 GW 176	0522660176
DEK 5 GW 177	0522660177
DEK 5 GW 178	0522660178
DEK 5 GW 179	0522660179
DEK 5 GW 180	0522660180
DEK 5 GW 181	0522660181
DEK 5 GW 182	0522660182
DEK 5 GW 183	0522660183
DEK 5 GW 184	0522660184
DEK 5 GW 185	0522660185
DEK 5 GW 186	0522660186
DEK 5 GW 187	0522660187
DEK 5 GW 188	0522660188
DEK 5 GW 189	0522660189
DEK 5 GW 190	0522660190
DEK 5 GW 191	0522660191
DEK 5 GW 192	0522660192
DEK 5 GW 193	0522660193
DEK 5 GW 194	0522660194
DEK 5 GW 195	0522660195
DEK 5 GW 196	0522660196
DEK 5 GW 197	0522660197
DEK 5 GW 198	0522660198
DEK 5 GW 199	0522660199
DEK 5 GW 200	0522660200
DEK 5 GW A	0522761021
DEK 5 GW B	0522761022
DEK 5 GW C	0522761023
DEK 5 GW D	0522761024
DEK 5 GW E	0522761025
DEK 5 GW F	0522761026
DEK 5 GW G	0522761027
DEK 5 GW H	0522761028
DEK 5 GW I	0522761029
DEK 5 GW J	0522761030
DEK 5 GW K	0522761031
DEK 5 GW L	0522761032
DEK 5 GW M	0522761033
DEK 5 GW N	0522761034
DEK 5 GW O	0522761035
DEK 5 GW P	0522761036
DEK 5 GW Q	0522761037
DEK 5 GW R	0522761038
DEK 5 GW S	0522761039
DEK 5 GW T	0522761040
DEK 5 GW U	0522761041
DEK 5 GW V	0522761042
DEK 5 GW W	0522761043
DEK 5 GW X	0522761044
DEK 5 GW Y	0522761045
DEK 5 GW Z	0522761046
DEK 5 GW A SMALL	0522861047
DEK 5 GW B SMALL	0522861048
DEK 5 GW C SMALL	0522861049
DEK 5 GW D SMALL	0522861050
DEK 5 GW E SMALL	0522861051
DEK 5 GW F SMALL	0522861052
DEK 5 GW G SMALL	0522861053
DEK 5 GW H SMALL	0522861054
DEK 5 GW I SMALL	0522861055
DEK 5 GW J SMALL	0522861056
DEK 5 GW K SMALL	0522861057
DEK 5 GW L SMALL	0522861058

Type / Imprint	Cat. No.
DEK 5 GW M SMALL	0522861059
DEK 5 GW N SMALL	0522861060
DEK 5 GW O SMALL	0522861061
DEK 5 GW P SMALL	0522861062
DEK 5 GW Q SMALL	0522861063
DEK 5 GW R SMALL	0522861064
DEK 5 GW S SMALL	0522861065
DEK 5 GW T SMALL	0522861066
DEK 5 GW U SMALL	0522861067
DEK 5 GW V SMALL	0522861068
DEK 5 GW W SMALL	0522861069
DEK 5 GW X SMALL	0522861070
DEK 5 GW Y SMALL	0522861071
DEK 5 GW Z SMALL	0522861072
DEK 5 FWZ 1-10	0523060001
DEK 5 FWZ 11-20	0523060011
DEK 5 FWZ 21-30	0523060021
DEK 5 FWZ 31-40	0523060031
DEK 5 FWZ 41-50	0523060041
DEK 5 FWZ 51-60	0523060051
DEK 5 FWZ 61-70	0523060061
DEK 5 FWZ 71-80	0523060071
DEK 5 FWZ 81-90	0523060081
DEK 5 FWZ 91-100	0523060091
DEK 5 GW PE	0537261187
DEK 5 GW PEN	0537261188
DEK 5 GW SL	0537261191
DEK 5 GW MP	0537261235
DEK 5 FWZ U,V,W,N,PE	0558360000
DEK 5 GW	0576260000
DEK 5 GW +	0576261198
DEK 5 GW -	0576261199
DEK 5 GW ⏚	0576261202
DEK 5 GW ⏚	0576261203
DEK 5 GW W-CURRENT	0576261215
DEK 5 GW RT/SW +	0576291737
DEK 5 GW BL/SW -	0576291741
DEK 5 FSZ 2.4,6...16	0582360002
DEK 5 FSZ 18.20,...32	0582360018
DEK 5 FW 1.3.5,...99	1358460000
DEK 5 FW 2.4,...100	1358560000
DEK 5 FWZ 1-9	1572000000
DEK 5/3.5 MC NEUTRAL	1755270000
DEK 5/3.5 MC GW 1	1755280001
DEK 5/3.5 MC GW 2	1755280002
DEK 5/3.5 MC GW 3	1755280003
DEK 5/3.5 MC GW 4	1755280004
DEK 5/3.5 MC GW 5	1755280005
DEK 5/3.5 MC GW 6	1755280006
DEK 5/3.5 MC GW 7	1755280007
DEK 5/3.5 MC GW 8	1755280008
DEK 5/3.5 MC GW 9	1755280009
DEK 5/3.5 MC GW 0	1755281000
DEK 5/3.5 MC FS 1-10	1762320001
DEK 5/3.5 MC FS 11-20	1762320011
DEK 5/3.5 MC FS 21-30	1762320021
DEK 5/3.5 MC FS 31-40	1762320031
DEK 5/3.5 MC FS 41-50	1762320041
DEK 5/3.5 MC FS 51-60	1762320051
DEK 5/3.5 MC FS 61-70	1762320061
DEK 5/3.5 MC FS 71-80	1762320071
DEK 5/3.5 MC FS 81-90	1762320081
DEK 5/3.5 MC FS 91-100	1762320091
DEK 5/3.5 MC FS 101-110	1762320101
DEK 5/3.5 MC FS 111-120	1762320111
DEK 5/3.5 MC FS 121-130	1762320121
DEK 5/3.5 MC FS 131-140	1762320131
DEK 5/3.5 MC FS 141-150	1762320141
DEK 5/3.5 MC printed	1767730000
DEK 5/5 MC-10 NEUT. VAR	1609800000
DEK 5/5 MC-10 NEUT. WS	1609801044
DEK 5/5 MC-10 NEUT. RT	1609801686

DEK Variants

Type / Imprint	Cat. No.
DEK 5/5 MC-10 NEUT. GE	1609801687
DEK 5/5 MC-10 NEUT. GN	1609801688
DEK 5/5 MC-10 NEUT. GR	1609801691
DEK 5/5 MC-10 NEUT. BL	1609801693
DEK 5/5 MC PRINTED	1609810000
DEK 5/7.5 MC NEUTRAL	1720620000
DEK 5/6.5 MC NEUTRAL	1609840000
DEK 6 FSZ 1-10	0133360001
DEK 6 FSZ 11-20	0133360011
DEK 6 FSZ 21-30	0133360021
DEK 6 FSZ 31-40	0133360031
DEK 6 FSZ 41-50	0133360041
DEK 6 FSZ 51-60	0133360051
DEK 6 FSZ 61-70	0133360061
DEK 6 FSZ 71-80	0133360071
DEK 6 FSZ 81-90	0133360081
DEK 6 FSZ 91-100	0133360091
DEK 6 NEUTRAL	0468560000
DEK 6 RT NEUTRAL	0468591686
DEK 6 GE NEUTRAL	0468591687
DEK 6 GN NEUTRAL	0468591688
DEK 6 VI NEUTRAL	0468591689
DEK 6 OR NEUTRAL	0468591690
DEK 6 GR NEUTRAL	0468591691
DEK 6 BR NEUTRAL	0468591692
DEK 6 BL NEUTRAL	0468591693
DEK 6 SW NEUTRAL	0468591694
DEK 6 FW 1-50	0468660001
DEK 6 FW 51-100	0468660051
DEK 6 FW 101-150	0468660101
DEK 6 FW 151-200	0468660151
DEK 6 FW 201-250	0468660201
DEK 6 FW 251-300	0468660251
DEK 6 FW 301-350	0468660301
DEK 6 FW 351-400	0468660351
DEK 6 FW 401-450	0468660401
DEK 6 FW 451-500	0468660451
DEK 6 FW 501-550	0468660501
DEK 6 FW 551-600	0468660551
DEK 6 FW 601-650	0468660601
DEK 6 FW 651-700	0468660651
DEK 6 FW 701-750	0468660701
DEK 6 FW 751-800	0468660751
DEK 6 FW 801-850	0468660801
DEK 6 FW 851-900	0468660851
DEK 6 FW 901-950	0468660901
DEK 6 FW 951-999	0468660951
DEK 6 FS 1-50	0468760001
DEK 6 FS 51-100	0468760051
DEK 6 FS 101-150	0468760101
DEK 6 FS 151-200	0468760151
DEK 6 FS 201-250	0468760201
DEK 6 FS 251-300	0468760251
DEK 6 FS 301-350	0468760301
DEK 6 FS 351-400	0468760351
DEK 6 FS 401-450	0468760401
DEK 6 FS 451-500	0468760451
DEK 6 FS 501-550	0468760501
DEK 6 FS 551-600	0468760551
DEK 6 FS 601-650	0468760601
DEK 6 FS 651-700	0468760651
DEK 6 FS 701-750	0468760701
DEK 6 FS 751-800	0468760751
DEK 6 FS 801-850	0468760801
DEK 6 FS 851-900	0468760851
DEK 6 FS 901-950	0468760901
DEK 6 FS 951-999	0468760951
DEK 6 FWZ 1-10	0518960001
DEK 6 FWZ 11-20	0518960011
DEK 6 FWZ 21-30	0518960021
DEK 6 FWZ 31-40	0518960031
DEK 6 FWZ 41-50	0518960041
DEK 6 FWZ 51-60	0518960051
DEK 6 FWZ 61-70	0518960061
DEK 6 FWZ 71-80	0518960071
DEK 6 FWZ 81-90	0518960081
DEK 6 FWZ 91-100	0518960091
DEK 6 FWZ 101-110	0518960101
DEK 6 FWZ 111-120	0518960111
DEK 6 FWZ 121-130	0518960121
DEK 6 FWZ 131-140	0518960131
DEK 6 FWZ 141-150	0518960141
DEK 6 FWZ 151-160	0518960151
DEK 6 FWZ 161-170	0518960161
DEK 6 FWZ 171-180	0518960171
DEK 6 FWZ 181-190	0518960181
DEK 6 FWZ 191-200	0518960191
DEK 6 FWZ 201-210	0518960201
DEK 6 GW 1	0526960001
DEK 6 GW 2	0526960002
DEK 6 GW 3	0526960003
DEK 6 GW 4	0526960004
DEK 6 GW 5	0526960005
DEK 6 GW 6	0526960006
DEK 6 GW 7	0526960007
DEK 6 GW 8	0526960008
DEK 6 GW 9	0526960009
DEK 6 GW 10	0526960010
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DEK 6 GW 12	0526960012
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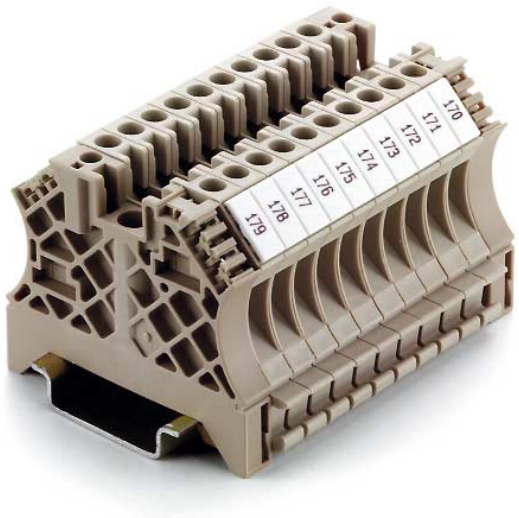
DEK 6 GW 19	0526960019
DEK 6 GW 20	0526960020
DEK 6 GW 21	0526960021
DEK 6 GW 22	0526960022
DEK 6 GW 23	0526960023
DEK 6 GW 24	0526960024
DEK 6 GW 25	0526960025
DEK 6 GW 26	0526960026
DEK 6 GW 27	0526960027
DEK 6 GW 28	0526960028
DEK 6 GW 29	0526960029
DEK 6 GW 30	0526960030
DEK 6 GW 31	0526960031
DEK 6 GW 32	0526960032
DEK 6 GW 33	0526960033
DEK 6 GW 34	0526960034
DEK 6 GW 35	0526960035
DEK 6 GW 36	0526960036
DEK 6 GW 37	0526960037
DEK 6 GW 38	0526960038
DEK 6 GW 39	0526960039
DEK 6 GW 40	0526960040
DEK 6 GW 41	0526960041
DEK 6 GW 42	0526960042
DEK 6 GW 43	0526960043
DEK 6 GW 44	0526960044
DEK 6 GW 45	0526960045
DEK 6 GW 46	0526960046
DEK 6 GW 47	0526960047
DEK 6 GW 48	0526960048
DEK 6 GW 49	0526960049
DEK 6 GW 50	0526960050
DEK 6 GW 51	0526960051
DEK 6 GW 52	0526960052
DEK 6 GW 53	0526960053
DEK 6 GW 54	0526960054
DEK 6 GW 55	0526960055
DEK 6 GW 56	0526960056
DEK 6 GW 57	0526960057
DEK 6 GW 58	0526960058
DEK 6 GW 59	0526960059
DEK 6 GW 60	0526960060
DEK 6 GW 61	0526960061
DEK 6 GW 62	0526960062
DEK 6 GW 63	0526960063
DEK 6 GW 64	0526960064
DEK 6 GW 65	0526960065
DEK 6 GW 66	0526960066
DEK 6 GW 67	0526960067
DEK 6 GW 68	0526960068
DEK 6 GW 69	0526960069
DEK 6 GW 70	0526960070
DEK 6 GW 71	0526960071
DEK 6 GW 72	0526960072
DEK 6 GW 73	0526960073
DEK 6 GW 74	0526960074
DEK 6 GW 75	0526960075
DEK 6 GW 76	0526960076
DEK 6 GW 77	0526960077
DEK 6 GW 78	0526960078
DEK 6 GW 79	0526960079
DEK 6 GW 80	0526960080
DEK 6 GW 81	0526960081
DEK 6 GW 82	0526960082
DEK 6 GW 83	0526960083
DEK 6 GW 84	0526960084
DEK 6 GW 85	0526960085
DEK 6 GW 86	0526960086
DEK 6 GW 87	0526960087
DEK 6 GW 88	0526960088
DEK 6 GW 89	0526960089
DEK 6 GW 90	0526960090
DEK 6 GW 91	0526960091
DEK 6 GW 92	0526960092
DEK 6 GW 93	0526960093
DEK 6 GW 94	0526960094
DEK 6 GW 95	0526960095
DEK 6 GW 96	0526960096
DEK 6 GW 97	0526960097
DEK 6 GW 98	0526960098
DEK 6 GW 99	0526960099
DEK 6 GW 100	0526960100
DEK 6 GW 200	0526960200
DEK 5/6 MC NEUTRAL	1609820000
DEK 5/6 MC PRINTED	1609830000
DEK 6 FW 1.3.5...99	1358660000
DEK 6 FW 2.4,...100	1358760000
DEK 6 FWZ R,S,T,N, ⏚	0631860000
DEK 6 FWZ L1-PE	0631961187
DEK 6 FWZ L1-⏚	0631961203
DEK 6 GW PE	1318061187
DEK 6 GW +	1318061198
DEK 6 GW -	1318061199
DEK 6 GW ⏚	1318061202
DEK 6 GW ⏚	1318061203
DEK 6 GW W-CURRENT	1318061215
DEK 6 GW RT/SW +	1318091737
DEK 6 GW BL/SW -	1318091741
DEK 6 FW L,N,PE	0632560000
DEK 6 FW 1-5 (10X)	0688660000
DEK 6.5 FSZ 1-10	0407360001
DEK 6.5 FSZ 11-20	0407360011
DEK 6.5 FSZ 21-30	0407360021
DEK 6.5 FSZ 31-40	0407360031
DEK 6.5 FSZ 41-50	0407360041
DEK 6.5 FSZ 51-60	0407360051
DEK 6.5 FSZ 61-70	0407360061
DEK 6.5 FSZ 71-80	0407360071
DEK 6.5 FSZ 81-90	0407360081
DEK 6.5 FSZ 91-100	0407360091

DEK Variants

Type / Imprint	Cat. No.
DEK 6.5 NEUTRAL	0468060000
DEK 6.5 RT NEUTRAL	0468091686
DEK 6.5 GE NEUTRAL	0468091687
DEK 6.5 GN NEUTRAL	0468091688
DEK 6.5 VI NEUTRAL	0468091689
DEK 6.5 OR NEUTRAL	0468091690
DEK 6.5 BL NEUTRAL	0468091693
DEK 6.5 SW NEUTRAL	0468091694
DEK 6.5 FW 1-50	0468160001
DEK 6.5 FW 51-100	0468160051
DEK 6.5 FW 101-150	0468160101
DEK 6.5 FW 151-200	0468160151
DEK 6.5 FW 201-250	0468160201
DEK 6.5 FW 251-300	0468160251
DEK 6.5 FW 301-350	0468160301
DEK 6.5 FW 351-400	0468160351
DEK 6.5 FW 401-450	0468160401
DEK 6.5 FW 451-500	0468160451
DEK 6.5 FW 501-550	0468160501
DEK 6.5 FW 551-600	0468160551
DEK 6.5 FW 601-650	0468160601
DEK 6.5 FW 651-700	0468160651
DEK 6.5 FW 701-750	0468160701
DEK 6.5 FW 751-800	0468160751
DEK 6.5 FW 801-850	0468160801
DEK 6.5 FW 851-900	0468160851
DEK 6.5 FW 901-950	0468160901
DEK 6.5 FW 951-999	0468160951
DEK 6.5 FS 1-50	0468260001
DEK 6.5 FS 51-100	0468260051
DEK 6.5 FS 101-150	0468260101
DEK 6.5 FS 151-200	0468260151
DEK 6.5 FS 201-250	0468260201
DEK 6.5 FS 251-300	0468260251
DEK 6.5 FS 301-350	0468260301
DEK 6.5 FS 351-400	0468260351
DEK 6.5 FS 401-450	0468260401
DEK 6.5 FS 451-500	0468260451
DEK 6.5 FS 501-550	0468260501
DEK 6.5 FS 551-600	0468260551
DEK 6.5 FS 601-650	0468260601
DEK 6.5 FS 651-700	0468260651
DEK 6.5 FS 701-750	0468260701
DEK 6.5 FS 751-800	0468260751
DEK 6.5 FS 801-850	0468260801
DEK 6.5 FS 851-900	0468260851
DEK 6.5 FS 901-950	0468260901
DEK 6.5 FS 951-999	0468260951
DEK 6.5 FWZ 1-10	0519060001
DEK 6.5 FWZ 11-20	0519060011
DEK 6.5 FWZ 21-30	0519060021
DEK 6.5 FWZ 31-40	0519060031
DEK 6.5 FWZ 41-50	0519060041
DEK 6.5 FWZ 51-60	0519060051
DEK 6.5 FWZ 61-70	0519060061
DEK 6.5 FWZ 71-80	0519060071
DEK 6.5 FWZ 81-90	0519060081
DEK 6.5 FWZ 91-100	0519060091
DEK 6.5 FWZ R,S,T,N,ERD	0632060000
DEK 6.5 FW L1-PE	0632161187
DEK 6.5 FW L1- ⏚	0632161203
DEK 8 FW 1-50 TAMPOPR.	1653340001
DEK 8 FW 51-100 TAMPOP.	1653340051
DEK 8 FS 1-50 TAMPOPR.	1653350001
DEK 8 FS 51-100 TAMPOP.	1653350051
DEK 8 FW 1-50 TAMPOPR.	1653340001
DEK 8 FW 51-100 TAMPOP.	1653340051
DEK 8 FS 1-50 TAMPOPR.	1653350001
DEK 8 FS 51-100 TAMPOP.	1653350051
DEK 8 FWZ 1-10	1276960001
DEK 8 FWZ 11-20	1276960011
DEK 8 FWZ 21-30	1276960021

Type / Imprint	Cat. No.
DEK 8 FWZ 31-40	1276960031
DEK 8 FWZ 41-50	1276960041
DEK 8 FWZ 51-60	1276960051
DEK 8 FWZ 61-70	1276960061
DEK 8 FWZ 71-80	1276960071
DEK 8 FWZ 81-90	1276960081
DEK 8 FWZ 91-100	1276960091
DEK 8 FWZ 101-110	1276960101
DEK 8 FWZ 111-120	1276960111
DEK 8 FWZ 121-130	1276960121
DEK 8 FWZ 131-140	1276960131
DEK 8 FWZ 141-150	1276960141
DEK 8 NEUTRAL	1277060000
DEK 8 RT NEUTRAL	1277091686
DEK 8 GE NEUTRAL	1277091687
DEK 8 GN NEUTRAL	1277091688
DEK 8 VI NEUTRAL	1277091689
DEK 8 OR NEUTRAL	1277091690
DEK 8 FSZ 1-10	1289660001
DEK 8 FSZ 11-20	1289660011
DEK 8 FSZ 21-30	1289660021
DEK 8 FSZ 31-40	1289660031
DEK 8 FSZ 41-50	1289660041
DEK 8 FSZ 51-60	1289660051
DEK 8 FSZ 61-70	1289660061
DEK 8 FSZ 71-80	1289660071
DEK 8 FSZ 81-90	1289660081
DEK 8 FSZ 91-100	1289660091
DEK 8 PRINTED/COLOURED	1289690000
DEK 8 SPECIAL PRINT WHITE	1326660000
DEK 8 SPECIAL PRINT COLOURED	1326690000

WS



WS markers are ideally suited for the W range of wiring connectors (WS = W-series strips). They fit flush with the marking channels provided, thus ensuring a fit which is as secure as possible.
But even with wiring connectors of the SAK and Z series, the generous marking space can be used, for Weidmüller markers are system-compatible.

WS strips are used mainly for manual marking. For individual production of print, the **WS** strip in **MultiCard** format is the ideal solution. It has all the features for efficient processing.

- The system is especially suitable for efficient marking with long, individually produced sequences of characters.
- Large marking surfaces allow long sequences of characters per tag and line.
- Multi-line marking and small script possible.
- Marking is possible with plotter, laser, MC-Mobilo or simply by hand.
- **WS cards are available for standard and laser prints.**

Data acquisition from many CAD programs possible.

Technical data

Material	Polyamide	
Temperature range (constant)	–40 °C to +100 °C	
Flammability acc. to UL 94	V2	
Colours	Available in the colours of the international resistance colour code	
	● black, ● brown, ● red, ● orange, ● yellow, ● green, ● blue, ● violet, ● grey, ○ white	
Size definition	Length x width (pitch)	
	Ordering example:	WS 12/5 = 12 mm long (vertikal) 5 mm wide (horizontal) Width = Pitch
Assembly	Strip assembly when the marker pitch (width) corresponds to the terminal pitch, e.g. WS 10/5 = 5 mm pitch width for terminals with 5 mm pitch width, e.g. WDU 2.5	
	Individual tag fitting if the terminal pitch is greater than the marker pitch, e.g. WS 12/6.5 can be individually fitted on to WDU 6. Weidmüller markers with 5 mm pitch (width) will fit all terminal widths.	
Imprint	Colour	black
	Wipe resistant as specified in DIN IEC 50	

MultiCard-Variants see section: MultiCard.

Numbers of characters

Pen size		0.18	0.25	0.35	0.18	0.25	0.35
Font (Pt.)		10	10	10	4	5	6
Length	**8**	4	4	4	9	7	6
Length	**10**	4	4	4	11	9	8
Length	**12**	5	5	5	13	11	9
Length	**15**	7	7	7	17	14	11

Ordering details WS strip

Only WS 10/6 and WS 10/6.5	
Definition of quantity	1 strip = 10 units
Order quantity	Order and delivery quantity in number of individual plates, e.g. 200 units
Minimum order qty.	1 Qty. = 20 strips = 200 units
Packaging	Polythene bag

Ordering details WS cards 5 Standard print

Only WS .../5	
Definition of quantity	1 card = 30 units
Minimum order qty.	1 Qty. = 300 units
Packaging	Carton

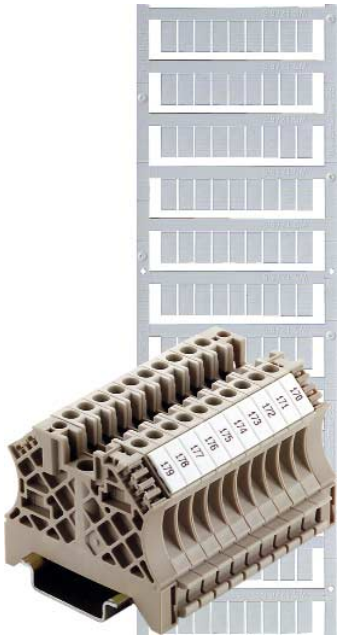
Example WS 10/5
printed FSZ: 1 - 10
Cat. No. **1773420001**
= 300 pieces single tags,
Colour on request

Notes regarding individual print:

1. Please send along with your written order via disc or e-mail your specifications
   - as Excel file (all data in one column)
   - as ASCII file (all data in one column)
   - additional information such as person in charge or phone no. for queries should be included in the files
   - E-mail adress: Printdata@Weidmueller.de
2. Please indicate the file name with your order.
3. Non-electronic orders (Cat. No. for manual input: 157880) will cause a higher price and longer delivery time.
4. For individual print MultiCard, we offer to you the order-software **M-Comm 2**. See Internet page (www.m-comm.de) for further details.
   For Cat. No., see under software **M-Comm 2.**

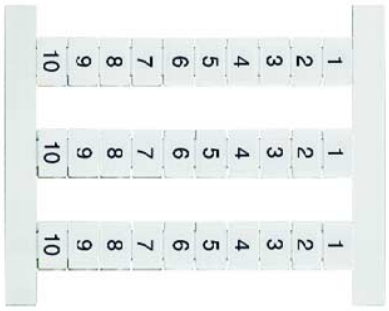
Terminal markers

MultiCard

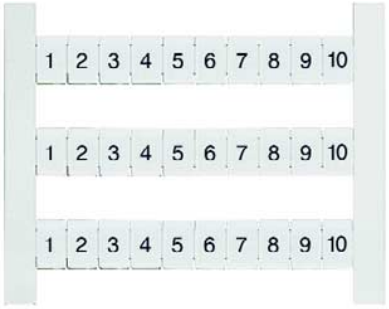


WS (MultiCard)

card
Print example standard



consecutive
vertical **(FSZ)**



consecutive
horizontal
FWZ

MultiCard

Type	Cat. No.	Pieces/sheet	Qty.
Neutral			
WS 12/3.5 MC	**1778270000**	120	600
WS 8/5 MC	**1640740000**	144	720
WS 10/5 MC	**1635000000**	144	720
WS 10/5 MC Middle	**1792000000**	144	720
WS 12/5 MC	**1609860000**	144	720
WS 14/5 MC	**1768090000**	96	480
WS 15/5 MC	**1609880000**	96	480
WS 12/6 MC	**1609900000**	120	600
WS 12/6.5 MC	**1609920000**	108	540

Custom-specific print		Qty.
WS 12/3.5 MC	**1778280000**	120
WS 8/5 MC	**1640750000**	144
WS 10/5 MC	**1635010000**	144
WS 10/5 MC Middle	**1792010000**	144
WS 12/5 MC	**1609870000**	144
WS 15/5 MC	**1609890000**	96
WS12/6 MC	**1609910000**	120
WS12/6.5 MC	**1609930000**	108

MC=MultiCard

Card

Terminal width ≥ **5 mm**

WS 8…15/5

Type	Cat. No.	Qty.
Standard print		
Imprint		
WS 12/5 FSZ 1 - 10	**1773430001**	300
WS 12/5 FSZ 11 - 20	**1773430011**	300
WS 12/5 FSZ 21 - 30	**1773430021**	300
WS 12/5 FSZ 31 - 40	**1773430031**	300
WS 12/5 FSZ 41 - 50	**1773430041**	300
WS 12/5 FWZ 1 - 10	**1773330001**	300
WS 12/5 FWZ 11 - 20	**1773330011**	300
WS 12/5 FWZ 21 - 30	**1773330021**	300
WS 12/5 FWZ 31 - 40	**1773330031**	300
WS 12/5 FWZ 41 - 50	**1773330041**	300

Custom specific print		
WS 8/5 card	**1773360000**	300
WS 10/5 card	**1773370000**	300
WS 12/5 card	**1773380000**	300
Colour variants on request		

Streifen

Terminal width ≥ **6 mm**

Type	Cat. No.	Qty.
WS 10…12/6		
Custom specific print		
WS 10/6 plotter print	**1447260000**	200
Neutral		
WS 10/6 strips	**1060960000**	200

Terminal width ≥ **6.5 mm**

WS 10…12/6.5		
Custom specific print		
WS 10/6.5 plotter print		200
1568910000		
Neutral		200
WS 10/6.5	**1568920000**	
		200
WS 10/3.5	**1670290000**	

Accessories

MC terminal markers

MultiCard for laser and plotter print

ZS

Technical data

Material of markers	Polyamide
Colour	White
Temperature range, cont.	–40 °C … +100 °C
Flammability class acc. to UL 94	Markers: V2
acc. to UL 94	Base: HB
Imprint	Plotter; MC-Mobilo

Number of characters

Pen size		0.18	0.25	0.35	0.18	0.25	0.35
Font (Pkt.)		10	10	10	4	5	6
Length	**10**	4	4	4	11	9	8
Length	**12**	5	5	5	13	11	9
Length	**15**	7	7	7	17	14	11

Carrier system	Z-Reihe, W-Reihe, SAK-Reihe

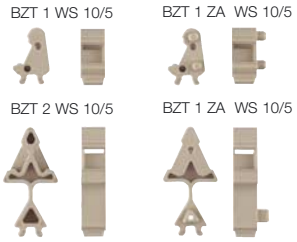
ZS-labels in MultiCard are particularly suitable for compact Z-terminals due to their folding hinge mechanism. The label can be raised, for example to access the cross-connection. Depending on the label length, printing of 6 – 9 characters in normal script is possible.

- Hinged marking surface
- Individual labels mountable as strip to reduce marking exercise.
- Stripwise project designation area ordered by strips
- Simple separation of labels
- Inlay required with order number **1610080000**

Ordering data

Type	Cat. No.	Pieces/sheet	Qty.
ZS 10/5	**1610000000**	96	480
ZS 12/6	**1610020000**	80	400
ZS 15/5	**1646630000**	96	480

Marking tag holders



Technical data

Material of marking tag holders: Wemid
Colour: Dark beige
Flammability class: V2

Can be used with terminals

ZDU 2.5/...
ZDU 4/... [1]
ZDU 6/... [1]
ZDU A 2.5/... [2]

Possible markers

WS 10/5
WS 10/5 centred [3]
Dekafix 5

BZT –

The marking tag holders permit to use WS 10/5 tags for marking the central marking channel of ZDU 2.5.../... terminals. This ensures that the Z-series can be marked clearly and easily with excellent readability. Marking tag holders can simply linked together to provide optimum stability.

- Single and double version
- Formation of BZT blocks for max. stability
- No problems occur when the screwdriver is inserted
  ZQV remains accessible

Ordering data

Type	Cat. No.	Qty.
BZT 1 WS 10/5	**1805490000**	100
BZT 1 ZA WS 10/5	**1805520000**	100
BZT 2 WS 10/5	**1805480000**	100
BZT 1 ZA WS 10/5	**1805530000**	100

[1] Formation of BZT blocks not recommended
[2] When using BZT 1
[3] Only restricted usage with BZT 1

Cutting tools

KT 8 cutting tool

- Blade geometry for different conductor sizes increases the precision when cutting smaller conductors

KT 8

Cutting tool for pinch-free cutting of copper and aluminium cables up to 8 mm ø

Maximum cutting capacity:

Copper cable

- 16 mm² solid
- 16 mm² stranded
- 16 mm² flexible

Aluminium cable

- 16 mm² stranded

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data	
Length/width/height (tool closed)	165/65/25 mm
Weight	180 g

Ordering data	
Type	Cat. No.
KT 8	**9002650000**

KT 12 cutting tool

- Blade geometry for different conductor sizes increases the precision when cutting smaller conductors

KT 12

Cutting tool for pinch-free cutting of copper and aluminium cables up to 12 mm ø

Maximum cutting capacity:

Copper cable

- 16 mm² solid
- 25 mm² stranded
- 35 mm² flexible

Aluminium cable

- 16 mm² stranded

Not suitable for cutting steel wire, steel-shielded cables, aluminium alloys and hard-drawn copper conductors!

Technical data	
Length/width/height (tool closed)	215/66/28 mm
Weight	300 g

Ordering data	
Type	Cat. No.
KT 12	**9002660000**

KT ZQV cutting tool

KT ZQV

Cutting tool for pinch-free cutting of cross-connections from the Weidmüller Z-series.

Technical data	
Length/width/height (tool closed)	215/66/28 mm
Weight	300 g

Ordering data	
Type	Cat. No.
KT ZQV	**9002170000**

Stripping tools

stripax®

- Stripping and cutting tool for flexible, stranded and solid conductors
  with PVC insulation for cross-sections
  0.08... 6 mm² (~AWG 28... 10)

stripax® 16

- Stripping and cutting tool for flexible, stranded and solid conductors
  with PVC insulation for cross-sections
  6... 16 mm² (~AWG 10... 6)

stripax®

- Stripping length adjustable by setting wire stop
- Jaws open automatically after stripping
- No splaying of individual strands
- Special self-adjusting stripping blades avoid damage of the strands
- Adjustable to different insulation cross-sections
- Strips multiple conductors, even several flat-ribbon conductors simultaneously
- Strips double-insulated conductors in two steps, no additional adjustment necessary
- Precise, self-adjusting cable-cutter
- Long working life
- Improved ergonomic design

stripax® 16

- Stripping length adjustable by setting wire stop
- Jaws open automatically after stripping
- No splaying of individual strands
- Adjustable to different insulation cross-sections
- Strips double-insulated conductors in two steps, no additional adjustment necessary
- Cuts flexible, stranded and solid conductors for cross-sections up to 6 mm² (AWG 10)
- Precise, self-adjusting cable-cutter
- Long working life
- Improved ergonomic design

Technical data	
Length	190 mm
Weight	155 g

Ordering data	
Type	Cat. No.
stripax®	**9005000000**

Accessories	
Blade set stripax®	**9054030000**
Cleaning brush stripax®	**9005450000**

Technical data	
Length	190 mm
Weight	155 g

Ordering data	
Type	Cat. No.
stripax® 16	**9005610000**

Accessories	
Blade set stripax®16	**9054080000**
Cleaning brush stripax®16	**9005450000**

Crimp tools

PZ 6/5 crimping tool for ferrules

- Ferrule insertion from the side
- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation

PZ 6/5

Crimping tool for ferrules according to DIN 46228 part 1 and 4
with and without plastic collars
from 0.25...6 mm^2 (~ AWG 24...10)

- Crimp conforms to EN 60947-1
- Five crimping profiles for the rated conductor cross-sections
- Registration in accordance with VG 95211 (Military designation VG 95236 T 14 A 0001)

Technical data	
Length	200 mm
Weight	335 g

Ordering data	
Type	Cat. No.
PZ 6/5	**9011460000**

PZ 6 roto crimping tools for ferrules

PZ 6 roto

Crimping tool for ferrules
according to DIN 46228 parts 1 and 4
with and without plastic collars
from 0.25 … 6 mm^2 (~ AWG 24 … 10)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Only one profile for entire wire range
- Rotatable crimp die for ferrule insertion from the front or the side

Technical data	
Length	200 mm
Weight	360 g

Ordering data	
Type	Cat. No.
PZ 6 roto	**9014350000**

PZ 16 crimping tool for ferrules

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Ferrule insertion from the side

PZ 16

Crimping tool for ferrules according to DIN 46228 parts 1 and 4
with and without plastic collars
from 6…16 mm^2 (~ AWG 10 … 6)

- Three crimping profiles for rated conductor cross-sections
- Crimp conforms to EN 60947-1
- VG 95211 approval (Military designation: VG 95236 T 14 A 002)

Technical data	
Length	200 mm
Weight	380 g

Ordering data	
Type	Cat. No.
PZ 16	**9012600000**

PZ 50
Crimping tools for ferrules

PZ 50

Crimping tool for ferrules from 25, 35 and 50 mm^2 with and without plastic collars according to DIN 46228 parts 1 and 4 (~ AWG 3 … 1)

- Ratchet for precise crimping
- Ratchet release option in case of incorrect operation
- Ferrule insertion from the side
- Three crimping profiles for rated conductor cross-sections
- Crimp conforms to EN 60947-1
- VG 95211 approval (Military designation: VG 95236 T 14 B 002)

Technical data	
Length	260 mm
Weight	700 g

Ordering data	
Type	Cat. No.
PZ 50	**9006450000**

Screwdrivers

SD

SD Screwdriver with blade for slotted screws and column stripper acc. to **DIN 5264 A**

Ordering data		Dimensions in mm		
Type	Cat. No.	**A**	**B**	**C**
SD Screwdriver	**9008320000**	0.5	3.0	80
SD Screwdriver	**9008330000**	0.6	3.5	100
SD Screwdriver	**9008340000**	0.8	4.0	100
SD Screwdriver	**9008350000**	1.0	5.5	150
swifty® cable cutting tool	**9006020000**			
swifty®set (inclusive screwdriver)	**9006060000**	0.6	3.5	100
Set with 6 items	**9009740000**			

PH screwdriver set for slotted/cross-recess screws
S 2.5/3.0/4.0/5.5 PH 1/2

SDI

SDI Insulated screwdrivers for slotted screws to perform works on energized parts up to AC 1000 V/DC 1500 V; tested acc. to **DIN EN 60 900** (VDE 0682 Part 201), column stripper acc. to DIN 5264 A

Ordering data		Dimensions in mm		
Type	Cat. No.	**A**	**B**	**C**
SDI Screwdriver	**9008370000**	0.4	2.5	75
SDI Screwdriver	**9008380000**	0.5	3.0	100
SDI Screwdriver	**9008390000**	0.6	3.5	100
SDI Screwdriver	**9008400000**	0.8	4.0	100
SDI Screwdriver	**9008410000**	1.0	5.5	125
SDI Screwdriver	**9008420000**	1.2	6.5	150
SDI Screwdriver	**9008430000**	1.6	8.0	175
Set with 6 items	**9009730000**			

Slot insul. acc. to VDE
PH screwdriver set for cross-recessed screws
S 3.0/4.0/5.5/6.5 PH 1/2

SDK PH

SDK PH Screwdriver for cross-recessed Phillips screws with column stripper acc. to **DIN 5260 PH/ISO 6784-PH**

Ordering data		Size	Dim. C
Type	Cat. No.		in mm
SDK PH Scewdriver	**9008470000**	0	60
SDK PH Scewdriver	**9008480000**	1	80
SDK PH Scewdriver	**9008490000**	2	100
SDK PH Scewdriver	**9008500000**	3	150
Set with 6 items	**9009740000**		

PH screwdriver set for slotted/cross-recess screws
S 2.5/3.0/4.0/5.5 PH 1/2

SDK PZ

SDK PZ Screwdriver for cross-recessed Pozidrive screws w. col. stripper acc. to **DIN 5260 PZ/ISO 8764-PZ**

Ordering data		Size	Dim. C
Type	Cat. No.		in mm
SDK PZ Screwdriver	**9008520000**	0	60
SDK PZ Screwdriver	**9008530000**	1	80
SDK PZ Screwdriver	**9008540000**	2	100
SDK PZ Screwdriver	**9008550000**	3	150

SDIK PH

SDIK PH Insulated screwdriver for Phillips cross-recessed screws for performing works on energized parts up to AC 1000 V / DC 1500 V tested acc. to **DIN EN 60 900 (VDE 0682 Teil 201),** column stripper acc. to **DIN 5260 PH/ISO 8764-PH**

Ordering data		Size	Dim. C
Type	Cat. No.		in mm
SDIK PH Screwdriver	**9008560000**	0	60
SDIK PH Screwdriver	**9008570000**	1	80
SDIK PH Screwdriver	**9008580000**	2	100
SDIK PH Screwdriver	**9008590000**	3	150
Set with 6 items	**9009730000**		

Slot insul. acc. to VDE
PH screwdriver set for cross-recessed screws
S 3.0/4.0/5.5/6.5 PH 1/2

IS

IS Allen key **DIN 6911**

Ordering data	
Type/Key	Cat. No.
IS 4 mm	**0485100000**
for Weidmüller terminal blocks SAK 35	
0476520000, 0476560000, 0582460000 (not shown)	
IS 6 mm	**0407900000**
for Weidmüller terminals SAK 70	
0340820000 (ohne Abb.)	
IS 8 mm	**0235000000**
for Weidmüller terminals SAK 95	
0550520000, 0662220000 (not shown)	

Pictures not to scale

DMS 3 cordless torque screwdriver

DMS 3 cordless torque screwdriver

DMS 3 rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable to clockwise and counter-clockwise rotation
- Two speeds: 200 and 400 rpm
- Torque settings approx. 0.2...3 Nm in 6 steps
- Consistent performance until complete discharge of battery
- Handle swings easily from pistol to rod form
- Takes 1/4" bits held by ball-bearing clamping mechanism
- Safety lock prevents inadvertent switch-on
- Easy to change from battery drive to hand-operation up to 15 Nm

Technical data	
Screwdriver	
Motor	2.4 V DC
No-load speed	200/400 min
Max. torque	3.0 Nm
Chuck	1/4" DIN 3126 Form E 6.3
Length	239 mm
Weight	400 g
Rechargeable batteries	
Batteries	2 rechargeable 1.2 V Ni-Cd batteries
Weight	122 g
Charger	
Input	230 V AC, 50 Hz, 50 mA
Output	2.9 V AC, 1.4 A, 4.1 VA
Charging time	1 hour
Weight	700 g

Ordering data	
Type	Cat. No.
DMS 3	**9007440000**
Screwdriver incl. battery	
DMS 3 Set 1	**9007470000**
Screwdriver incl. battery, charger, bit safe, plastic carrying case	
DMS 3 Set 2	**9007480000**
as set 1, but with 1 additional battery	

Accessories	
Spare battery	**9007450000**
Charger	**9007460000**

Notching tools

WAW 1

To break off the W-range cross-connection, (types WQV 2.5 to WQV 35)

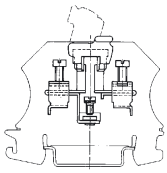
Type	Cat. No.
WAW 1	**9004500000**

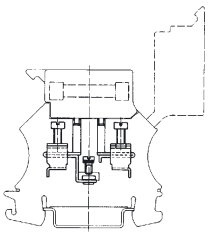
WAW 2

To remove the cross-connection window from the terminal insulator of WSI 6 and WTR 2.5

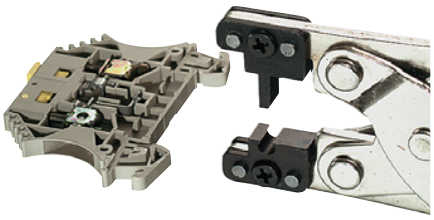
Type	Cat. No.
WAW 2	**9004510000**

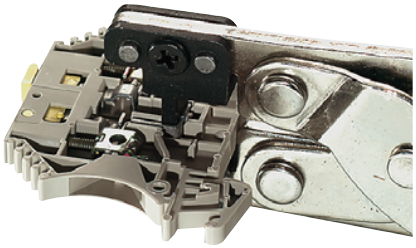
Cross-connection for disconnect terminal WTR 2.5 and fuse terminal WSI 6

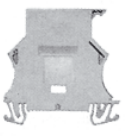




The cross-connection link is screwed directly onto the busbar. For this, the cut-out is removed, the fixing screw inserted and the terminal snapped on the rail. The cross-connection link is pushed in laterally. Then the screws are tightened. The side window of the last terminal must not be broken out.







Terminals are to be regarded as an identification system in electrical installations. By assigning them to individual circuits, marking and classification of individual functional units can take place in an optimum manner, provided only one conductor is always connected to each clamping unit.

In other words:

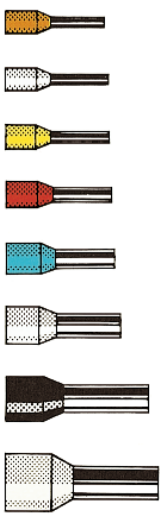
- For design purposes, only one conductor should always be connected to one clamping unit for classification
- For the purpose of change or extension, two identical conductors can be connected to each clamping unit.

Weidmüller feed-through terminals, type WDU have been specially designed for this purpose!
Tension-clamp connection elements type ZDU allow only one conductor per clamping unit.
VDE 0611 Part 1/8.92 (IEC 60 947-7-1: 1989) Section 4.3.5 specifies: "The conductor could be rigid (solid or stranded) or flexible. The manufacturer of the terminals shall state the types and the maximum and ninimum cross-sections of conductors that can be connected and if applicable, the number of conductors simultaneously connectable to each terminal. He shall also state any necessary preparation of the end of the conductor."
VDE 660 Part 100/7.92 (IEC 947-1: 1988) adds the following: "The manufacturer shall state the type (rigid-solid or stranded or flexible), the minimum and the maximum cross-sections of conductors simultaneously connectable to the terminal."

Terminal type	Cond. end bare (solid, stranded, flexible)	Ferrules acc. to DIN 46228/1	With insulating collar
WDU 2.5			
Insul. stripping l. (mm)	10	10	10
Conductor ø mm²	0.5…1.5	0.5…1.0	0.5
WDU 4			
Insul. stripping l. (mm)	10	10	10
Conductor ø mm²	0.5…1.5	0.5…1.5	0.5
WDU 6			
Insul. stripping l. (mm)	12	12	12
Conductor ø mm²	0.5…2.5	0.5…2.5	0.5…1.0
WDU 10			
Insul. stripping l. (mm)	12	12	12
Conductor ø mm²	1.0…4.0	1.0…4.0	1.0…1.5
WDU 16			
Insul. stripping l. (mm)	16	16	16
Conductor ø mm²	1.5…4.0	1.5…4.0	1.5…4.0
WDU 35			
Insul. stripping l. (mm)	18	18	18
Conductor ø mm²	2.5…6.0	2.5…6.0	2.5…6.0

Ask for information about clambability when preparing your conductors in other ways!

IMPORTANT: Only one conductor may be connected to each clamping unit in protective conductor terminals.



Ferrules with insulating collar

Cross-section in mm²	Type	Cat. No.	WDU 2.5 ZDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35
0.5	H 0.5/14	**0690700000**	●	●				
0.75	H 0.75/14	**0462900000**	●	●	●			
1.0	H 1.0/14	**0463000000**	●	●	●			
1.5	H 1.5/14	**0463100000**	●	●	●			
2.5	H 2.5/14	**1333100000**	●*	●	●	●		
4.0	H 4.0/17	**0463300000**		●	●	●		
6.0	H 6.0/20	**0533500000**			●	●	●	
10.0	H 10/22	**0534200000**				●	●	●
16.0	H 16/24	**0565900000**					●	●
25.0	H 25/30	**0317000000**						●
35.0	H 35/30	**0317200000**						●

* for ZDU 2.5 DIN AEH H 2.5/18 D Cat. No. **9019170000**

Ferrules without insulating collar

acc. to DIN 46228, page 1/3.73

Cross-section in mm²	Type	Cat. No.	WDU 2.5	WDU 4 ZDU 2.5	WDU 6	WDU 10	WDU 16	WDU 35
0.5	H 0.5	**0282600000**	●	●				
0.75	H 0.75	**0542500000**	●	●	●			
1.0	H 1	**0282800000**	●	●	●			
1.5	H 1.5	**0186500000**	●	●	●			
2.5	H 2.5	**0186100000**	●	●	●	●		
4.0	H 4	**0244100000**		●	●	●		
6.0	H 6	**0191900000**			●	●	●	
10.0	H 10	**0282900000**				●	●	●