



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 identifiable 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 engrave 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 engrave 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.

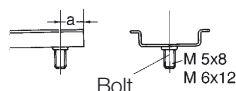
Mounting rails

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:

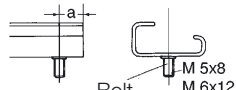
- Only E-Cu or aluminium profiles may be used
- The short-circuit currents and the rated terminal currents must be observed
- The mounting rails must be insulated for the protective measure, "protective insulation".

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).

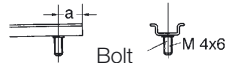
TS 35



TS 32



TS 15



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

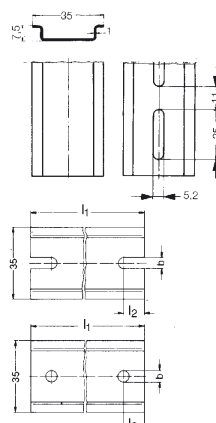
TS 35 x 7.5
Steel, stainless steel



TS 35 x 7.5
Aluminium



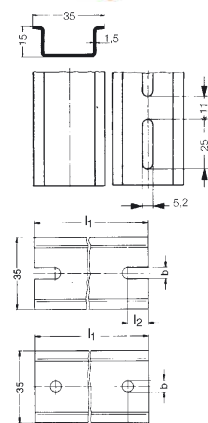
TS 35 x 7.5
Steel
slotted



TS 35 x 15
Steel



TS 35 x 15
Steel slotted

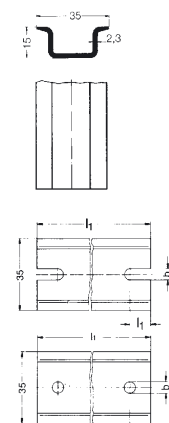


Fixing holes
for TS 35 x 15, Steel
b iaw. specs (ø 3.5/4.5/5.5/7)
l₂ iaw. specs
l₁ to 3 m

TS 35 x 15/2.3
Steel



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 3 m

Ordering data

Stainless steel X5 CrNi 18-10, l = 2 m
Steel, l = 2 m
Steel, l = 1 m
Steel slotted, l = 2 m
Steel slotted, zinc-plated, l = 2 m
Steel slotted, l = 1 m
Alu, l = 2 m
Alu slotted
Cu
PVC grey

Type	Cat. No.	Qty.
TS 35 x 7.5	1747350000	10 m
TS 35 x 7.5	0383400000	10 m
TS 35 x 7.5	0514500000	10 m
TS 35 x 7.5	7915060000	10 m
TS 35 x 7.5	0514510000	10 m
TS 35 x 7.5	0330800000	10 m

Type	Cat. No.	Qty.
TS 35 x 15	0236400000	10m
TS 35 x 15	0236500000	10m
TS 35 x 15	7907490000	10m
TS 35 x 15	0236510000	10m
TS 35 x 15	0270100000	10m*

Technical data

Material
Standard
Short-circuit proof Δ E-Cu-conductor (IEC 60 947-7-1)
Max. permissible rated current for PEN function

Steel	Alu
St 2 zinc-plated	AL blank
DIN EN 50 022	DIN EN 50 022
16 mm ²	35 mm ²
	125 A

Steel	Steel	Copper
St 2 zinc-plated	St 2 zinc-plated	St 2 zinc-plated Cu, blank
	DIN EN 50 022	DIN EN 50 022
25 mm ²	50 mm ²	150 mm ²
		309 A

End bracket

EW 35	0383560000	50
WEW 35/1	1059000000	50
WEW 35/2	1061200000	50

EW 35	0383560000	50
WEW 35/1	1059000000	50
WEW 35/2	1061200000	50

Mounting rails support

For slotted TS 32 rail

(M 5 thread)
(M 6 thread)
(M 6 thread)

TSTW 5	0178100000	10
TSTW 6	0164000000	10
TST 2	0101700000	10

TSTW 5	0178100000	10
TSTW 6	0164000000	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 8	0642600000	50
FKSC M 5 x 8	0295900000	50

FKSC M6x12	0353500000	50
FKSC M6x8	0642600000	50
FKSC M5x8	0295900000	50

Mounting foot

Steel with M 4 thread
PA 66 orange
With M 3 and M 5 thread (cream)

FM 4	0687900000	40
Mounting foot	0646260000	20

FM 4	0687900000	40
Mounting foot	0646260000	20

Support block

SH 2	0494920000	10
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SH 2	0494920000	10
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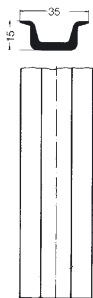
Locking pin

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

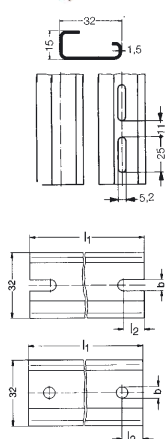


Fixing holes
on request

TS 32
Stainless steel
Steel

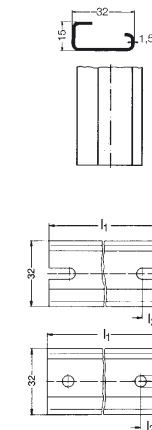


TS 32
Steel slotted



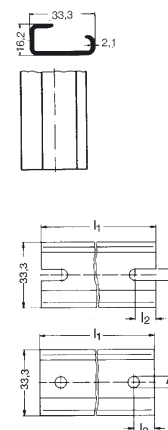
Fixing holes
b iaw. specs
(ø 4.5/5.5/7)
l2 iaw. specs, max. 15
l1 to 3 m

TS 32
Aluminium



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

TS 32
Copper

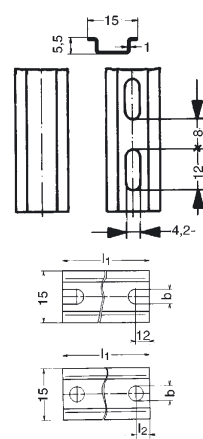


Fixing holes
b iaw. specs
(ø 4.5/5.5/7)
l2 iaw. specs, max. 15
l1 to 2 m

TS 15
Steel



TS 15
Steel slotted

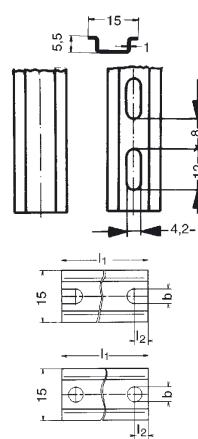


Fixing holes
b iaw. specs
(ø 4.3)
l2 iaw. specs
l1 to 2 m

TS 15
Aluminium



TS 15
Aluminium slotted



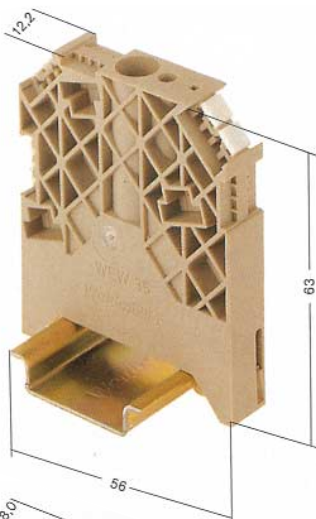
Fixing holes
b iaw. specs
(ø 4.3)
l2 iaw. specs
l1 to 2 m

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
			TS 32	0293220000	10m							TS 15	0514200000	10m			
			TS 32	0122800000	10m							TS 15	0514210000	10m			
												TS 15	0117500000	10m			
			TS 32	0514400000	10m												
												TS 15	0117510000	10m			
			TS 32	0514410000	10m												
						TS 32	0169300000	10m*							TS 15	0134700000	10m*
															TS 15	0217900000	10m*
TSK 35 x 15	0514300000	10m*							TS 32	0364300000	10m*						
Plastic			Steel			Alu			reinforced material			Steel			Alu		
PVC			St 2 zinc-plated			AL blank			Cu, blank			St 2 zinc-plated	St 2 zinc-plated		AL blank		
			DIN EN 50 035						-			DIN EN 50 045	DIN EN 50 045				
			35 mm ²			70 mm ²			120 mm ²			10 mm ²	6 mm ²		16 mm ²		
			--			192 A			269 A						76 A		
EW 35	0383560000	50	EWK 1	0206160000	50	EWK 1	0206160000	50	EWK 1	0206160000	50	EW 15	0382860000	50	EW 15	0382860000	50
WEW 35/1	1059000000	50	EWK 2	0199360000	50	EWK 2	0199360000	50	EWK 2	0199360000	50	EW 15/2	1071900000	50	EW 15/2	1071900000	50
WEW 35/2	1061200000	50															
			EWK 1	0495160000	50												
TSTW 5	0178100000	10	TSTW 5	0178100000	10	TSTW 5	0178100000	10	TSTW 5	0178100000	10						
TSTW 6	0164000000	10	TSTW 6	0164000000	10	TSTW 6	0164000000	10	TSTW 6	0164000000	10						
TST 2	0101700000	10	TST 2	0101700000	10	TST 2	0101700000	10	TST 2	0101700000	10						
FKSC M6x12	0353500000	50	FKSC M6x12	0353500000	50	FKSC M6x12	0353500000	50	FKSC M6x12	0353500000	50	BS M 4 x 6	0136300000	50	BS M 4 x 6	0136300000	50
FKSC M6x8	0642600000	50	FKSC M6x8	0642600000	50	FKSC M6x8	0642600000	50	FKSC M6x8	0642600000	50	FKSC M4x6	1567480000	100	FKSC M4x6	1567480000	100
FKSC M5x8	0295900000	50	FKSC M5x8	0295900000	50	FKSC M5x8	0295900000	50	FKSC M5x8	0295900000	50						
			MB 3/5	0503500000	20	MB 3/5	0503500000	20	MB 3/5	0503500000	20						
			MB 6/4	0334900000	20	MB 6/4	0334900000	20	MB 6/4	0334900000	20						
			MB 5/3	0553400000	20	MB 5/3	0553400000	20	MB 5/3	0553400000	20						
SH 2	0494920000	10	SH 2	0494920000	10	SH 2	0494920000	10	SH 2	0494920000	10	SH 1	0299860000	20	SH 1	0299860000	20
			SST 3	0152700000	-	SST 3	0152700000	-	SST 3	0152700000	-	SST 1.2	0306600000	-	SST 1.2	0306600000	-
			SST 3 Ms	0169400000	-	SST 3 Ms	0169400000	-	SST 3 Ms	0169400000	-	SST 1.2 Ms	0308200000	-	SST 1.2 Ms	0308200000	-

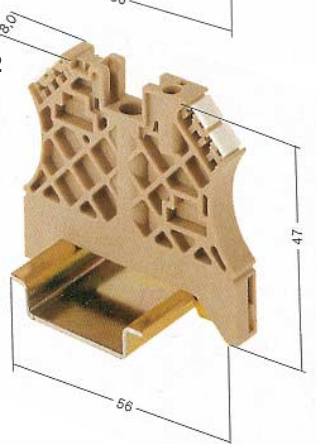
End brackets

**End bracket
for TS 35**

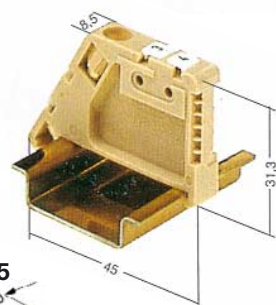
WEW 35/1



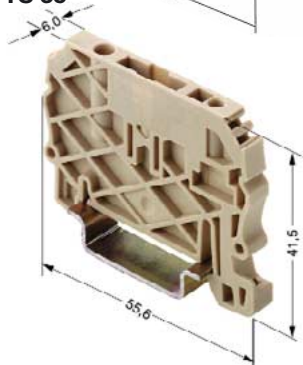
WEW 35/2



EW 35

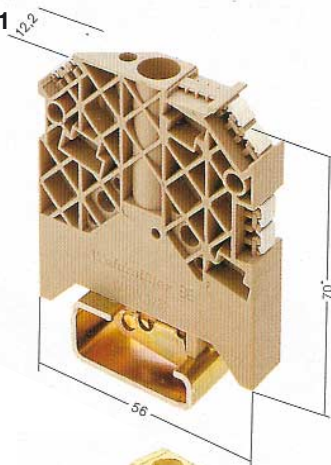


ZEW TS 35

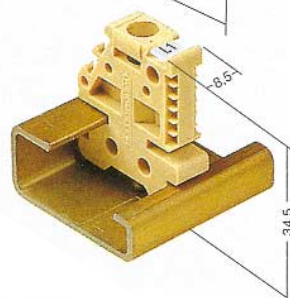


**End bracket
for TS 32**

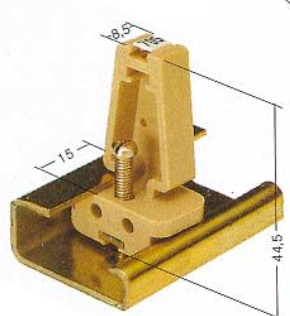
WEW 32/1



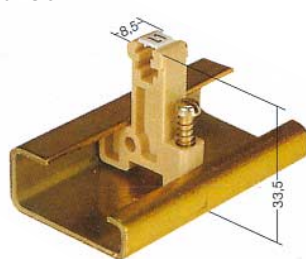
EWK 1



EWK 2

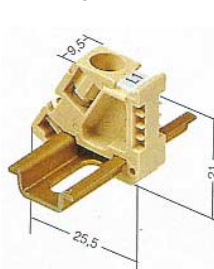


EWK for slotted TS 32

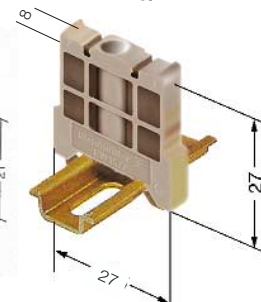


**End bracket
for TS 15**

EW 15



EW 15/2



**ZEW 15
on TS 15**



**End bracket
for cut-out**

EWK 7.5

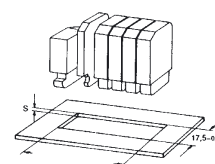


Mounting cut-out

Material thickness:

S = 1.5–0.3

S = 2.5–0.3

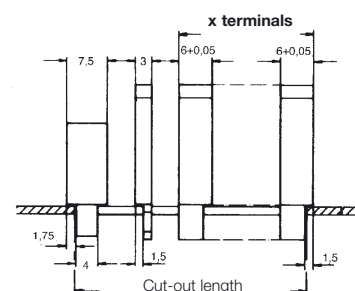


Cut-out length

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



x terminals

Cut-out length

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

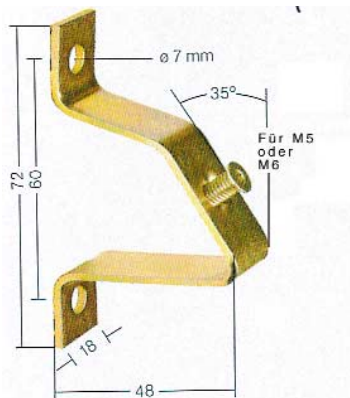
**not for EWK 7.5 + EW 15/2

Mounting rail support

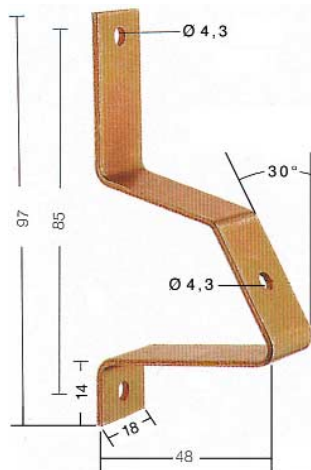
TSTW, TST

Material thickness 1.8 mm

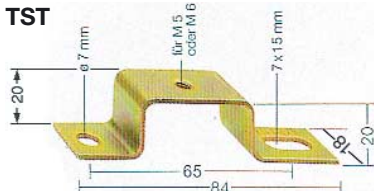
TSTW



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.

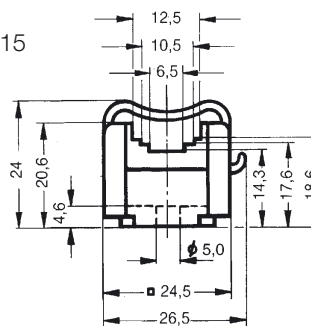
Type	Cat. No.	Qty.
TSTW (M 5)	0178100000	10
TSTW (M 6)	0164000000	10
TSTW Ø 4.3	1610110000	10
TST (M 6)	0101700000	10
TST (M 5)	1286600000	10
TSTW (M 5), zinc-plated	1779100000	10
Fixing screw		
FKSC M 5x8 Ø 9 hexagon socket SW 2.5	0295900000	50
FKSC M 6x8 Ø 9 hexagon socket SW 3	0642600000	50
FKSC M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

Support block

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

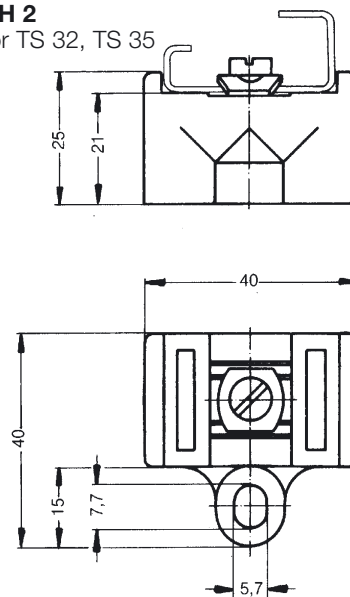
SH 1

for TS 15



SH 2

for TS 32, TS 35



SH 2

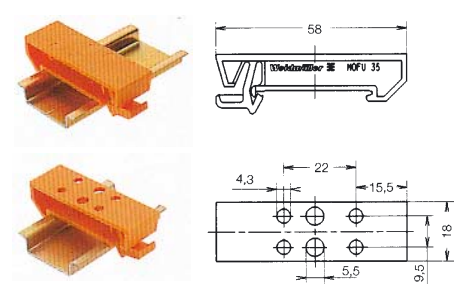
The SH 1 and SH 2 support blocks enable construction of insulated mounting rails.

Type	Cat. No.	Qty.
SH 1 for TS 15	0299860000	20
in PA (thermoplastics) compl.		
SH 1 Base	0401460000	20
SH 1 Bracket	0635960000	500
Type	Cat. No.	Qty.
SH 2 for TS 32/35	0494920000	10
in KrG (thermosetting)		

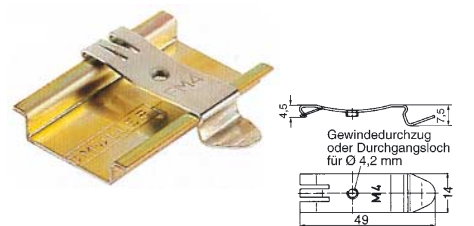
Mounting bases

Mounting bases for TS 32 and TS 35

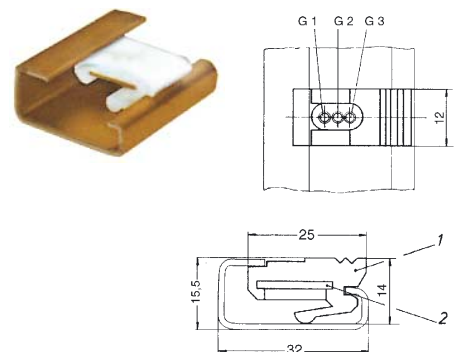
MOFU



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	0646260000 with bore	20
for TS 35 x 7.5 u. 35 x 15 gel.	0495660000 without bore	20
MB 3/5 (cream)	0503500000	20
with thread M 3 and M 5, for TS 32		
MB 6/4 (grey)	0334900000	20
with thread M 6 and M 4, for TS 32		
MB 5/3 (black)	0553400000	20
with thread M 5 and M 3, for TS 32		

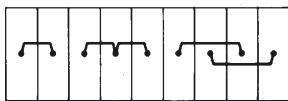
Cross-connection systems

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 (VGB 4) and VDE 0106 Part 100/3.83.

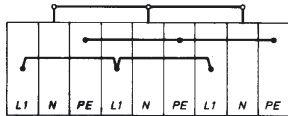
Arrangement of two potentials



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.

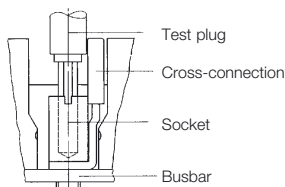
Cross-connections with more than 10-pole. In order to cross-connect more than 10 terminals, the screwdriver guidances and the fixing crews on the end of the WQV are to be connected and removed. A 2-pole WQV is set in parallel against it.



WQV cross-connection with STB and PS

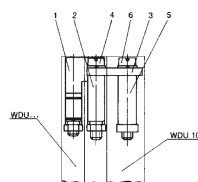
The fixing screw and the WQV insulation component must be removed. A socket serves to fix and receive the test plug.

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

Cross-connection systems

Pluggable cross-connection of the W-series

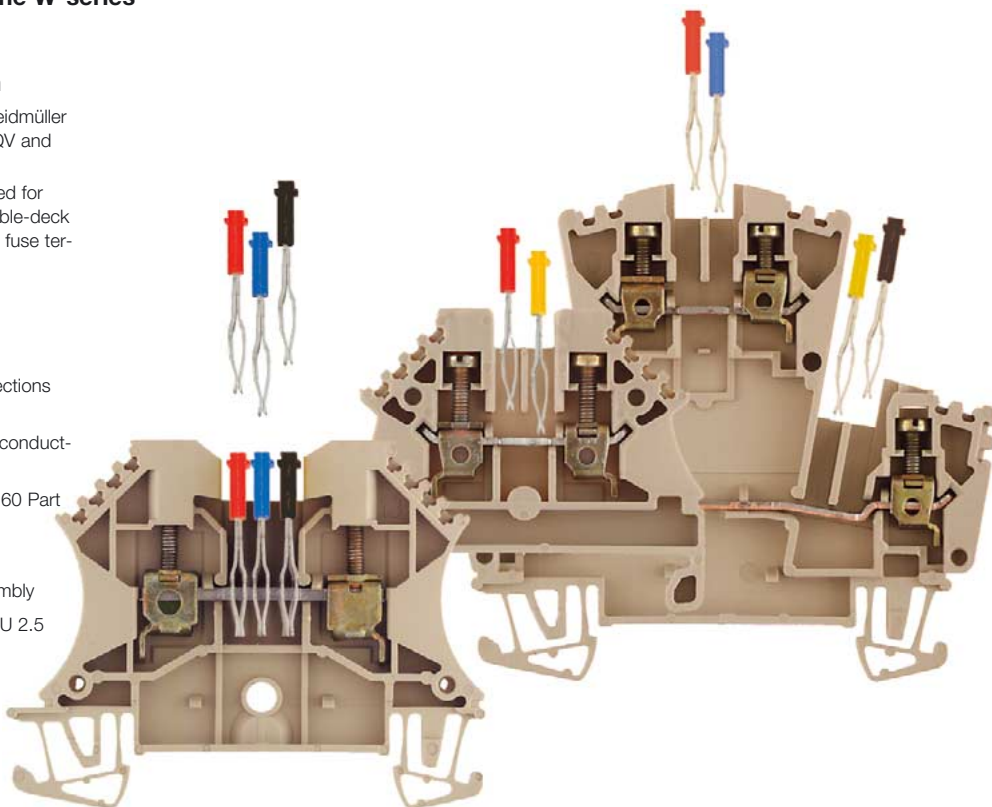
Cross-connection with a system

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

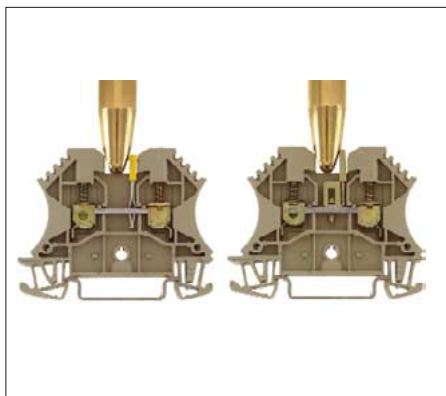
The cross-connection system ZQV can be used for 75% of all applications (feed-through and double-deck terminals 2.5 and 4 mm², disconnect-test and fuse terminals)

Cross-connection system

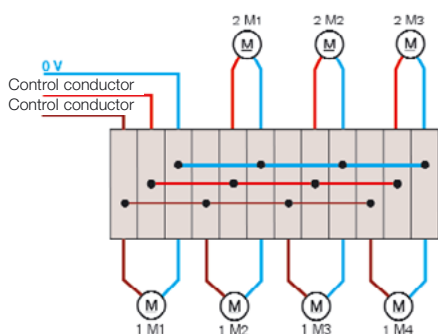
- parallel routing of 2 potentials
- parallel routing of 3 potentials
- no small partitions for adjacent cross-connections up to 400 V
- the full rated current of the terminal can be conducted over all pole numbers
- safe from finger-touch according to VDE 0160 Part 100 (VGB 4)
- colour coding
- pluggable 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



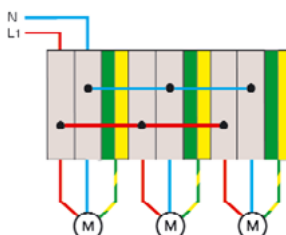
No partitions or small partitions for neighbouring cross-connections up to 400 V



Cross-connections are safe from finger-touch according to VDE 0106, Part 100 (VGB 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 ZQV¹⁾ 2.5N or WQV 2.5 for 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/...



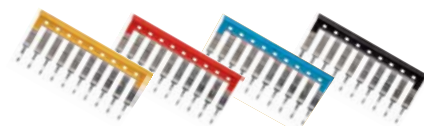
Type	Cat. No.	Qty.
ZQV 2.5N/2	1693800000	60
ZQV 2.5N/3	1693810000	60
ZQV 2.5N/4	1693820000	60
ZQV 2.5N/5	1693830000	20
ZQV 2.5N/6	1693840000	20
ZQV 2.5N/7	1693850000	20
ZQV 2.5N/8	1693860000	20
ZQV 2.5N/9	1693870000	20
ZQV 2.5N/10	1693880000	20
ZQV 2.5N/50	1693890000	20

- 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: Terminals 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
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ZQV 16/2



ZQV 16/2	1739690000	50
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ZQV 35/2



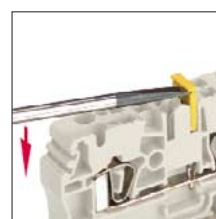
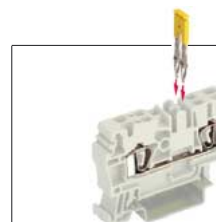
ZQV 35/2	1739700000	10
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ZQS 2.5/...

suitable for the ZSI 2.5/2 fuse terminal only

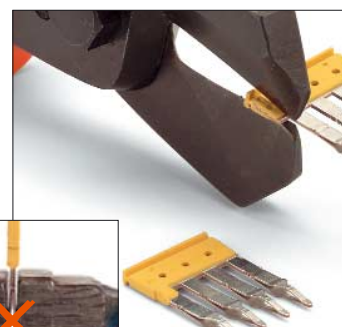


ZQS 2.5/2	1633200000	20
ZQS 2.5/3	1633210000	20
ZQS 2.5/4	1633220000	20
ZQS 2.5/5	1633230000	20



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.

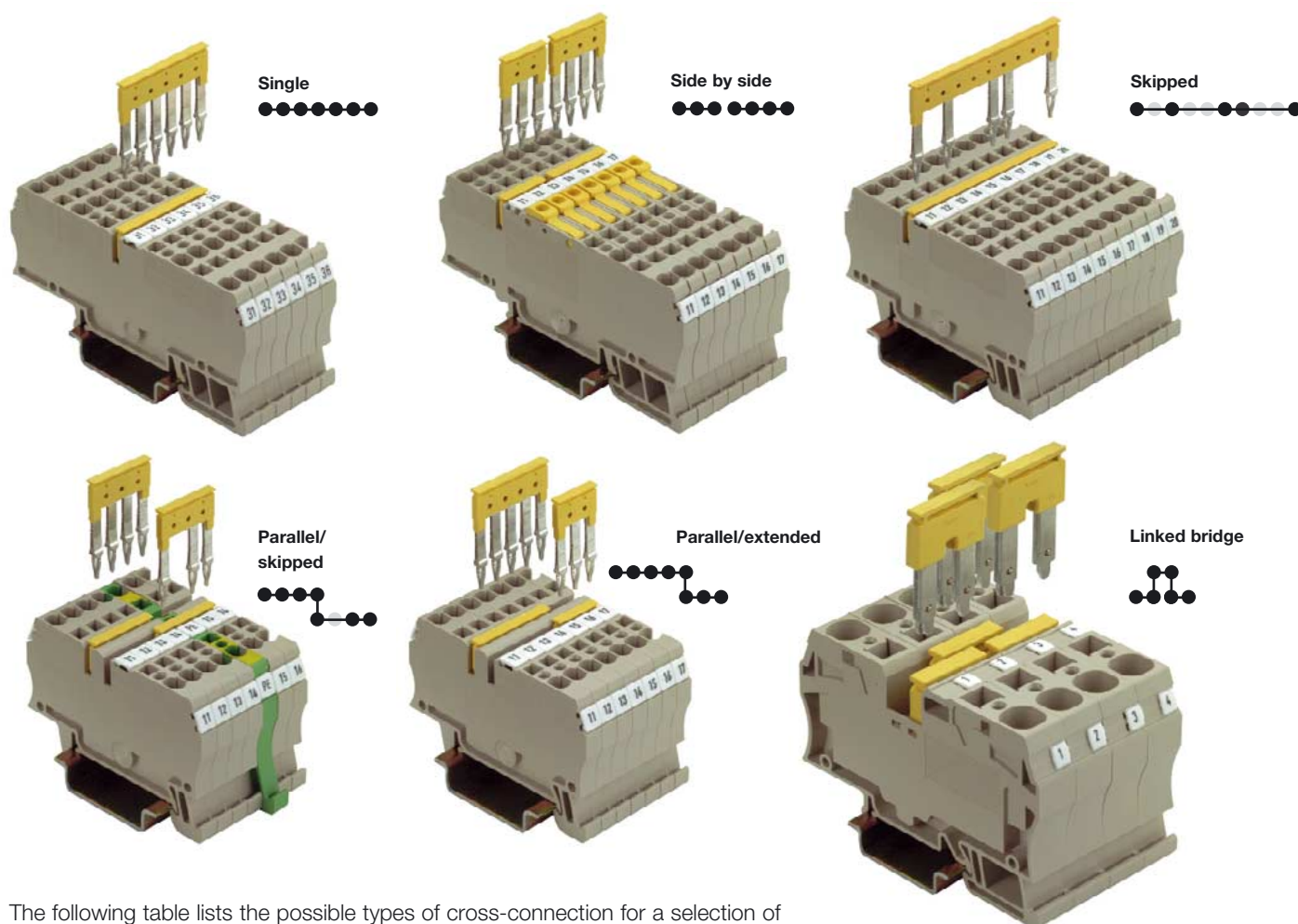


Caution:
Do not deform the contact elements!



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

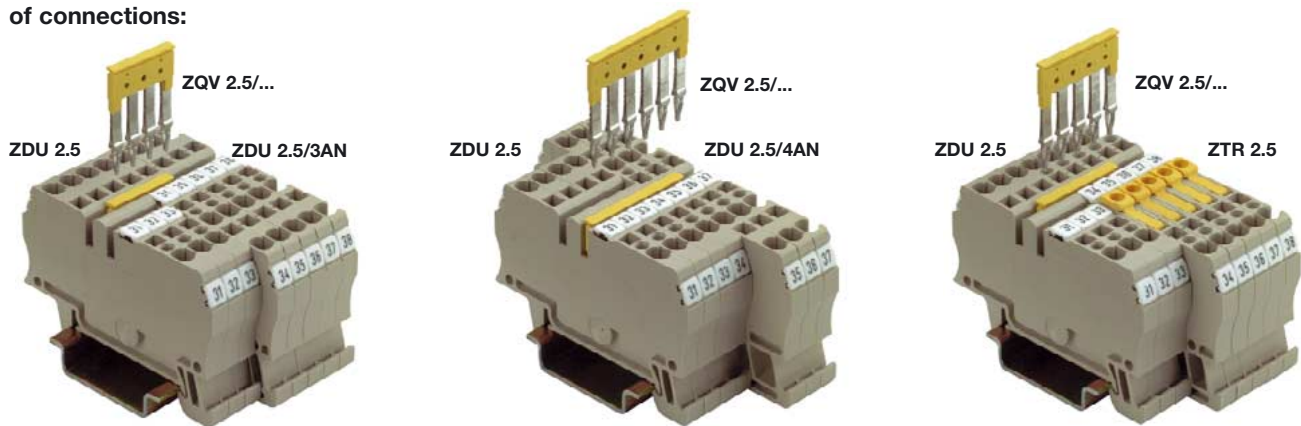


The following table lists the possible types of cross-connection for a selection of terminals of the same type.

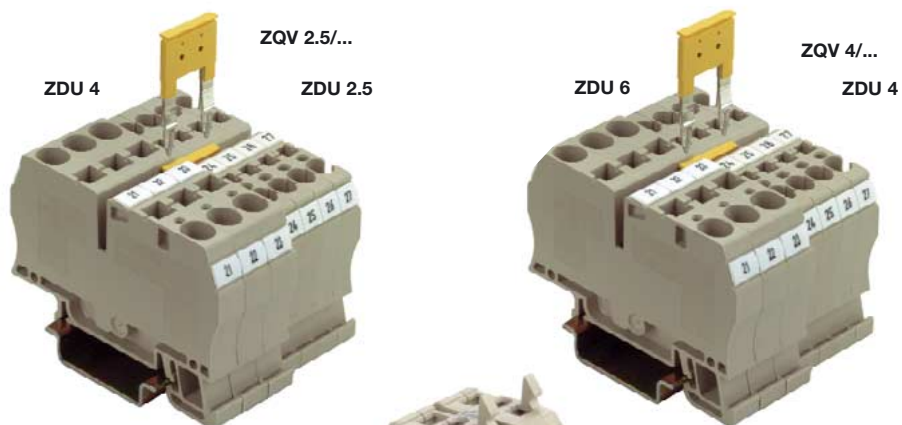
Terminal type	Cross-connection type	Single	Side by side	Skipped	Linked bridge	Parallel/skipped	Parallel/extended
ZDU 2.5	ZQV 2.5/...	●	●	●	●	●	●
ZDU 2.5 - 2/3 AN	ZQV 2.5/...	●	●	●	●	●	●
ZDU 2.5 / 3 AN	ZQV 2.5/...	●	●	●			
ZDU 2.5 / 4 AN	ZQV 2.5/...	●	●	●			
ZTR 2.5	ZQV 2.5/...	●	●	●			
ZTR 2.5 / 3 AN	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

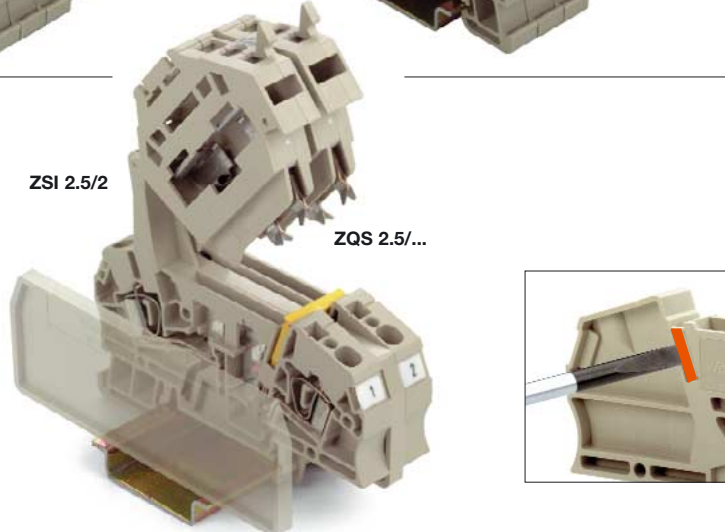
Terminals with the same cross-sections but different numbers of connections:



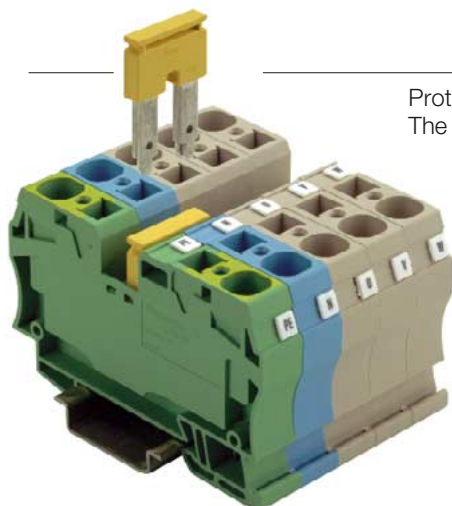
Terminals with different cross-sections:



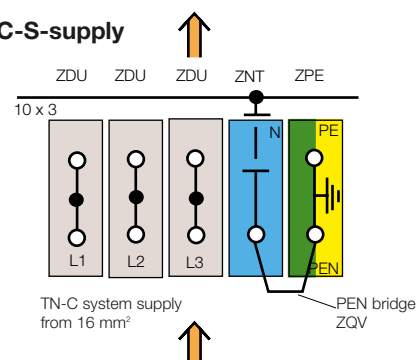
Fuse terminals with the same cross-section:



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:



TN-C-S-supply



Further cross-connectable terminals of Z-series

Terminals without cross-connection channel:

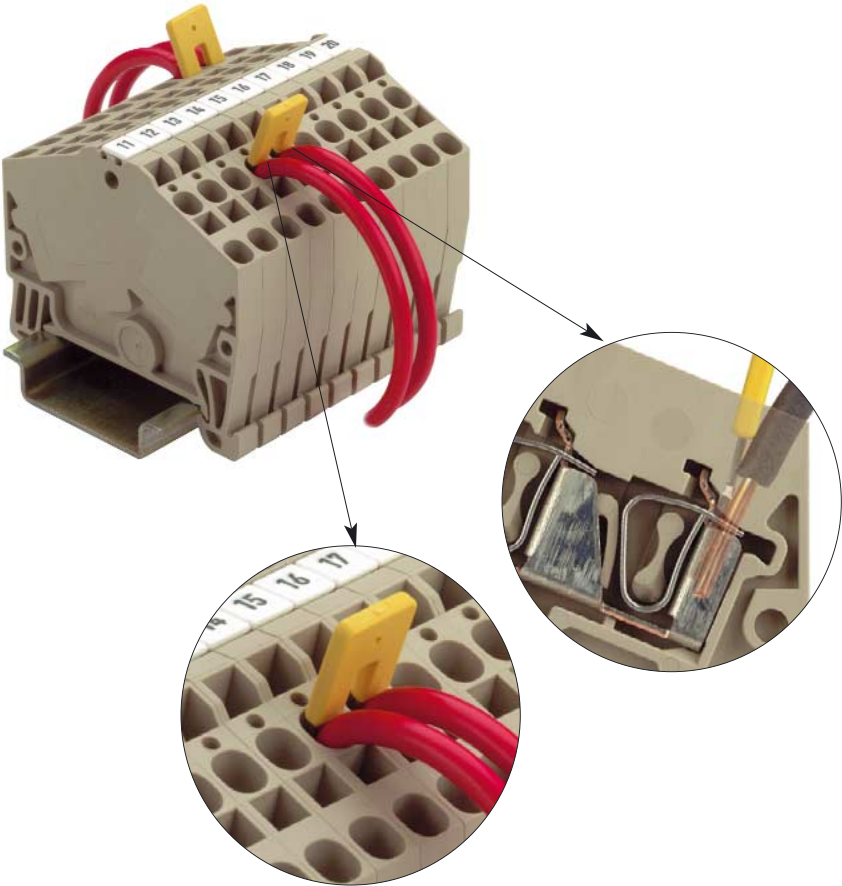
ZDU 2.5 – 2 / 4AN

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

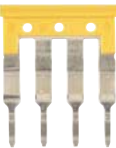


Type	Cat. No.	Qty.
ZQB 2.5	1677120000	50

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:
ZDU 6	ZDU 2.5/4AN	ZQV 2.5/...
	ZDU 4	ZQV 4/...
	ZDU 6	ZQV 6/...
	ZEI 16	ZQV 6/...
ZDU 4	ZDU 2.5	ZQV 2.5/...
	ZDU 2.5/4AN	ZQV 2.5/...
	ZDU 4	ZQV 4/...
	ZDU 6	ZQV 4/...
	ZEI 16	ZQV 4/...
ZDU 2.5	ZDU 2.5	ZQV 2.5/...
	ZDU 2.5/3AN	ZQV 2.5/...
	ZDU 2.5/4AN	ZQV 2.5/...
	ZTR 2.5	ZQV 2.5/...
	ZDU 4	ZQV 2.5/...
	ZDU 6	ZQV 2.5/...
	ZEI 16	ZQV 2.5/...
ZDU 2.5 / 3 AN	ZDU 2.5/3AN	ZQV 2.5/...
	ZTR 2.5	ZQV 2.5/...
ZDU 2.5 / 4 AN	ZDU 2.5/4AN	ZQV 2.5/...
	ZEI 16	ZQV 2.5/...
ZTR 2.5	ZDU 2.5/3AN	ZQV 2.5/...
	ZTR 2.5	ZQV 2.5/...

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

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.

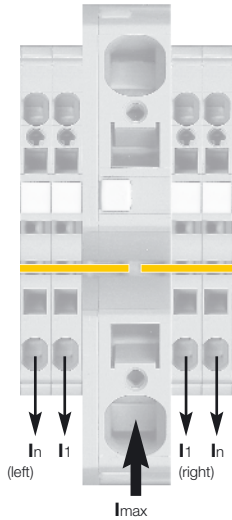
- Feed left and/or right possible with:
- ZDU 2.5 and ZQV 2.5/...
 - ZDU 2.5/4 AN and ZQV 2.5/...
 - ZDU 4, EDU 4/3 AN, ZDU 4/4 AN and ZQV 4/...
 - ZDU 6, ZDU 6/3 AN and ZQV 6/...



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

Feed, left

Feed terminal	Feed	I _{max}
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



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

Feed, middle

Feed terminal	Feed	I _{max}
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



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

Feed, right

Feed terminal	Feed	I _{max}
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



Dimensions		
Width/length/height	mm	6/21/61
Insulation stripping length	mm	10
Rated data		
Rated voltage/current/cross-section		400 V/17.5 A/2.5 mm ²
Rated insulation voltage to VDE 0110 / 1.89 / pollution severity		6 kV/3
Further technical data		
Clampable conductor:		
Solid H07V-U	mm ²	0.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible with ferrule according to DIN 46 228/1**	mm ²	0.5...2.5
Flexible with ferrule with plastic insulating collar**	mm ²	0.5...2.5
Max. clamping range in mm ² /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

ZBW

Actuating tools



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

ZST

Bus support



Type	Cat. No.	Qty.
ZST	1678680000	50

ZVQ 2.5/1.5

Vertical connector

ZQB 2.5

Vertical-connection bridge



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.

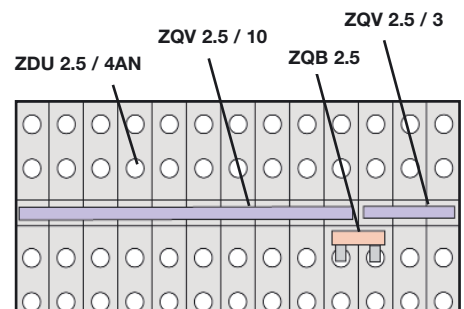


The ZBW 1-6 and ZBW W can be used for actuating the 1.5 mm² and 2.5 mm² terminal clamping units. The ZBW W additionally offers easier access in confined spaces. The plastic actuating tools increase safety when working on energised systems.

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



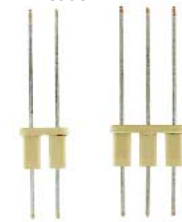
Marking tags	Aufdruck	
DEK	FW/FS/...	DEK 5 section "Accessories"
WS white	neutral	ZS 10/5 1610000000 480
WS white	indiv. printed	ZS 10/5 1610010000 480
DEK		
WS		

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

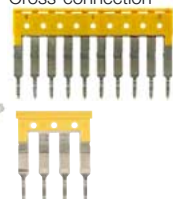


4,8/83.5/33.5

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

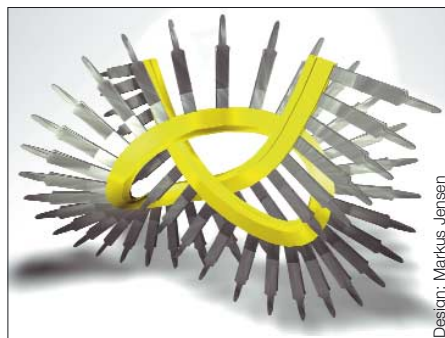
Type	Cat. No.	Qty.
ZQV 2.5/2	1608860000	60
ZQV 2.5/3	1608870000	60
ZQV 2.5/4	1608880000	60
ZQV 2.5/5	1608890000	20
ZQV 2.5/6	1608900000	20
ZQV 2.5/7	1608910000	20
ZQV 2.5/8	1608920000	20
ZQV 2.5/9	1608930000	20
ZQV 2.5/10	1608940000	20
ZQV 2.5/50	1697540000	20

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.

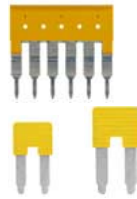
Using this system, you will be able to reduce storage requirements but still have a cross-connection with the correct number of poles available. Left-overs occur infrequently due to the high number of poles (50).

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



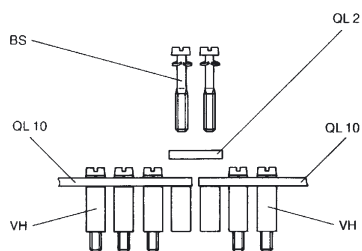
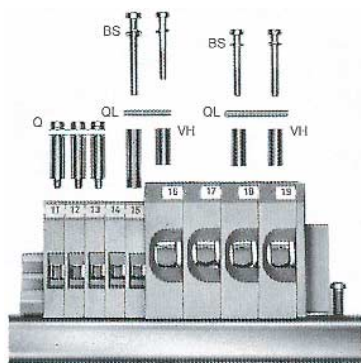
Type	Cat. No.	Qty.
ZTA 1	1609040000	25
ZTA 1/ZA	1609050000	25
ZTA 2	1609060000	25
ZTA 2/ZA	1609070000	25
ZTA 3	1654050000	25
ZTA 4	1688110000	25
ZTA 5	1776210000	25
ZTA 5/ZA	1776210000	25
TA 1	0535860000	20
PS 2.3	0180400000	20
PS 2.0	0293800000	20

Termini-Point® = registered trademark of company AMP

Wire-wrap® = registered trademark of company Gardener Denver

Cross-connection systems

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.

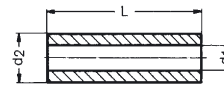
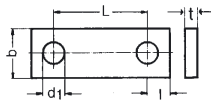
Cross-connection over more than 10 terminals

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.

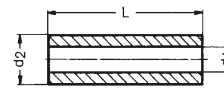
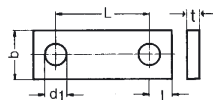
Cross-connection systems



Q										QL										VH										BS										SS									
Type	Current of terminal	Cross-connection		Left		Dimensions					Conn. cont. current	Without thread				Screws				Screw retainer																													
		Type	Cat. No.	Type	Cat. No.	b	t	L	d1	l		Type	L	d2	d1	Cat. No.	Shape	Size																															
Type	A	Poles	Cat. No.	Poles	Cat. No.	b	t	L	d1	l		Lenght	Cat. No.	L	d2	d1	Cat. No.	Shape	M																														
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 continuous current	Connection sleeves without thread	Fixing screws without thread
Type		Type	Type	Dimensions				
Code	A		Poles Cat. No.	b	t	L	d1	l
SAK B 10	47 A		QL 2 0114100000	6	2	10	4.1	3.5
			QL 3 0114300000					
			QL 4 0114500000					
			QL 10 0338400000					
SAKC 10	27 A		QL 2 0135500000	6	2	12	4.1	4.0
			QL 3 0135600000					
			QL 4 0135700000					
			QL 10 0338500000					
SAK H 6			QL 2 0131400000	6	2	14	3.4	3.4
SAK H 10			QL 3 0131500000					
			QL 4 0131600000					
			QL 10 0338700000					
SAKS 1	10 A		QL 2 0191400000	6	2	12.9	3.4	3
SAKS 3	10 A		QL 3 0191500000					
SAKS 6	10 A		QL 4 0191600000					
SAKS 7	10 A		QL 10 0338800000					
KSK 1, 2 and 3								
SAKS 4	16 A		QL 2 0328000000	10	4	24	4.8	5
			QL 3 0328100000					
			QL 4 0328200000					
			QL 10 0339000000					
SAKS 2	10 A		QL 2 0207800000	10	4	27.6	4.8	6.5
SAKS 5	63 A		QL 3 0207900000					
			QL 4 0208000000					
			QL 10 0338900000					
AKZ 1.5	17.5 A	Q 2 0368200000	QL 2 0330200000	4	1.5	5	2.8	2.0
AKZ 1.5 T		Q 3 0368300000	QL 3 0330300000					
AKZ 1.5 W		Q 4 0368400000	QL 4 0330400000					
AKZ 2.5	24 A	Q 10 0368500000	QL 10 0339100000					
DK 4 Q	32 A	Q 2 0336400000	QL 2 0297200000	4	0.8	6.1	2.8	2.5
DKB 4 Q/10	32 A	Q 3 0336500000	QL 3 0297300000					
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
AK 4/10	32 A	Q 3 0369100000	QL 3 0297300000					
		Q 4 0369200000	QL 4 0297400000					
		Q 10 0369300000	QL 10 0339200000					
SAKG 28	125 A		QL 2 0193900000	14	4	28	6.4	7
			QL 3 0407600000					
			QL 4 0407700000					
SAKG 32	150 A		QL 2 0194000000	18	5	32	8.4	9
SAKG 70	192 A		QL 3 0441500000					
			QL 4 0441600000					
SAKG 40	232 A		QL 2 0194000000	18	5	32	8.4	9
			QL 3 0441500000					
			QL 4 0441600000					
SAKG 40/35	232 A		QL 2 0211400000	25	5	46	10.5	12.5
			QL 3 0444900000					
			QL 4 0445000000					
SAKG 46	309 A		QL 2 0247000000	32	6	46	13.0	16
			QL 3 0444400000					
			QL 4 0444500000					
SAKG 54	415 A		QL 2 0264400000	40	6	54	17.0	20
			QL 3 0408000000					
			QL 4 0247400000					

Cross-connection combs QB

	2-pole
	3-pole
	4-pole
	6-pole
	10-pole
	24-pole
QB 58-pole	straight
QB 58-pole	angled
QB 75-pole	straight
QB 75-pole	angled
	black
	blue
	red

chamfered edge

[illegible]

QB 58, QB 75



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

Pitch mm		Pitch mm	
8		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

chamfered edge



Cross-connection comb
insulated

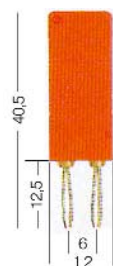
[illegible]

Cross-connection plugs QS and DQS

- 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
- with diode 1 N 4007

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)

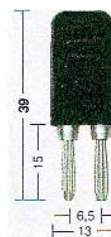
for socket 2 mm Ø

[illegible]

for socket 2.3 mm Ø

[illegible]

for socket 2.3 mm Ø



Cat. No.	Qty.
1069900000	
0471560000	20
0471460000	20
0471660000	20
0212700000	20

for socket 4 mm Ø
loadable to 44 A



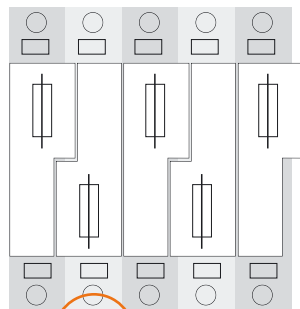
Type	Cat. No.	Qty.
QS 2 (2-pole)	0270960000	20
x = 8 mm, y = 16 mm		
QS 2 (2-pole)	0270860000	20
x = 10 mm, y = 20 mm		
QS 2 (2-pole)	0270760000	20
x = 12 mm, y = 20 mm		

Accessories for 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!

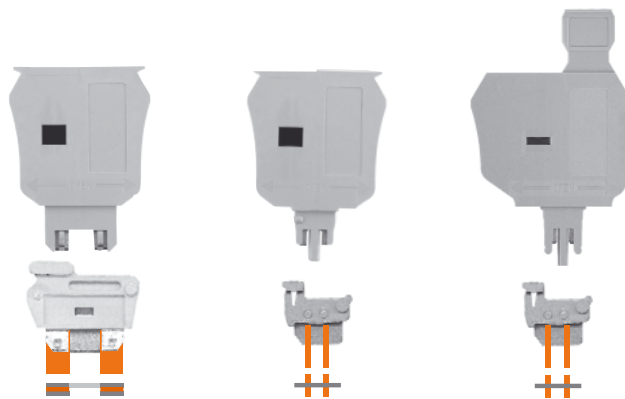
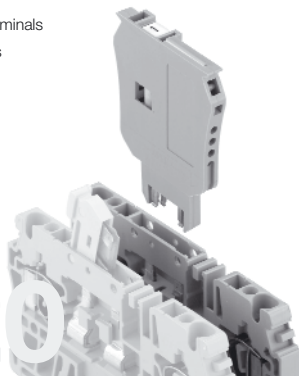
- Even fits onto 5 mm wide terminals
- Easy handling – without tools
- Wemid housings (V0)
- Easy fuse replacement
- Power loss 1.6 W

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.



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
- without 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

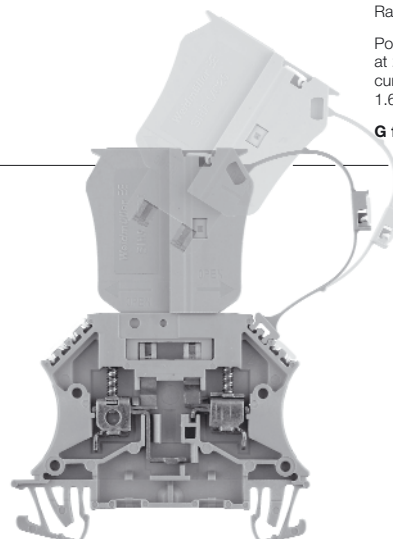
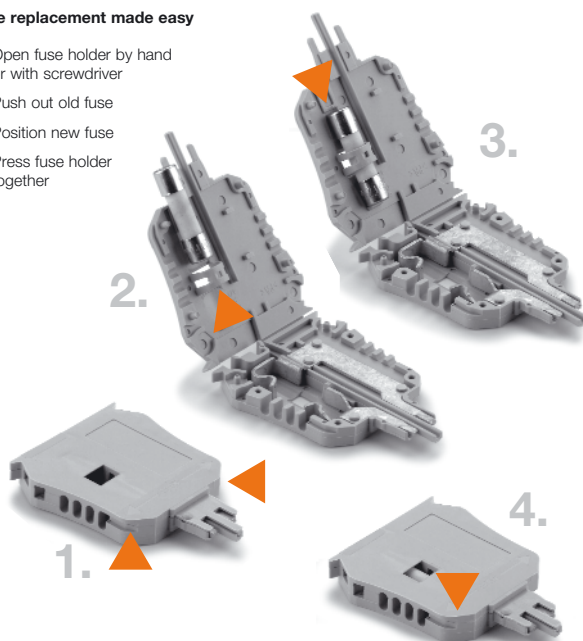
Rated voltage	400 V
Rated current	6.3 A

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

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

Switching 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

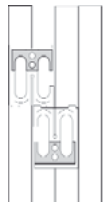
SAKT 2

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.

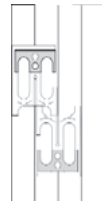
SSP WTL + SSP 3 and SSP 4 prevent the undesired opening and closing of circuits. They block the disconnect slide in its respective position. The disconnect lock can easily be pressed into the terminal from above. It can only be released with a tool.

QVSK 2 (167036)

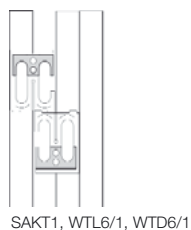


SAKT2

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



QVS

WKB



QVS K



QVS 2S



WKS

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



QL

Cross-connecting link



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

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)		

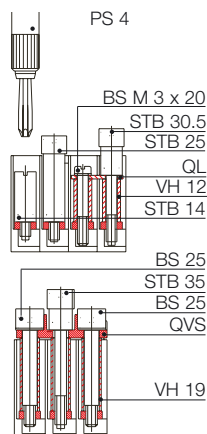
for SAKT 4		
BS M 3 x 15	0377200000	100
CuNi 60 (copper-nickel alloy)		

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.



Test socket screws

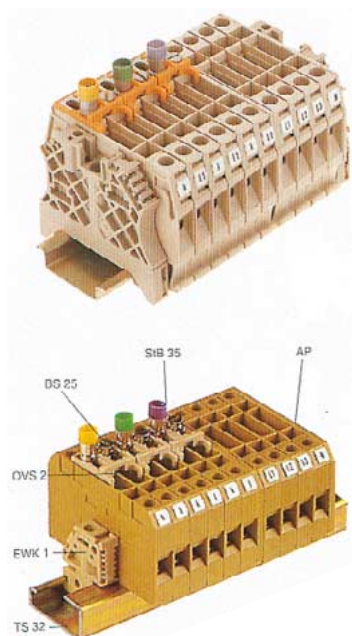
StB

for WTL/SAKT

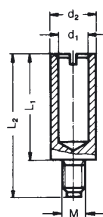
The type StB 25 socket accepts the PS 4 test plug in type WTL 6/1, SAKT 1 and SAKT 2 disconnect-test terminals or the type QS cross-connecting plug.

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.

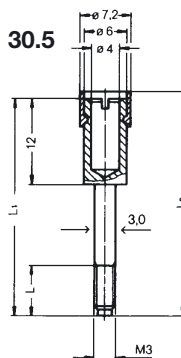


StB 5.5...17



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	SAKT 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



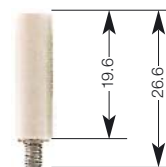
Type	Colour	CatNo	Qty.	L1	L2	L for terminal type
StB 30.5 black	0341000000	50	30.5	31.7	7	SAK 4, SAK 6 N
StB 30.5 grey	0341100000	50	--	--	--	SAK 10, SAK 16
StB 30.5 blue	0341200000	50	--	--	--	
StB 30.5 red	0341300000	50	--	--	--	
StB 30.5 green	0341400000	50	--	--	--	
StB 30.5 yellow	0341500000	50	--	--	--	
StB 30.5 violet	0341600000	50	--	--	--	
StB 28.5 black	0133400000	50	28.5	29.7	9	SAK 2.5

StB 25



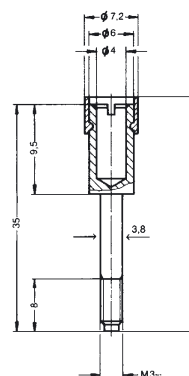
Type	Colour	Cat. No.	Qty.	for terminal type
StB 25	yellow	0267200000	50	SAKT 1 and SAKT 2
	green	0271200000	50	
	violet	0271300000	50	
	black	0271500000	50	
	grey	0271400000	50	
	blue	0343400000	50	
	red	0343300000	50	

StB 21.6



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	

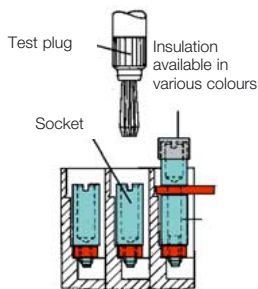
StB 35



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.)

Type	Cat. No.	Qty.
------	----------	------

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.)

Type	Cat. No.	Qty.
------	----------	------

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 inter-
nal diameter to a 4 mm inter-
nal 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 con-
verting sockets with a 2.0 mm
internal diameter to a 4.0 mm
internal diameter.

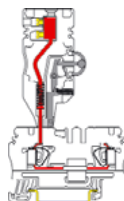
Type	Cat. No.	Qty.
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FK 4 **1678650000** 20
Flexible coupling to link test
plug to adapter.
The free end has a ferrule to
prevent fraying.

Test adapters

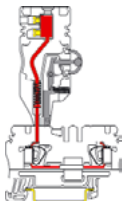
ZTA 1/...

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



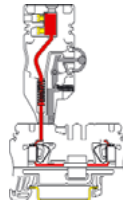
ZTA 2/...

For terminal type ZDU 4 and
ZPE 4



ZTA 3

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



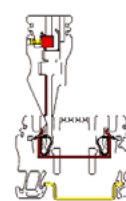
ZTA 4

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/...



Dimensions (mm)

Height (with TS 35 x 7.5)	99.1
Length	31.5
Pitch	5.0
Insulation stripping length	6.0

99.1
31.5
5.0
6.0

103.5
31.5
6.0
6.0

105.5
31.5
5.0
6.0

112
31
5.0
6.0

81 (ZDU 1.5)	95 (ZDK 1.5)
20	
3.5	
6.0	

Technical data

Rated voltage/ current/cross-section	
– acc. to IEC 60 947-7-1	250 V/9 A/1.5 mm ²
– acc. to UL/CSA	

250 V/9 A/1.5 mm ²

250 V/9 A/1.5 mm ²

250 V/9 A/1.5 mm ²

250 V/11 A/1.5 mm ²

200 V/13.5 A/1 mm ²

Ordering data

Version	1-pole
---------	--------

Type	Cat. No.	Qty.
ZTA 1	1609040000	25

Type	Cat. No.	Qty.
ZTA 2	1609060000	25

Type	Cat. No.	Qty.
ZTA 3	1654050000	25

Type	Cat. No.	Qty.
ZTA 4	1668110000	25

Type	Cat. No.	Qty.
ZTA 5	1776210000	25

With pips	
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ZTA 1/ZA	1609050000	25
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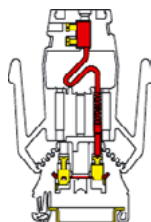
ZTA 2/ZA	1609070000	25
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ZTA 5/ZA	1776220000	25
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Test adapters

WTA 1/...

For terminal type WDU 1.5



Dimensions (mm)	
Height (with TS 35 x 7.5)	98.2
Length	66.1
Pitch	5.0
Insulation stripping length	6.0

Technical data

Rated voltage/	
-current/cross-section	
- acc. to IEC 60 947-7-1	250 V/6 A/1.5 mm ²
- acc. to UL/CSA	300 V/6 A/1.5 mm ²

Ordering data

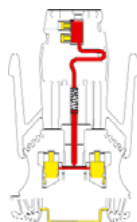
Version	Type	Cat. No.	Qty.
1-pole	WTA 1	1632290000	25
With pips	WTA 1/ZA	1632300000	25
10-pole	WTA 1/10	1632310000	5

Accessories

Strain relief	ZE 1	1632150000	25
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WTA 2/... WTA3/...

For terminal types WDU 2.5, WDU 4, WDU 2.5/1.5 ZR, WDU 1.5 ZZ WDU 6/10 (single comp.)



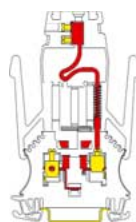
	Type	Cat. No.	Qty.
	WTA 2	1632320000	25
	WTA 3	1632350000	25
	WTA 2/ZA	1632330000	25
	WTA 3/ZA	1632360000	25
	WTA 2/10	1632340000	5
	WTA 3/10	1632370000	5

Version	Type	Cat. No.	Qty.
1-pole	WTA 2	1632320000	25
With pips	WTA 2/ZA	1632330000	25
10-pole	WTA 2/10	1632340000	5

Strain relief	ZE 1	1632150000	25
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WTA 6/...

For terminal type WTR 2.5



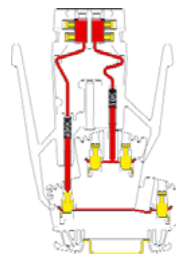
	Type	Cat. No.	Qty.
	WTA 6	1632380000	25
	WTA 6/ZA	1632390000	25
	WTA 6/10	1632400000	5

Version	Type	Cat. No.	Qty.
1-pole	WTA 6	1632380000	25
With pips	WTA 6/ZA	1632390000	25
10-pole	WTA 6/10	1632400000	5

Strain relief	ZE 1	1632150000	25
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WTA 4/...

For terminal types WDK 2.5, WDK 2.5 V, WDK 2.5 F, WDK 2.5 FF



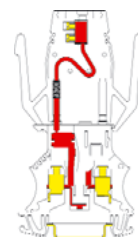
	Type	Cat. No.	Qty.
	WTA 4	1649600000	25
	WTA 4/ZA	1649610000	25
	WTA 4/10	1649620000	5

Version	Type	Cat. No.	Qty.
1-pole	WTA 4	1649600000	25
With pips	WTA 4/ZA	1649610000	25
10-pole	WTA 4/10	1649620000	5

Strain relief	ZE 1 SW	1632150000	25
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WTA 7/...

For terminal types WSI 6, WSI 6/2



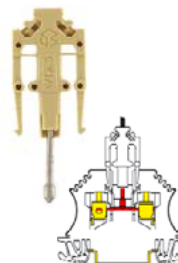
	Type	Cat. No.	Qty.
	WTA 7	1650210000	25

Version	Type	Cat. No.	Qty.
1-pole	WTA 7	1650210000	25

Strain relief			
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WTA 5/...

For terminal type WDU 2.5...10



Dimensions (mm)	
Height (with TS 32)	
(with TS 35 x 7.5)	68.2
(with TS 15)	
Length	17.0
Pitch	5.0
Insulation stripping length	14

Technical data

Rated voltage/	
current/cross-section	
- acc. to IEC 60 947-7-1	250 V/6 A/0.75 mm ^{2**}
- acc. to UL/CSA	300 V/6 A/0.75 mm ^{2**}

Ordering data

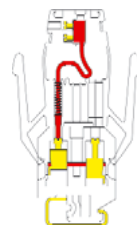
Version	Type	Cat. No.	Qty.
1-pole	WTA 5/1	1051260000	25
With pips	-	-	-
10-pole	WTA 5/10	1062060000	5

Accessories*

Mounting plate			
Strain relief			

STA 1/... STA 2/...

For terminal type SAK 4...10 SAK 2.5



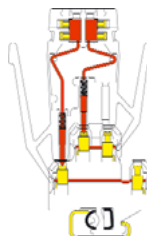
	Type	Cat. No.	Qty.
	STA 2	1632410000	25
	STA 1/ZA	1632450000	25
	STA 2/ZA	1632420000	25

Version	Type	Cat. No.	Qty.
1-pole	STA 2	1632410000	25
With pips	STA 1/ZA	1632450000	25
10-pole	STA 2/ZA	1632420000	25

Strain relief	ZE 1	1632150000	25
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STA 4/...

For terminal types DK 4, DK 4V, DK 4 Q



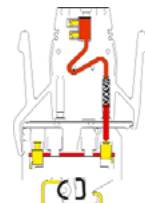
	Type	Cat. No.	Qty.
	STA 4	1649580000	25
	STA 4/ZA	1649590000	25

Version	Type	Cat. No.	Qty.
1-pole	STA 4	1649580000	25
With pips	STA 4/ZA	1649590000	25

Strain relief			
---------------	--	--	--

STA 5/...

For terminal type ASK 1



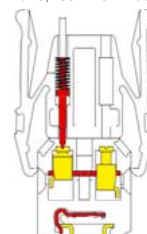
	Type	Cat. No.	Qty.
	STA 5	1650230000	25

Version	Type	Cat. No.	Qty.
1-pole	STA 5	1650230000	25

Strain relief			
---------------	--	--	--

ATA 1/...

For terminal types AKZ 4, Cat. No. **153826** AKZ 4/10, Cat. No. **148936**



	Type	Cat. No.	Qty.
	ATA 1/ZA **	1632540000	25
	ATA 1/10 **	1633240000	5

Version	Type	Cat. No.	Qty.
1-pole	ATA 1/ZA **	1632540000	25
10-pole	ATA 1/10 **	1633240000	5

Strain relief	AP/ATA 1	1538370000	25
---------------	----------	-------------------	----

Test adapters

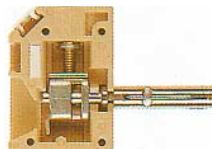
TA 1



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
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

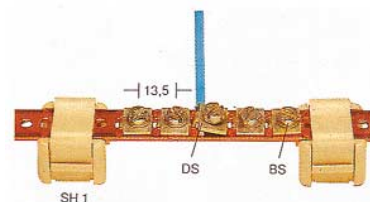
In panels and control systems it may be necessary to unite the N and PE conductors at a central point.

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



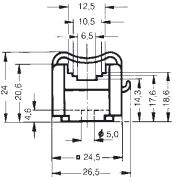
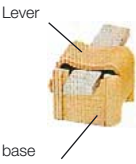
NSch 15x2



Length 1 m			Length 1 m			Length 1 m		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Current loading of busbars			NSch	0280200000	1	ESch	0280300000	1
SSch	0348900000	1	Cu blank, 15 x 2 mm (80 A)			Steel gal. zinc 12 x 2 mm		
Cu tin-plated, 10 x 3 mm (140 A)			DS	0280100000	100	DS	0280100000	100
SSch	0438000000	1	Pressure piece			Pressure piece		
Steel zinc-plated, 10 x 3 mm			BS M 5 x 8	0296700000	100	BS M 5 x 8	0296700000	100
SSch	0571300000	1	Clamping screw			Clamping screw		
Cu tin-plated, 6 x 6 mm (140 A)			Connection data			Connection data		
SSch	0571200000	1	Screw connection single-stranded:			Screw connection single-stranded:		
Ms blank, 6 x 6 mm (100 A)			0.5...2.5 mm ² , max. 27 A			0.5...2.5 mm ² , max. 27 A		
SSch	0357400000	1	Stripping length: 9 mm			Stripping length: 9 mm		
Cu tin-plated, 15 x 6 mm (265 A)			Cable lug conn. max.:16 mm ²			Cable lug conn. max.: 10 mm ²		

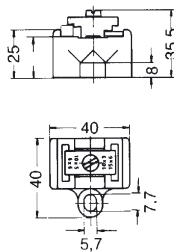
Rail supports

SH 1



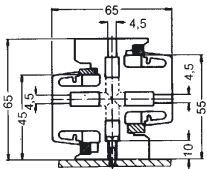
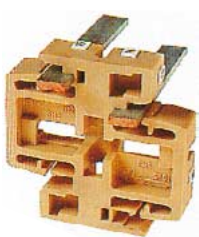
Type	Cat. No.	Qty.
SH 1 PA kpl.	0299860000	20
SH 1 base	0401460000	20
SH 1 lever	0635900000	500
for 10 x 3/6 x 6/15 x 2/12 x 2 busbars		
Accessories for SH 1 PA:		
BS M 4 x 9	0103300000	100
Fixing screw for 1 SH 1		
BS M 4 x 30	0267100000	50
Fixing screw for 2 xck SH 1 stacked		

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



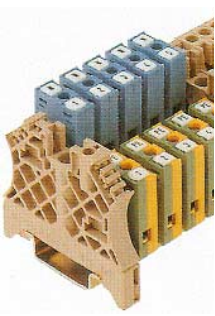
Type	Cat. No.	Qty.
SH 3 PA	0556660000	10
for 10 x 3/6 x 6/10 x 5		

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		

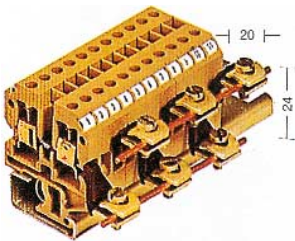
WEW 35/2



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		

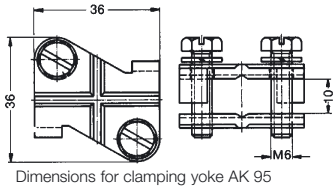
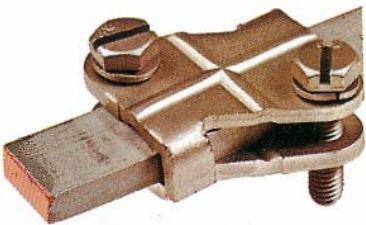
Connection elements

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 mm ²		
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



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 mm ²	
flexible	= 6...50 mm ²	
stranded	= 16...50 mm ²	

Clamping yokes

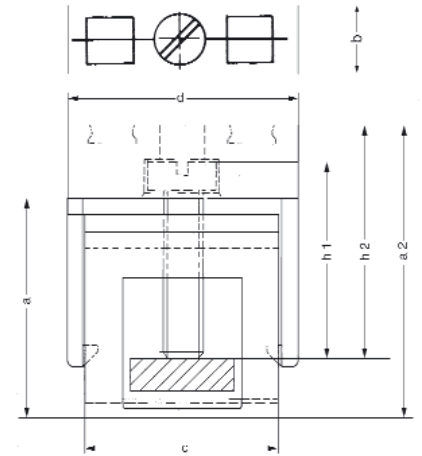
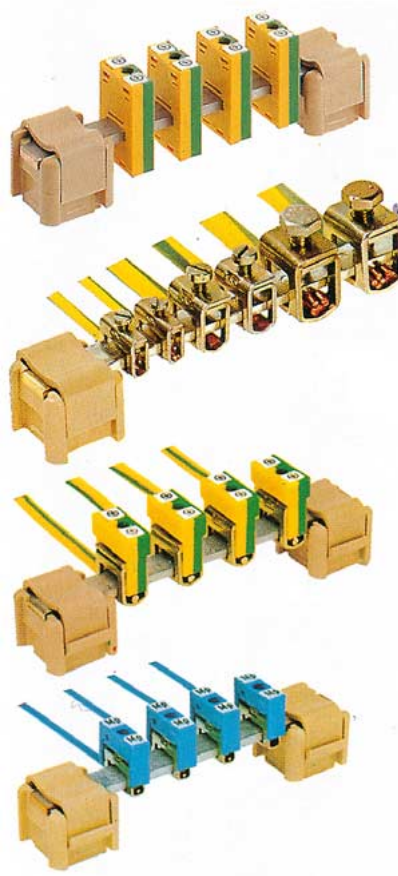
To unite the N- or PE-conductor at a central point it is best to use the ZB clamping yoke together with the busbar 10 x 3 or 6 x 6.

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



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 4/6 ZB 4/6K



ZB 16 ZB 16K



Insulation stripping length:

Busbar	10 x 3		16 mm 12 mm	
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	

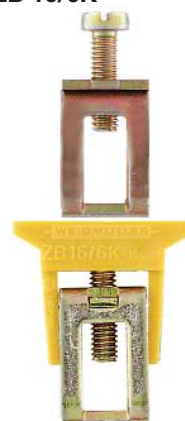
Individual insulation caps

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 16/6 ZB 16/6K



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

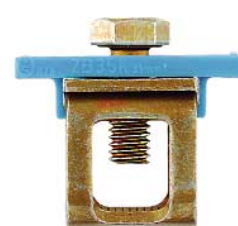
Connection cross-section
1.0...10 mm² solid and 1.5...10 mm² flexible

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)	0132460000	100
with cut-out for SAKT 2		
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

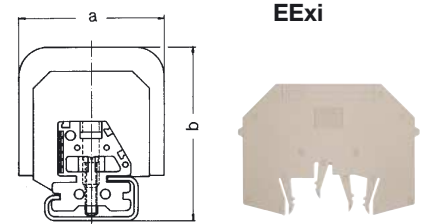
WTW/TW

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.

Assembly on TS 35/TS 32

Cat. No.	Material	Thick.	(Dimensions in mm)			
			a	b	b	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 N, 10
0281120000	KrG	3	60	65.5	-	SAK 16
0281130000	KrS	3	60	65.5	-	SAK 16
0303660000	PA	1.5	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	EExi, SAK 2.5...16
	KrS	3	80	-	70	EExi, SAK 2.5...16



Partitions in cardboard TW-HP

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

between fused and non-fused circuits

Assembly on TS 15

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

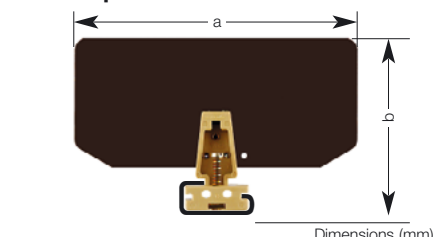
Type	Cat. No.	Use with
WAP WDU 2.5 N	1060000000	WDU 2.5 N
WEMID		
WAP 2.5...10	1050000000	WDU 2.5...10
WEMID		
WAP 16 and 35	1050100000	WDU 16 and 35
WEMID		
WAP WDL 2.5/S	1067700000	WDL 2.5/S
WEMID		
WAP WDL WEMID	1067800000	WDL 2.5
WAP WTL	1068300000	WTL 6/1/WTD 6/1
WEMID		
WAP WDK	1059100000	WDK
WEMID		
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)			
		a		b	
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.

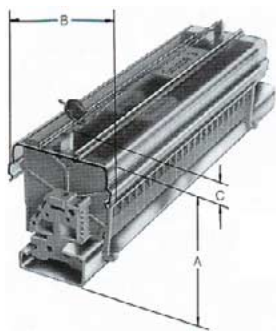
Longitudinal spacing of the cover supports:

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.



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

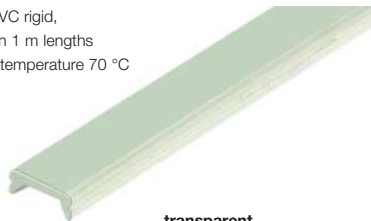
Assignment to various terminal types

SAKD 2.5 N, EK 2.5 N, SAK 2.5, SAK 2.5/35	
SAK 4, EK 4, SAK 4/35, EK 2.5/35, EK 4/35	
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	
SAKC 10, SAK 70, SAKS 1, SAKS 2, SAK 35/35, SAK 70/35	
SAKS 3, SAKS 4, SAKS 5	
SAK 95	
ASK 1, SAKA 10, SAKT 1, SAKB 10, SAKT 2, AST*	
Length 1000 mm	
Length 300 mm	

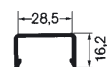
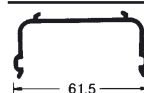
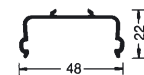
Cover profiles

ADP Cover profiles

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



transparent	
Type	Cat. No.
ADP 1	0485200000
ADP 2	0485300000
ADP 3	0485400000
grey	
Type	Cat. No.
ADP 4 (1000 mm)	1430760000
ADP 4 (300 mm)	1378160000
TSK 31.5	0347960000



Cover supports

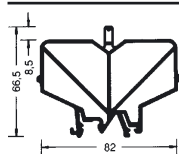
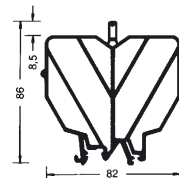
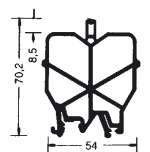
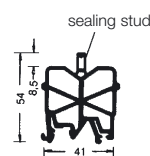
HP Cover supports

Material PA 66
Thickness of cover supports
2 mm



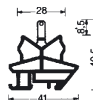
Mounting on TS 35 and TS 32 with sealing stud

Type	Cat. No.
HP 1	0485560000
HP 2	0485660000
HP 3	0485760000
HP 4	0485860000



Montage auf TS 15

Type	Cat. No.
HP 7	0258260000
HP 8	0258360000



ADP			HP		
Cover profiles	Cat. No.	Qty.	Cover supports	Cat. No.	Qty.
ADP 1	0485200000	36	HP 1	0485560000	20
ADP 2	0485300000	36	HP 2	0485660000	20
ADP 3	0485400000	20	HP 3	0485760000	20
ADP 3	0485400000	1	HP 4	0485860000	20
ADP 3	0485400000	1	HP 8	0258360000	20
ADP 4	1430760000	1	HP 7	0258260000	20
ADP 1	0485200000	1			
ADP 4	1430760000	1			
ADP 4	1378160000	10			
TSK 31.5	0347960000	1			

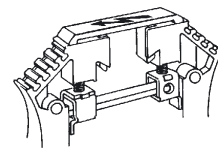
Covers

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

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

Type	Cat. No.	Qty.
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

AD 3 (3-pole)

Terminal type	Terminal width (mm)	Terminal 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)	Terminal 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

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

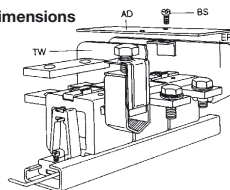


Assembly can be achieved with either two end plates or with one end plate and one separator with a mounting bracket.

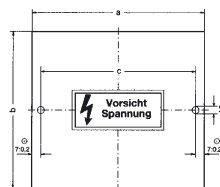
AD for SAKG

Cover plates with adhesive label

Cover plate dimensions



2 mm thick

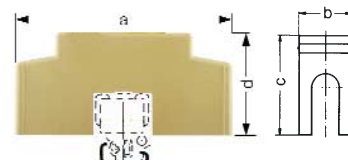
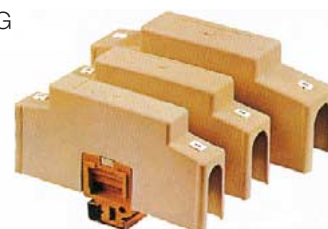


Hoods

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 onto 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

	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

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 0263100000	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

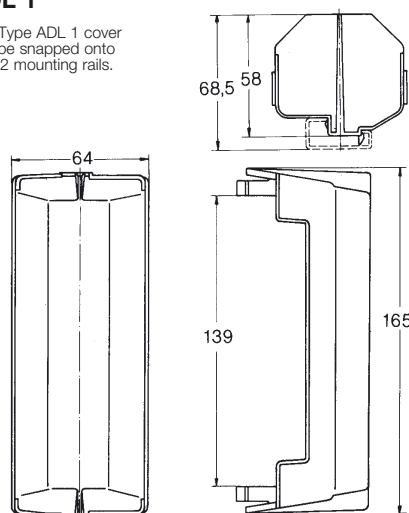
Cover profiles for terminal strips

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

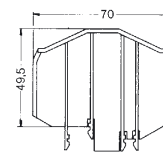
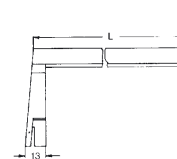
Weidmüller produces completely fitted and marked terminal strips according to your wishes.

ADL 1

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

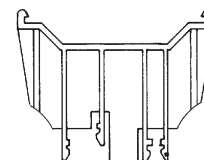


ADL 2



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

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

Terminals which can be fitted under the cover profile:

TS 32

SAKD 2.5 N to SAK 10
EK 2.5 bis EK 10
SAKR, ASK 1, SAKT 1, SAKB 10
SAKS 1, SAKS 3

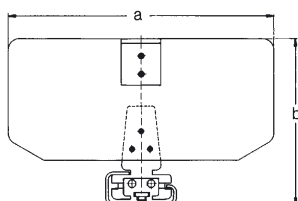
TS 35

WDU 2.5 to WDU 10
WPE 2.5 to WPE 10
WNT 2.5 to WNT 10
ASK 1,
SAKS 1/35, SAKS 3/35

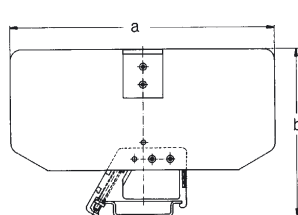
Type	Cat. No.	Qty.
ADL 2/250 L = 250 mm	0634100000	1
ADL 2/400 L = 400 mm	0634200000	1
HP	0634300000	1

End plates

End plate with mounting bracket EP ... /32



End plate with mounting bracket EP ... /32



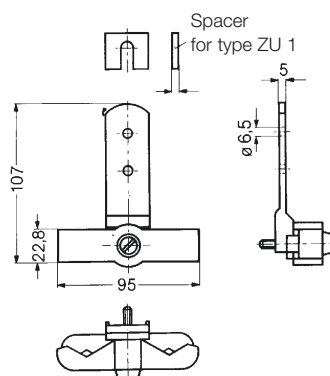
Type	a	b	Cat. No.
EP 1 for SAKG 28 and SAKG 70	120	75.5	0271800000
EP 2 for SAKG 32, 40, 46 and 54	160	90.5	0271900000

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

Terminal markers

Selection table

[illegible]

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	5.08see 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	5.08see 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
WDUL 4	6 see WDU 4																									
WEW 32/1	12.2see 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																									

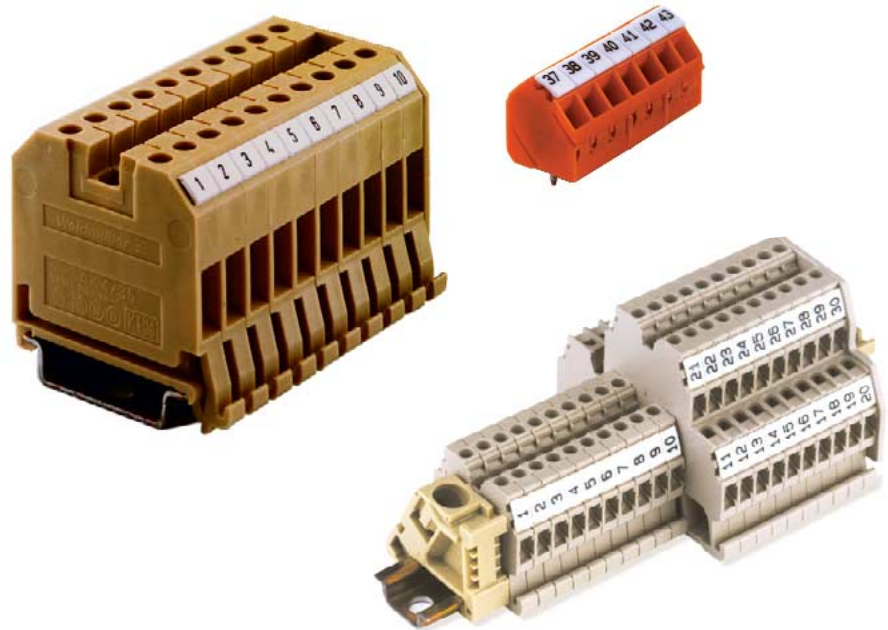
Terminal markers

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
ZDL 2.5/1.5	5	see ZDL 2.5/...																									
ZDL 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, ○ 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
Minimum 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

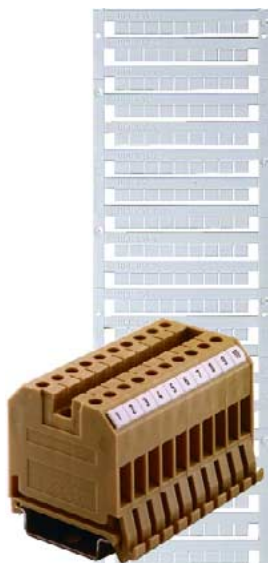
Notes regarding individual print:

- 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 address: Printdata@Weidmueller.de
- Please indicate the file name with your order
- Non-electronic orders (Cat. No. for manual input = 1578800000) will cause a higher price and longer delivery time.
- 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



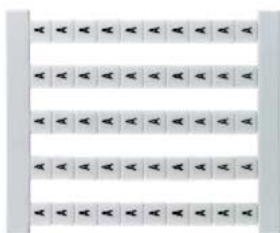
consecutive
horizontal
(GW)



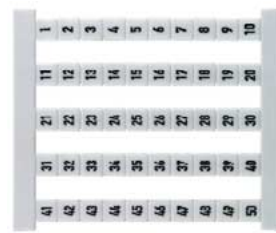
consecutive
horizontal (FW)



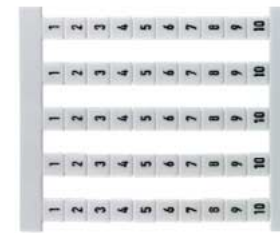
consecutive
horizontal
in rows (FWZ)



consecutive
vertical (GS)



consecutive
vertical (FS)



consecutive
vertical
in rows (FSZ)

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

DEK Variants

Type / Imprint	Cat. No.	Type / Imprint	Cat. No.	Type / Imprint	Cat. No.
DEK 5 GW 95	0522660095	DEK 5 GW 167	0522660167	DEK 5 GW M SMALL	0522861059
DEK 5 GW 96	0522660096	DEK 5 GW 168	0522660168	DEK 5 GW N SMALL	0522861060
DEK 5 GW 97	0522660097	DEK 5 GW 169	0522660169	DEK 5 GW O SMALL	0522861061
DEK 5 GW 98	0522660098	DEK 5 GW 170	0522660170	DEK 5 GW P SMALL	0522861062
DEK 5 GW 99	0522660099	DEK 5 GW 171	0522660171	DEK 5 GW Q SMALL	0522861063
DEK 5 GW 100	0522660100	DEK 5 GW 172	0522660172	DEK 5 GW R SMALL	0522861064
DEK 5 GW 101	0522660101	DEK 5 GW 173	0522660173	DEK 5 GW S SMALL	0522861065
DEK 5 GW 102	0522660102	DEK 5 GW 174	0522660174	DEK 5 GW T SMALL	0522861066
DEK 5 GW 103	0522660103	DEK 5 GW 175	0522660175	DEK 5 GW U SMALL	0522861067
DEK 5 GW 104	0522660104	DEK 5 GW 176	0522660176	DEK 5 GW V SMALL	0522861068
DEK 5 GW 105	0522660105	DEK 5 GW 177	0522660177	DEK 5 GW W SMALL	0522861069
DEK 5 GW 106	0522660106	DEK 5 GW 178	0522660178	DEK 5 GW X SMALL	0522861070
DEK 5 GW 107	0522660107	DEK 5 GW 179	0522660179	DEK 5 GW Y SMALL	0522861071
DEK 5 GW 108	0522660108	DEK 5 GW 180	0522660180	DEK 5 GW Z SMALL	0522861072
DEK 5 GW 109	0522660109	DEK 5 GW 181	0522660181	DEK 5 FWZ 1-10	0523060001
DEK 5 GW 110	0522660110	DEK 5 GW 182	0522660182	DEK 5 FWZ 11-20	0523060011
DEK 5 GW 111	0522660111	DEK 5 GW 183	0522660183	DEK 5 FWZ 21-30	0523060021
DEK 5 GW 112	0522660112	DEK 5 GW 184	0522660184	DEK 5 FWZ 31-40	0523060031
DEK 5 GW 113	0522660113	DEK 5 GW 185	0522660185	DEK 5 FWZ 41-50	0523060041
DEK 5 GW 114	0522660114	DEK 5 GW 186	0522660186	DEK 5 FWZ 51-60	0523060051
DEK 5 GW 115	0522660115	DEK 5 GW 187	0522660187	DEK 5 FWZ 61-70	0523060061
DEK 5 GW 116	0522660116	DEK 5 GW 188	0522660188	DEK 5 FWZ 71-80	0523060071
DEK 5 GW 117	0522660117	DEK 5 GW 189	0522660189	DEK 5 FWZ 81-90	0523060081
DEK 5 GW 118	0522660118	DEK 5 GW 190	0522660190	DEK 5 FWZ 91-100	0523060091
DEK 5 GW 119	0522660119	DEK 5 GW 191	0522660191	DEK 5 GW PE	0537261187
DEK 5 GW 120	0522660120	DEK 5 GW 192	0522660192	DEK 5 GW PEN	0537261188
DEK 5 GW 121	0522660121	DEK 5 GW 193	0522660193	DEK 5 GW SL	0537261191
DEK 5 GW 122	0522660122	DEK 5 GW 194	0522660194	DEK 5 GW MP	0537261235
DEK 5 GW 123	0522660123	DEK 5 GW 195	0522660195	DEK 5 FWZ U,V,W,N,PE	0558360000
DEK 5 GW 124	0522660124	DEK 5 GW 196	0522660196	DEK 5 GW	0576261000
DEK 5 GW 125	0522660125	DEK 5 GW 197	0522660197	DEK 5 GW +	0576261198
DEK 5 GW 126	0522660126	DEK 5 GW 198	0522660198	DEK 5 GW -	0576261199
DEK 5 GW 127	0522660127	DEK 5 GW 199	0522660199	DEK 5 GW ⚡	0576261202
DEK 5 GW 128	0522660128	DEK 5 GW 200	0522660200	DEK 5 GW ⚡	0576261203
DEK 5 GW 129	0522660129	DEK 5 GW A	0522761021	DEK 5 GW W-CURRENT	0576261215
DEK 5 GW 130	0522660130	DEK 5 GW B	0522761022	DEK 5 GW RT/SW +	0576291737
DEK 5 GW 131	0522660131	DEK 5 GW C	0522761023	DEK 5 GW BL/SW -	0576291741
DEK 5 GW 132	0522660132	DEK 5 GW D	0522761024	DEK 5 FSZ 2.4,6...16	0582360002
DEK 5 GW 133	0522660133	DEK 5 GW E	0522761025	DEK 5 FSZ 18.20,...32	0582360018
DEK 5 GW 134	0522660134	DEK 5 GW F	0522761026	DEK 5 FW 1.3.5,...99	1358460000
DEK 5 GW 135	0522660135	DEK 5 GW G	0522761027	DEK 5 FW 2.4,...100	1358560000
DEK 5 GW 136	0522660136	DEK 5 GW H	0522761028	DEK 5 FWZ 1-9	1572000000
DEK 5 GW 137	0522660137	DEK 5 GW I	0522761029	DEK 5/3.5 MC NEUTRAL	1755270000
DEK 5 GW 138	0522660138	DEK 5 GW J	0522761030	DEK 5/3.5 MC GW 1	1755280001
DEK 5 GW 139	0522660139	DEK 5 GW K	0522761031	DEK 5/3.5 MC GW 2	1755280002
DEK 5 GW 140	0522660140	DEK 5 GW L	0522761032	DEK 5/3.5 MC GW 3	1755280003
DEK 5 GW 141	0522660141	DEK 5 GW M	0522761033	DEK 5/3.5 MC GW 4	1755280004
DEK 5 GW 142	0522660142	DEK 5 GW N	0522761034	DEK 5/3.5 MC GW 5	1755280005
DEK 5 GW 143	0522660143	DEK 5 GW O	0522761035	DEK 5/3.5 MC GW 6	1755280006
DEK 5 GW 144	0522660144	DEK 5 GW P	0522761036	DEK 5/3.5 MC GW 7	1755280007
DEK 5 GW 145	0522660145	DEK 5 GW Q	0522761037	DEK 5/3.5 MC GW 8	1755280008
DEK 5 GW 146	0522660146	DEK 5 GW R	0522761038	DEK 5/3.5 MC GW 9	1755280009
DEK 5 GW 147	0522660147	DEK 5 GW S	0522761039	DEK 5/3.5 MC GW 0	1755281000
DEK 5 GW 148	0522660148	DEK 5 GW T	0522761040	DEK 5/3.5 MC FS 1-10	1762320001
DEK 5 GW 149	0522660149	DEK 5 GW U	0522761041	DEK 5/3.5 MC FS 11-20	1762320011
DEK 5 GW 150	0522660150	DEK 5 GW V	0522761042	DEK 5/3.5 MC FS 21-30	1762320021
DEK 5 GW 151	0522660151	DEK 5 GW W	0522761043	DEK 5/3.5 MC FS 31-40	1762320031
DEK 5 GW 152	0522660152	DEK 5 GW X	0522761044	DEK 5/3.5 MC FS 41-50	1762320041
DEK 5 GW 153	0522660153	DEK 5 GW Y	0522761045	DEK 5/3.5 MC FS 51-60	1762320051
DEK 5 GW 154	0522660154	DEK 5 GW Z	0522761046	DEK 5/3.5 MC FS 61-70	1762320061
DEK 5 GW 155	0522660155	DEK 5 GW A SMALL	0522861047	DEK 5/3.5 MC FS 71-80	1762320071
DEK 5 GW 156	0522660156	DEK 5 GW B SMALL	0522861048	DEK 5/3.5 MC FS 81-90	1762320081
DEK 5 GW 157	0522660157	DEK 5 GW C SMALL	0522861049	DEK 5/3.5 MC FS 91-100	1762320091
DEK 5 GW 158	0522660158	DEK 5 GW D SMALL	0522861050	DEK 5/3.5 MC FS 101-110	1762320101
DEK 5 GW 159	0522660159	DEK 5 GW E SMALL	0522861051	DEK 5/3.5 MC FS 111-120	1762320111
DEK 5 GW 160	0522660160	DEK 5 GW F SMALL	0522861052	DEK 5/3.5 MC FS 121-130	1762320121
DEK 5 GW 161	0522660161	DEK 5 GW G SMALL	0522861053	DEK 5/3.5 MC FS 131-140	1762320131
DEK 5 GW 162	0522660162	DEK 5 GW H SMALL	0522861054	DEK 5/3.5 MC FS 141-150	1762320141
DEK 5 GW 163	0522660163	DEK 5 GW I SMALL	0522861055	DEK 5/3.5 MC printed	1767730000
DEK 5 GW 164	0522660164	DEK 5 GW J SMALL	0522861056	DEK 5/5 MC-10 NEUT. VAR	1609800000
DEK 5 GW 165	0522660165	DEK 5 GW K SMALL	0522861057	DEK 5/5 MC-10 NEUT. WS	1609801044
DEK 5 GW 166	0522660166	DEK 5 GW L SMALL	0522861058	DEK 5/5 MC-10 NEUT. RT	1609801686

DEK Variants

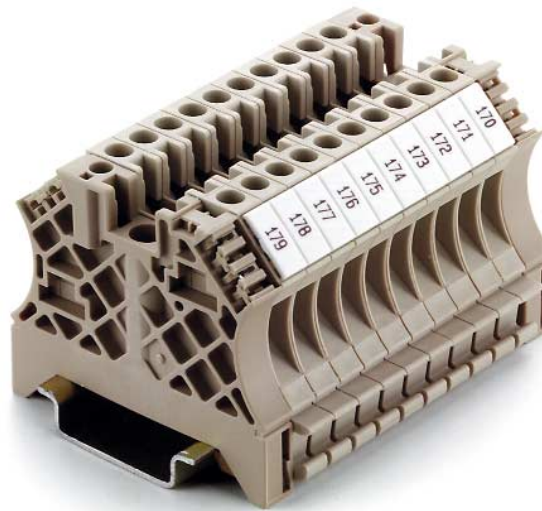
Type / Imprint	Cat. No.	Type / Imprint	Cat. No.	Type / Imprint	Cat. No.
DEK 5/5 MC-10 NEUT. GE	1609801687	DEK 6 FWZ 51-60	0518960051	DEK 6 GW 57	0526960057
DEK 5/5 MC-10 NEUT. GN	1609801688	DEK 6 FWZ 61-70	0518960061	DEK 6 GW 58	0526960058
DEK 5/5 MC-10 NEUT. GR	1609801691	DEK 6 FWZ 71-80	0518960071	DEK 6 GW 59	0526960059
DEK 5/5 MC-10 NEUT. BL	1609801693	DEK 6 FWZ 81-90	0518960081	DEK 6 GW 60	0526960060
DEK 5/5 MC PRINTED	1609810000	DEK 6 FWZ 91-100	0518960091	DEK 6 GW 61	0526960061
DEK 5/7.5 MC NEUTRAL	1720620000	DEK 6 FWZ 101-110	0518960101	DEK 6 GW 62	0526960062
DEK 5/6.5 MC NEUTRAL	1609840000	DEK 6 FWZ 111-120	0518960111	DEK 6 GW 63	0526960063
DEK 6 FSZ 1-10	0133360001	DEK 6 FWZ 121-130	0518960121	DEK 6 GW 64	0526960064
DEK 6 FSZ 11-20	0133360011	DEK 6 FWZ 131-140	0518960131	DEK 6 GW 65	0526960065
DEK 6 FSZ 21-30	0133360021	DEK 6 FWZ 141-150	0518960141	DEK 6 GW 66	0526960066
DEK 6 FSZ 31-40	0133360031	DEK 6 FWZ 151-160	0518960151	DEK 6 GW 67	0526960067
DEK 6 FSZ 41-50	0133360041	DEK 6 FWZ 161-170	0518960161	DEK 6 GW 68	0526960068
DEK 6 FSZ 51-60	0133360051	DEK 6 FWZ 171-180	0518960171	DEK 6 GW 69	0526960069
DEK 6 FSZ 61-70	0133360061	DEK 6 FWZ 181-190	0518960181	DEK 6 GW 70	0526960070
DEK 6 FSZ 71-80	0133360071	DEK 6 FWZ 191-200	0518960191	DEK 6 GW 71	0526960071
DEK 6 FSZ 81-90	0133360081	DEK 6 FWZ 201-210	0518960201	DEK 6 GW 72	0526960072
DEK 6 FSZ 91-100	0133360091	DEK 6 GW 1	0526960001	DEK 6 GW 73	0526960073
DEK 6 NEUTRAL	0468560000	DEK 6 GW 2	0526960002	DEK 6 GW 74	0526960074
DEK 6 RT NEUTRAL	0468591686	DEK 6 GW 3	0526960003	DEK 6 GW 75	0526960075
DEK 6 GE NEUTRAL	0468591687	DEK 6 GW 4	0526960004	DEK 6 GW 76	0526960076
DEK 6 GN NEUTRAL	0468591688	DEK 6 GW 5	0526960005	DEK 6 GW 77	0526960077
DEK 6 VI NEUTRAL	0468591689	DEK 6 GW 6	0526960006	DEK 6 GW 78	0526960078
DEK 6 OR NEUTRAL	0468591690	DEK 6 GW 7	0526960007	DEK 6 GW 79	0526960079
DEK 6 GR NEUTRAL	0468591691	DEK 6 GW 8	0526960008	DEK 6 GW 80	0526960080
DEK 6 BR NEUTRAL	0468591692	DEK 6 GW 9	0526960009	DEK 6 GW 81	0526960081
DEK 6 BL NEUTRAL	0468591693	DEK 6 GW 10	0526960010	DEK 6 GW 82	0526960082
DEK 6 SW NEUTRAL	0468591694	DEK 6 GW 11	0526960011	DEK 6 GW 83	0526960083
DEK 6 FW 1-50	0468660001	DEK 6 GW 12	0526960012	DEK 6 GW 84	0526960084
DEK 6 FW 51-100	0468660051	DEK 6 GW 13	0526960013	DEK 6 GW 85	0526960085
DEK 6 FW 101-150	0468660101	DEK 6 GW 14	0526960014	DEK 6 GW 86	0526960086
DEK 6 FW 151-200	0468660151	DEK 6 GW 15	0526960015	DEK 6 GW 87	0526960087
DEK 6 FW 201-250	0468660201	DEK 6 GW 16	0526960016	DEK 6 GW 88	0526960088
DEK 6 FW 251-300	0468660251	DEK 6 GW 17	0526960017	DEK 6 GW 89	0526960089
DEK 6 FW 301-350	0468660301	DEK 6 GW 18	0526960018	DEK 6 GW 90	0526960090
DEK 6 FW 351-400	0468660351	DEK 6 GW 19	0526960019	DEK 6 GW 91	0526960091
DEK 6 FW 401-450	0468660401	DEK 6 GW 20	0526960020	DEK 6 GW 92	0526960092
DEK 6 FW 451-500	0468660451	DEK 6 GW 21	0526960021	DEK 6 GW 93	0526960093
DEK 6 FW 501-550	0468660501	DEK 6 GW 22	0526960022	DEK 6 GW 94	0526960094
DEK 6 FW 551-600	0468660551	DEK 6 GW 23	0526960023	DEK 6 GW 95	0526960095
DEK 6 FW 601-650	0468660601	DEK 6 GW 24	0526960024	DEK 6 GW 96	0526960096
DEK 6 FW 651-700	0468660651	DEK 6 GW 25	0526960025	DEK 6 GW 97	0526960097
DEK 6 FW 701-750	0468660701	DEK 6 GW 26	0526960026	DEK 6 GW 98	0526960098
DEK 6 FW 751-800	0468660751	DEK 6 GW 27	0526960027	DEK 6 GW 99	0526960099
DEK 6 FW 801-850	0468660801	DEK 6 GW 28	0526960028	DEK 6 GW 100	0526960100
DEK 6 FW 851-900	0468660851	DEK 6 GW 29	0526960029	DEK 6 GW 200	0526960200
DEK 6 FW 901-950	0468660901	DEK 6 GW 30	0526960030	DEK 5/6 MC NEUTRAL	1609820000
DEK 6 FW 951-999	0468660951	DEK 6 GW 31	0526960031	DEK 5/6 MC PRINTED	1609830000
DEK 6 FS 1-50	0468760001	DEK 6 GW 32	0526960032	DEK 6 FW 1.3.5...99	1358660000
DEK 6 FS 51-100	0468760051	DEK 6 GW 33	0526960033	DEK 6 FW 2.4,...100	1358760000
DEK 6 FS 101-150	0468760101	DEK 6 GW 34	0526960034	DEK 6 FWZ R,S,T,N,⊥	0631860000
DEK 6 FS 151-200	0468760151	DEK 6 GW 35	0526960035	DEK 6 FWZ L1-PE	0631961187
DEK 6 FS 201-250	0468760201	DEK 6 GW 36	0526960036	DEK 6 FWZ L1-⊕	0631961203
DEK 6 FS 251-300	0468760251	DEK 6 GW 37	0526960037	DEK 6 GW PE	1318061187
DEK 6 FS 301-350	0468760301	DEK 6 GW 38	0526960038	DEK 6 GW +	1318061198
DEK 6 FS 351-400	0468760351	DEK 6 GW 39	0526960039	DEK 6 GW -	1318061199
DEK 6 FS 401-450	0468760401	DEK 6 GW 40	0526960040	DEK 6 GW ⊥	1318061202
DEK 6 FS 451-500	0468760451	DEK 6 GW 41	0526960041	DEK 6 GW ⊕	1318061203
DEK 6 FS 501-550	0468760501	DEK 6 GW 42	0526960042	DEK 6 GW W-CURRENT	1318061215
DEK 6 FS 551-600	0468760551	DEK 6 GW 43	0526960043	DEK 6 GW RT/SW +	1318091737
DEK 6 FS 601-650	0468760601	DEK 6 GW 44	0526960044	DEK 6 GW BL/SW -	1318091741
DEK 6 FS 651-700	0468760651	DEK 6 GW 45	0526960045	DEK 6 FW L,N,PE	0632560000
DEK 6 FS 701-750	0468760701	DEK 6 GW 46	0526960046	DEK 6 FW 1-5 (10X)	0688660000
DEK 6 FS 751-800	0468760751	DEK 6 GW 47	0526960047	DEK 6.5 FSZ 1-10	0407360001
DEK 6 FS 801-850	0468760801	DEK 6 GW 48	0526960048	DEK 6.5 FSZ 11-20	0407360011
DEK 6 FS 851-900	0468760851	DEK 6 GW 49	0526960049	DEK 6.5 FSZ 21-30	0407360021
DEK 6 FS 901-950	0468760901	DEK 6 GW 50	0526960050	DEK 6.5 FSZ 31-40	0407360031
DEK 6 FS 951-999	0468760951	DEK 6 GW 51	0526960051	DEK 6.5 FSZ 41-50	0407360041
DEK 6 FWZ 1-10	0518960001	DEK 6 GW 52	0526960052	DEK 6.5 FSZ 51-60	0407360051
DEK 6 FWZ 11-20	0518960011	DEK 6 GW 53	0526960053	DEK 6.5 FSZ 61-70	0407360061
DEK 6 FWZ 21-30	0518960021	DEK 6 GW 54	0526960054	DEK 6.5 FSZ 71-80	0407360071
DEK 6 FWZ 31-40	0518960031	DEK 6 GW 55	0526960055	DEK 6.5 FSZ 81-90	0407360081
DEK 6 FWZ 41-50	0518960041	DEK 6 GW 56	0526960056	DEK 6.5 FSZ 91-100	0407360091

DEK Variants

Type / Imprint	Cat. No.	Type / Imprint	Cat. No.
DEK 6.5 NEUTRAL	0468060000	DEK 8 FWZ 31-40	1276960031
DEK 6.5 RT NEUTRAL	0468091686	DEK 8 FWZ 41-50	1276960041
DEK 6.5 GE NEUTRAL	0468091687	DEK 8 FWZ 51-60	1276960051
DEK 6.5 GN NEUTRAL	0468091688	DEK 8 FWZ 61-70	1276960061
DEK 6.5 VI NEUTRAL	0468091689	DEK 8 FWZ 71-80	1276960071
DEK 6.5 OR NEUTRAL	0468091690	DEK 8 FWZ 81-90	1276960081
DEK 6.5 BL NEUTRAL	0468091693	DEK 8 FWZ 91-100	1276960091
DEK 6.5 SW NEUTRAL	0468091694	DEK 8 FWZ 101-110	1276960101
DEK 6.5 FW 1-50	0468160001	DEK 8 FWZ 111-120	1276960111
DEK 6.5 FW 51-100	0468160051	DEK 8 FWZ 121-130	1276960121
DEK 6.5 FW 101-150	0468160101	DEK 8 FWZ 131-140	1276960131
DEK 6.5 FW 151-200	0468160151	DEK 8 FWZ 141-150	1276960141
DEK 6.5 FW 201-250	0468160201	DEK 8 NEUTRAL	1277060000
DEK 6.5 FW 251-300	0468160251	DEK 8 RT NEUTRAL	1277091686
DEK 6.5 FW 301-350	0468160301	DEK 8 GE NEUTRAL	1277091687
DEK 6.5 FW 351-400	0468160351	DEK 8 GN NEUTRAL	1277091688
DEK 6.5 FW 401-450	0468160401	DEK 8 VI NEUTRAL	1277091689
DEK 6.5 FW 451-500	0468160451	DEK 8 OR NEUTRAL	1277091690
DEK 6.5 FW 501-550	0468160501	DEK 8 FSZ 1-10	1289660001
DEK 6.5 FW 551-600	0468160551	DEK 8 FSZ 11-20	1289660011
DEK 6.5 FW 601-650	0468160601	DEK 8 FSZ 21-30	1289660021
DEK 6.5 FW 651-700	0468160651	DEK 8 FSZ 31-40	1289660031
DEK 6.5 FW 701-750	0468160701	DEK 8 FSZ 41-50	1289660041
DEK 6.5 FW 751-800	0468160751	DEK 8 FSZ 51-60	1289660051
DEK 6.5 FW 801-850	0468160801	DEK 8 FSZ 61-70	1289660061
DEK 6.5 FW 851-900	0468160851	DEK 8 FSZ 71-80	1289660071
DEK 6.5 FW 901-950	0468160901	DEK 8 FSZ 81-90	1289660081
DEK 6.5 FW 951-999	0468160951	DEK 8 FSZ 91-100	1289660091
DEK 6.5 FS 1-50	0468260001	DEK 8 PRINTED/COLOURED	1289690000
DEK 6.5 FS 51-100	0468260051	DEK 8 SPECIAL PRINT WHITE	1326660000
DEK 6.5 FS 101-150	0468260101	DEK 8 SPECIAL PRINT COLOURED	1326690000
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 TAMPOPR.	1653340051		
DEK 8 FS 1-50 TAMPOPR.	1653350001		
DEK 8 FS 51-100 TAMPOPR.	1653350051		
DEK 8 FW 1-50 TAMPOPR.	1653340001		
DEK 8 FW 51-100 TAMPOPR.	1653340051		
DEK 8 FS 1-50 TAMPOPR.	1653350001		
DEK 8 FS 51-100 TAMPOPR.	1653350051		
DEK 8 FWZ 1-10	1276960001		
DEK 8 FWZ 11-20	1276960011		
DEK 8 FWZ 21-30	1276960021		

Terminal markers

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 (vertical) 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 address: 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**.

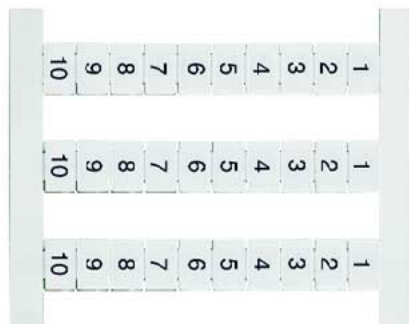
Terminal markers

MultiCard

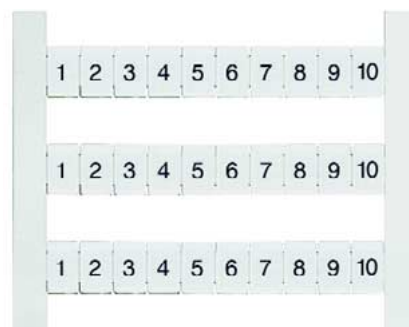


WS (MultiCard)

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			
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
WS 12/6 MC	1609910000		120
WS 12/6.5 MC	1609930000		108
MC=MultiCard			

Card

Terminal width ≥ 5 mm		
Type	Cat. No.	Qty.
WS 8...15/5		
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		
WS 10/6.5	1568920000	200
WS 10/3.5	1670290000	

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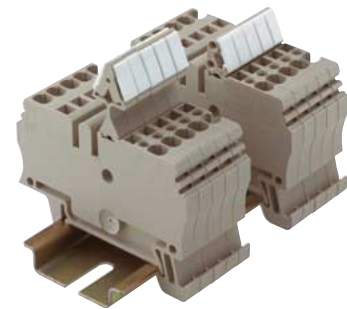
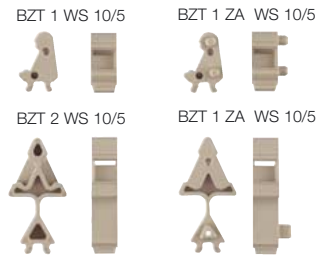
ZS-labels in MultiCard are particularly suitable for compact Z-terminals due to their folding hinge mechanism. The label can be raised, for example to access the cross-connection. Depending on the label length, printing of 6 – 9 characters in normal script is possible.

- 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 centred³⁾
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

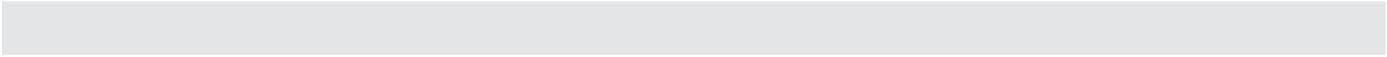
Ordering data

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



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®

- 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

Technical data	
Length	190 mm
Weight	155 g

Ordering data	
Type	Cat. No.
stripax®	9005000000

Accessories	
Blade set stripax®	9054030000
Cleaning brush stripax®	9005450000

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® 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

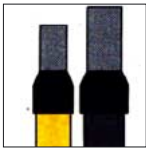
Technical data	
Length	190 mm
Weight	155 g

Ordering data	
Type	Cat. No.
stripax® 16	9005610000

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

Crimping tools

Crimping tools for ferrules



Crimping tool for ferrules from 25, 35 and 50 mm² with and without plastic collars according to DIN 46228 parts 1 and 4 (~ AWG 3 ... 1)

- VG 95236 T 14 B 002)

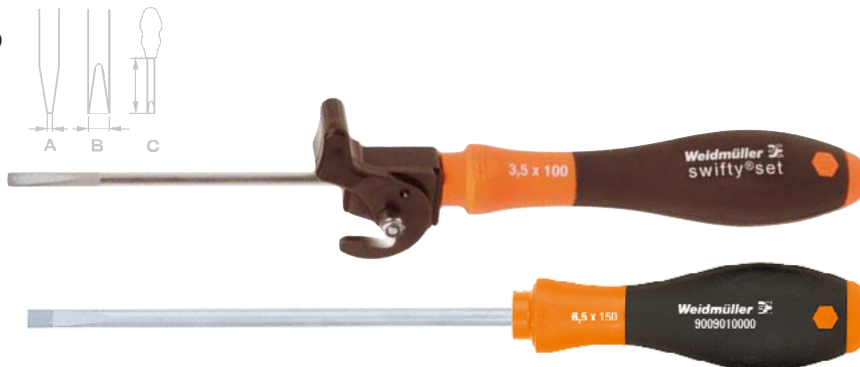
Length	260 mm
Weight	700 g

Type	Cat. No.
PZ 50	9006450000

[illegible]

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				
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 5264A

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 Screwdriver	9008470000	0	60
SDK PH Screwdriver	9008480000	1	80
SDK PH Screwdriver	9008490000	2	100
SDK PH Screwdriver	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

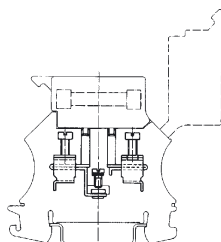
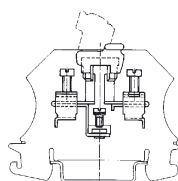
WAW 1



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



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

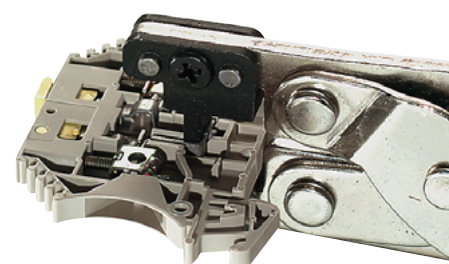


The cross-connection link is screwed directly onto the busbar. For this, the cut-out is removed, the fixing screw inserted and the terminal snapped on the rail. The cross-connection link is pushed in laterally. Then the screws are tightened. The side window of the last terminal must not be broken out.

WAW 2



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



Type	Cat. No.
WAW 1	9004500000

Type	Cat. No.
WAW 2	9004510000

Clamping 2 conductors

Additional accessories

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.

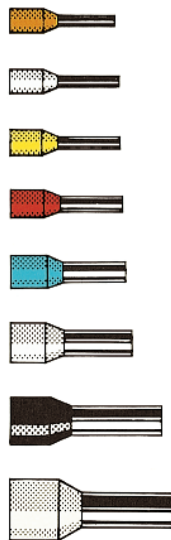
VDE 0611 Part 1/8.92 (IEC 60 947-7-1: 1989) Section 4.3.5 specifies: "The conductor could be rigid (solid or stranded) or flexible. The manufacturer of the terminals shall state the types and the maximum and minimum cross-sections of conductors that can be connected and if applicable, the number of conductors 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 mm ² 0.5...1.5		0.5...1.0	0.5
WDU 4			
Insul. stripping l. (mm) 10		10	10
Conductor ø mm ² 0.5...1.5		0.5...1.5	0.5
WDU 6			
Insul. stripping l. (mm) 12		12	12
Conductor ø mm ² 0.5...2.5		0.5...2.5	0.5...1.0
WDU 10			
Insul. stripping l. (mm) 12		12	12
Conductor ø mm ² 1.0...4.0		1.0...4.0	1.0...1.5
WDU 16			
Insul. stripping l. (mm) 16		16	16
Conductor ø mm ² 1.5...4.0		1.5...4.0	1.5...4.0
WDU 35			
Insul. stripping l. (mm) 18		18	18
Conductor ø mm ² 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 mm ²	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			WDU 2.5 Cat. No.	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35
Cross-section in mm ²	Type		ZDU 2.5					
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				●	●	●

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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