

Overview

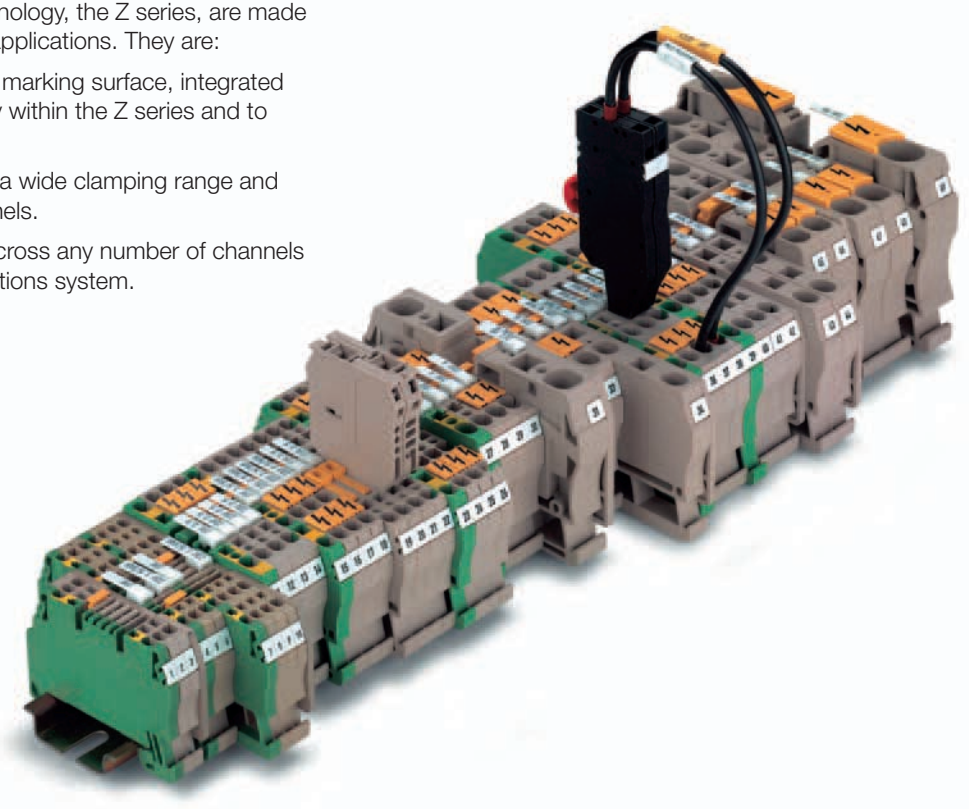
Tension clamp connection

Terminals with tension clamp technology, the Z series, are made to suit a wide range of customer applications. They are:

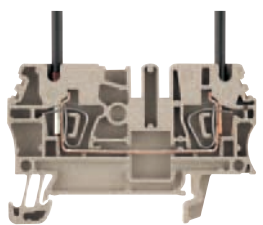
Small structural dimensions, large marking surface, integrated test point, cross-connection ability within the Z series and to other Weidmüller terminal families.

The terminals in the Z series have a wide clamping range and up to two cross-connection channels.

The potential can be distributed across any number of channels using the pluggable cross-connections system.

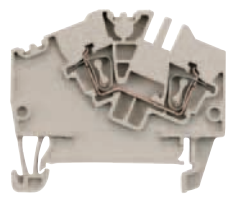


Design



Z-standard

- Conductor cross-sectional areas ranging from 0.08 to 35 mm²
- Top-entry conductor entry parallel to screwdriver actuation



Z roof

- Conductor cross-sectional areas ranging from 0.13 to 16 mm²
- Up to 36% reduction in length
- Slanting actuation direction

Product overview

Rated cross-section	1.5 mm ²		2.5 mm ²		4 mm ²		6 mm ²		10 mm ²		16 mm ²		35 mm ²	
	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof
Feed-through terminals														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
2 x 2 connections	•		•											
Protective earth terminals														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
Fuse terminal			•	•				•						
Measuring and isolating terminal			•	•			•							
Supply terminal							•				•	•		
Neutral conductor terminal				•	•	•	•	•	•	•	•	•	•	•
Double level terminal	•		•	•	•	•	•	•						
3-core distribution terminals				•										
Pluggable terminals				•										
Miniature block terminals				•										
Initiator/actuator terminals				•										
Terminals with electronic components			•	•										

The connection

In accordance with Weidmüller's contact principle, the tension clamp system also separates electrical and mechanical functions.

- Steel tension clamp provides optimum contact force
- Copper busbars for low-voltage loss



Pluggable cross-connections

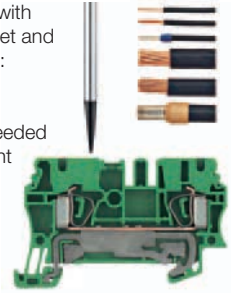
- 2- to 10-pole or "continuous" for individual assembly
- Full rated current
- Poles can be broken out in order to bypass terminals



Simple to use

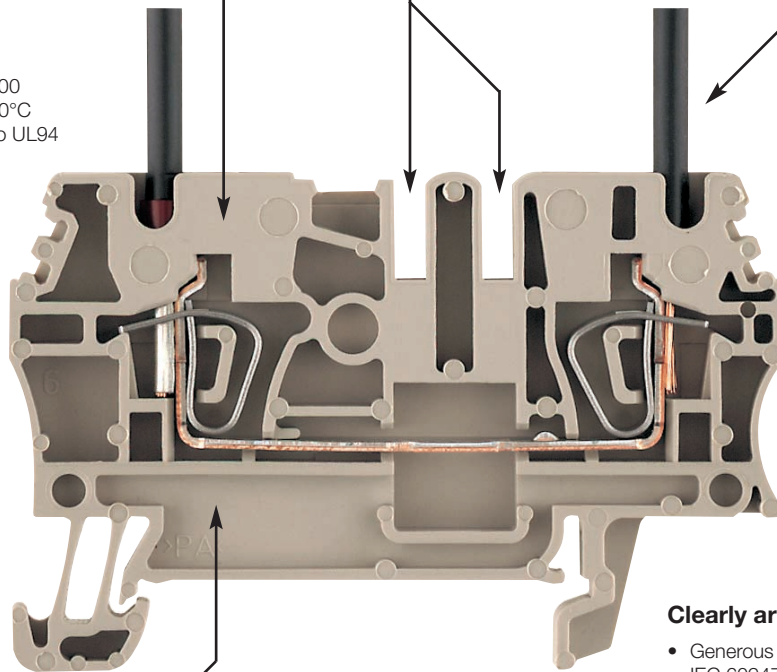
Practical connection with parallel conductor inset and screwdriver actuation:

- TOP connection technology
- No special tools needed
- Integrated test point



Wemid insulation

- Resistant to creepage CTI 600
- Temperature range up to 120°C
- Flammability class V0 acc. to UL94
- Contains no halogen or phosphorous



Clearly arranged for greater safety

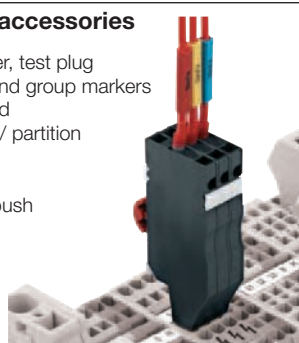
- Generous clamping space acc. to IEC 60947-1 for easy handling
- Can be used for connecting conductors from 0.08 to 35 mm²
- One conductor can be clamped in each terminal point acc. to IEC 60999

Safe contacts

- Maintenance-free connection for lifelong safe contact
- Gas-proof contact area
- Surface-treated busbar for protection from oxidation
- 100% vibration proof
- High contact force

Extensive accessories

- Test adapter, test plug
- Standard and group markers can be used
- End plates / partition plates
- Covers
- Reducing bush



Standards

The high contact safety and reliability of Weidmüller's systems is verified by:

- Type testing to IEC 60947-7-1/-2/-3 standards
- Supplementary Weidmüller tests
- National and international approvals
- ATEX approval



Feed-through terminals

Roof-Style

Tension clamp terminal solutions for rated conductors 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data


Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

Information

Ordering data

Version	
dark beige Wemid	
blue Wemid	
Information	

Accessories

Cross-connection, pluggable	
 (ZQV)	
	2-pole
	3-pole
	4-pole
	10-pole
	30-/41-/50-pole


End plate / partition	
	dark beige Wemid
	blue Wemid

End bracket	
	dark beige Wemid

Test adapter	
for testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
	w. cutting device "swifty set"
	Standard version

Reducing sleeves	
	for conductors < 0.5mm / AWG 20
	for conductors < 1.0mm / AWG 18

Cover	
	With elec. shock warn. symbol neutral

Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

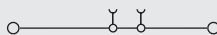
ZDU 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	24	23	
2.5	AWG 26 ...12	AWG 26...14	
			8 / 3
			A2 / V-0



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
	10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

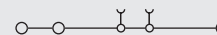
ZDU 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

EEx e II  T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	23	21
2.5	AWG 26 ...12	AWG 26...14	2.5
			8 / 3
			A2 / V-0



KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	
	10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000
Information		
The rated voltage is reduced to 250V when using the cross connection.		

Type	Qty.	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000
Information		
The rated voltage is reduced to 250V when using the cross connection.		

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

		Width [mm]	
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000

		Width [mm]	
ZEW	6	20	9540000000

ZTA 4	25	1688110000
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SD 0,6X3,5X100	10	9008330000
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ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZAD 1/4-2 GE	20	1764560000
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DEK 5 / WS 14/5

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

		Width [mm]	
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000

		Width [mm]	
ZEW	6	20	9540000000

ZTA 4	25	1688110000
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SD 0,6X3,5X100	10	9008330000
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ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

ZAD 1/4-2 GE	20	1764560000
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DEK 5 / WS 14/5

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Feed-through terminals

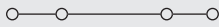
ZDU 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
24	20	23	21
2.5	AWG 26 ...12	AWG 26...14	2.5
8 / 3			
A2 / V-0			



KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

ZDK 2.5-2

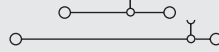
2.5 mm²

2-tier terminal



n

5.1 x 72.5 x 55.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	20	25	
2.5	AWG 26 ...12	AWG 26...12	
8 / 3			
A2 / V-0			



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

ZDK 2.5-2V

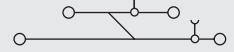
2.5 mm²

Vertically cross-connected 2-tier terminal



n

5.1 x 72.5 x 55.5
/ 2.5
0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	20	20	
2.5	AWG 26 ...12	AWG 26...12	
8 / 3			
A2 / V-0			



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...2.5	

10 / 3.5 x 0.6

2,5 mm² flexible conductor will be crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm² solid and flexible.

Type	Qty.	Order No.
ZDK 2.5-2	50	1790990000
ZDK 2.5-2 BL	50	1791000000

The rated voltage is reduced to 250V when using the cross connection.

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000

The rated voltage is reduced to 250V when using the cross connection.

Type	Current [A]	Qty.	Order No.
ZQB 2.5-2	24	50	1677120000
Width [mm]			
ZAP/TW7	2.5	50	1706110000
ZAP/TW7 BL	2.5	50	1706120000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
ZTA 4		25	1688110000
SD 0,6X3,5X100		10	9008330000
ZRH 1.5H/1		100	1678810000
ZRH 1.5H/2		100	1678800000
ZAD 1/4-2 GE		20	1764560000
Width [mm]			
DEK 5 / WS 14/5			

By using the screen plug LS 2.8 (1056400000) the rated voltage is reduced to 250V.

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
ZTA 4		25	1688110000
SD 0,6X3,5X100		10	9008330000
ZRH 1.5H/1		100	1678810000
ZRH 1.5H/2		100	1678800000
ZAD 1/4-2 GE		20	1764560000
Width [mm]			
DEK 5 / WS 10/5			

Max. current 22A

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Width [mm]			
ZAP/TW ZDK2.5-2	2	20	1791050000
ZAP/TW ZDK2.5-2 BL	2	20	1791060000
Width [mm]			
ZEW	6	20	9540000000
Width [mm]			
ZTA 4		25	1688110000
SD 0,6X3,5X100		10	9008330000
ZRH 1.5H/1		100	1678810000
ZRH 1.5H/2		100	1678800000
ZAD 1/4-2 GE		20	1764560000
Width [mm]			
DEK 5 / WS 10/5			

Max. current 22A

PE terminals

Roof-Style

The compact terminal family for conductor cross-section of 0.13 to 16 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage for adjacent terminal	V
Rated impulse voltage for adjacent terminal	kV
Short-time current resistant	A
Pollution severity	
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information

Ordering data

Version
green/yellow Wernid

Information

Accessories

End plate
dark beige Wernid

End bracket
dark beige / beige

Test adapter	
For testing of wired terminal strips	Standard version
	With spigot

Screwdriver	
w. cutting device "swifty set"	
	Standard version

Reducing sleeves
for conductors < 0.5 mm ² / < AWG 20
for conductors < 1.0 mm ² / < AWG 18

PEN-bridge
Insertable in distributor TN-S net between N- and PE-terminal

Marking systems (see large assortment in chapter M)
Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPE 2.5-2

2.5 mm²

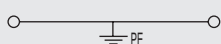
Two connections



5.1 x 50.5 x 44

/ 2.5

0.13 ... 2.5



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	
		800	
		8	
		3	
	A2 / V-0		



Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

ZPE 2.5-2/3AN

2.5 mm²

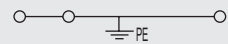
Three connections



5.1 x 50.5 x 44

/ 2.5

0.13 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	2.5
		800	
		8	
		3	
	A2 / V-0		



KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
10 / 0.6 x 3.5	

Flexible conductor 2,5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 2.5-2	100	1772090000

Information

Type	Qty.	Order No.
ZPE 2.5-2/3AN	100	1706090000

Information

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Width [mm]	Qty.	Order No.	
ZEW	6	20	954000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

Type	Qty.	Order No.

Type	Qty.	Order No.
DEK 5 / WS 14/5		

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Width [mm]	Qty.	Order No.	
ZEW	6	20	954000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000
ZRH 1.5H/2	100	1678800000

Type	Qty.	Order No.

Type	Qty.	Order No.
DEK 5 / WS 14/5		

PE terminals

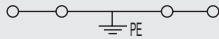
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

EEx e II T II 2 G D

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...14	2.5
		800	
		8	
		3	
	A2 / V-0		

KEMA 97ATEX4677 U

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZPE 2.5-2/4AN	100	1706100000

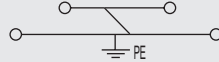
ZDK 2.5-2 PE

2.5 mm²

Four connections



5.1 x 72.5 x 56
/ 2.5
0.13 ... 2.5



IEC 60947-7-2

IEC	UL	CSA	EN 50019
2.5	AWG 26 ...12	AWG 26...12	
		800	
		8	
		3	
	A2 / V-0		

Rated connection	Additional connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² is crimped with the Weidmüller-crimping tool PZ 6/5.

Type	Qty.	Order No.
ZDK 2.5-2PE	50	1791010000

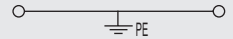
ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 46
/ 6
0.13 ... 6



IEC 60947-7-2

IEC	UL	CSA	EN 50019
4	AWG 26 ...10	AWG 26...10	
		800	
		8	
		3	
	A3 / V-0		

Rated connection	Additional connection
0.5...6	
0.5...4 / 0.5...4	

10 / 0.6 x 3.5

Type	Qty.	Order No.
ZPE 4-2/2AN	100	1770380000

Type	Width [mm]	Qty.	Order No.
ZAP/TW7	2.5	50	1706110000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000

Type	Qty.	Order No.
ZRH 1.5H/2	100	1678800000

DEK 5 / WS 10/5

Type	Width [mm]	Qty.	Order No.
ZAP/TW ZDK2.5-2	2	20	1791050000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 4	25	1688110000

Type	Qty.	Order No.
SD 0,5X3,0X80	10	9008320000

Type	Qty.	Order No.
ZRH 1.5H/1	100	1678810000

Type	Qty.	Order No.
ZRH 1.5H/2	100	1678800000

DEK 5 / WS 10/5

Type	Width [mm]	Qty.	Order No.
ZAP ZDU4-2	2	50	1770400000

Type	Width [mm]	Qty.	Order No.
ZEW	6	20	9540000000

Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000

Type	Qty.	Order No.
SD 0,6X3,5X100	10	9008330000

DEK 6 / WS 12/6

Fuse terminals

Standard model

Tension clamp terminal solutions for rated conductors 0.08 to 35 mm².

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage for adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

Information


Ordering data

Version	
dark beige Wemid	400V ac/dc, without LED
	10-36V ac/dc, with LED
	30-70V ac/dc, with LED
	60-150V ac/dc, with LED
	140-250V ac/dc, with LED

Information

Accessories

Cross-connection (pluggable)

	2-pole
	3-pole
	4-pole
	10-pole

(ZQV 2.5N/4)

End plate / partition (behind last terminal)

End plate, dark beige Wemid
Partition, dark beige Wemid

Screwdriver

	w. cutting device "swifty set"
	Standard version

G-fuse cartridge 5 x 20mm (IEC 60127-2)

Rated voltage 250V	0.25A quick
Rated switch-off capacity 1500A	0.5A quick
(at 250V / 50Hz / cos j = 0.7)	1A quick
	2A quick

G25 with indicator / Inch fuse

G25 (DIN 41 576 / 250V)	0.5A medium-slow
Rated voltage 250V	1A medium-slow
Inch fuse 1/4 x 1 1/4	2A quick
Rated voltage 440V	4A quick

Marking systems (see large assortment in chapter M)

Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZSI 2.5

2.5 mm²

For metric fuses 5 x 20



7.9 x 79.5 x 74

/ 4

0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	600	600	
6.3	10	15	
2.5	AWG 26 ...12	AWG 26...12	
	6 / 3		
	A3 / V-0		



Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/6.

Type	Qty.	Order No.
ZSI 2.5	50	1616400000
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width [mm]

ZAP/TW 3	2	50	1608800000
----------	---	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

G 20/0.25A/F	10	0430500000
--------------	----	------------

G 20/0.5A/F	10	0430600000
-------------	----	------------

G 20/1A/F	10	0430700000
-----------	----	------------

G 20/2A/F	10	0430900000
-----------	----	------------

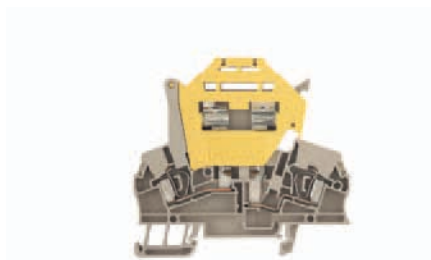
DEK 5 / WS 10/5

Status indication via bidirectional LED.

ZSI 2.5/5x25

2.5 mm²

For metric fuses 5 x 25



7.9 x 79.5 x 74

/ 4

0.13 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500			
6.3			
2.5			
	6 / 3		
	A3 / V-0		

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/6.

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
ZSI 2.5/5X25/QV	50	1790540000

For fuse cartridge holder the rated voltage is 250V, and the rated impulse voltage 4kV.

Type	Current [A]	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width [mm]

ZAP/TW 3	2	50	1608800000
----------	---	----	------------

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

G 25/0.5A/M WS	10	0510300000
----------------	----	------------

G 25/1A/M RT	10	0265800000
--------------	----	------------

G 25/2A/F BL	10	0192700000
--------------	----	------------

G 25/4A/F BR	10	0192800000
--------------	----	------------

DEK 5 / WS 10/5

Modular distribution assembly system

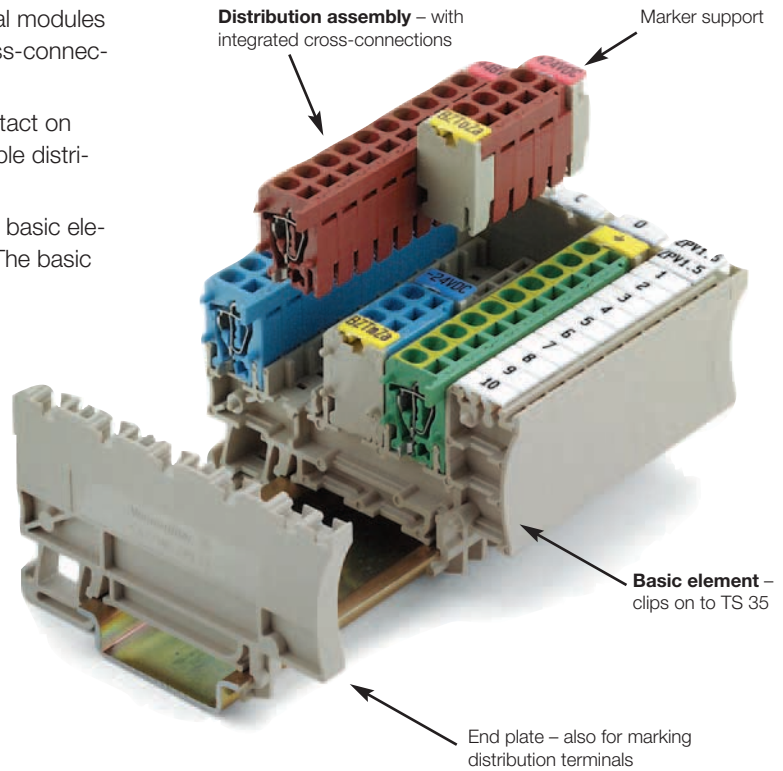
System for potential distribution

This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

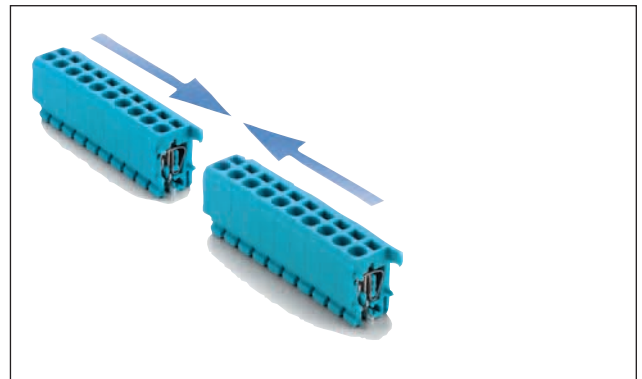
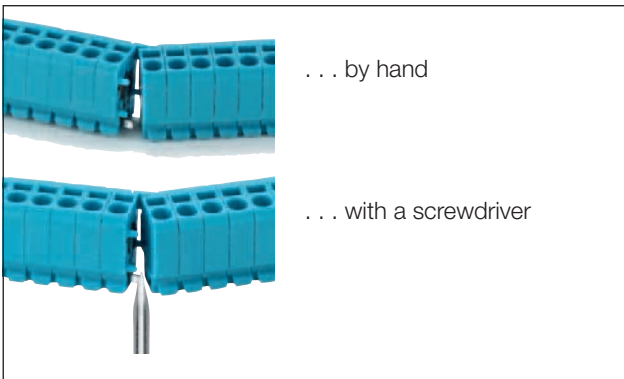
The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in various different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actors as 3- or 4-core connection

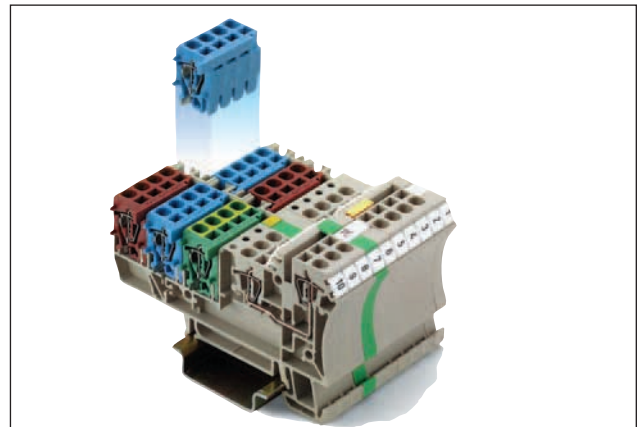
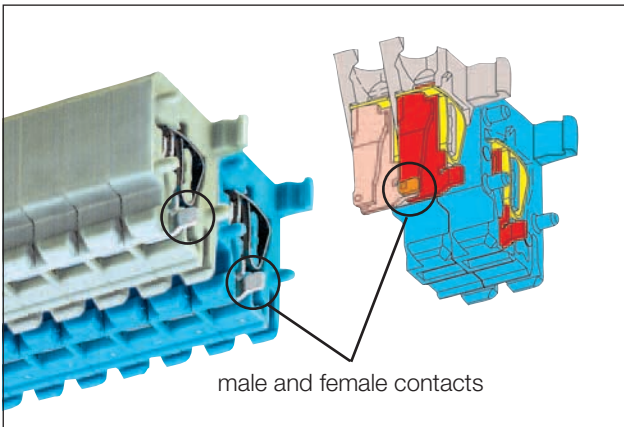


ZPV 1.5 – for easy assembly of variable pole numbers

- Easily separated
- Easily plugged into each other



- Integrated cross-connection
- Clips onto the basic elements by hand



Modular distribution assembly system

Supplying initiators and actuators

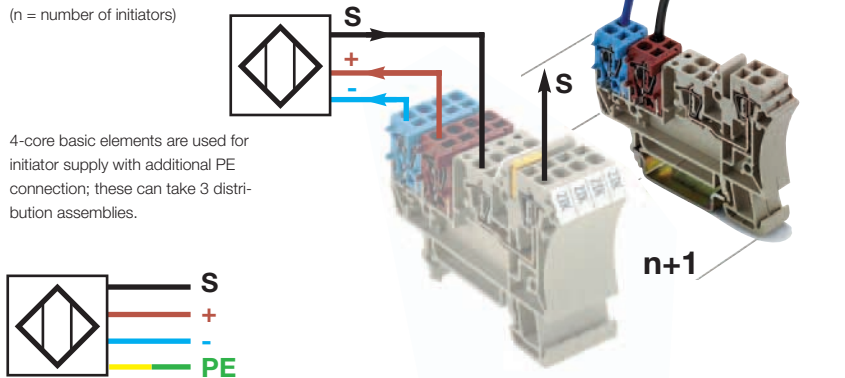
The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution assembly.

The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.

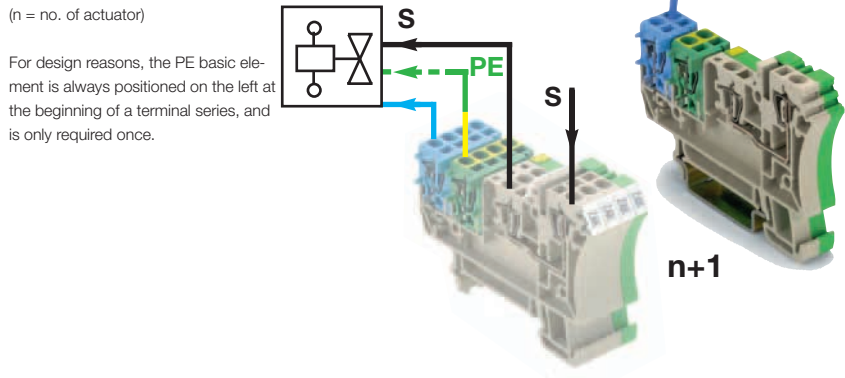
Initiator supply

via 1 additional standard basic element
 => n + 1 basic element
 => n + 1 distribution assembly element for each circuit path
 (n = number of initiators)



Actuator supply

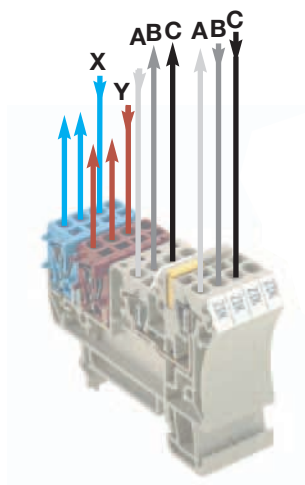
via 1 additional standard basic element
 => n + 1 basic element
 => n + 1 distribution assembly element for each circuit path
 (n = no. of actuator)



Or:

Combined feed-through terminal (A, B, C) and potential distribution terminal (X, Y)

Distribution assembly elements without male and female contacts and cross-connections for the feed-through terminal part make possible a great many different wiring solutions.



Initiator and actuator terminals

Initiator and actuator terminals

The modular distribution strip system

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height w. TS35x7.5	mm
Max. current / max. cond. cross-section	
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
LED-Voltage / LED-current / switching state	V / A / -
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Stripping length / blade size	mm / -

Information

Ordering data

Base terminal	
	Base terminal
	PE-base terminal

Modular distribution strip	
	ZIK-ZAK distribution strip ZVL 1.5 dark beige
Wemid	brown wemid
	blue Wemid
	green/yellow Wemid
(without pin/without socket)	dark beige Wemid

Information

Accessories

Cross-connection, pluggable	
Only for signal-level of base-terminal	2-pole
	3-pole
	4-pole
ZQV 2.5/2	10-pole
	50-pole

End plate / partition	
	dark beige Wemid

Screwdriver	
	Standard version

Reducing sleeves	
	for conductors < 0.5 mm ² / < AWG 20
	for conductors < 1.0 mm ² / < AWG 18

Tag mount for modular distribution strip	
	without spigot
	With spigot

Marking systems (see large assortment in chapter M)	
	Tags

For detailed information on additional accessories and usage instructions see chapter accessories.

ZPV 1.5

1.5 mm²

Base element



6.7 x 67.8 x 38

IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
		4 / 3	
		/ V-0	



Rated connection

ZIA 1.5/3 L...

1.5 mm²

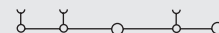
Base element 3-wire



5.08 x 68.5 x 46

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
		4 / 3	
		A1 / V-0	

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
8 / 3.5 x 0.6

Bidirectional LED in ZIA 1.5/3L-1/LD (1651990000)

Type	Qty.	Order No.
ZPV 1.5	100	1676630000

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Qty.	Order No.
ZIA 1.5/3L-1S	100	1651980000
ZIA 1.5/3L-1S/LD	50	1651990000
ZIA 1.5/3L-PE	20	1652000000

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.

Width [mm]			
ZAP/TW ZPV1.5	5.08	50	1674650000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Width [mm]			
ZAP/TWZIA 1.5/3L	5.08		1649540000

SD 0,6X3,5X100	10	9008330000
----------------	----	------------

ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000

DEK 5 / WS 12/5

DEK 5

Initiator and actuator terminals

ZIA 1.5/4 L...

1.5 mm²

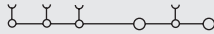
Base element 4-wire



5.08 x 68.5 x 46

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
	4 / 3		
	A1 / V-0		

Rated connection

0.5...2.5

0.5...2.5 / 0.5...2.5

8 / 3.5 x 0.6

Bidirectional LED in ZIA 1.5/4L-1/LD (1652020000)

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Width [mm]			
ZAP/TWZIA1.5/4L	5.08		1649550000

SD 0,6X3,5X100	10	9008330000
ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000

DEK 5

ZVL 1.5

1.5 mm²

Distribution strip



5.08 x 12.9 x 17.45

/ 2.5

0.13 ... 2.5



IEC 60947-7-1

IEC	UL	CSA	EN 50019
250	300	300	
17.5	10	10	
1.5	AWG 26 ...14	AWG 26...14	
	4 / 3		
	A2 / V-0		

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

7 / 3.5 x 0.6

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000

Type	Current [A]	Qty.	Order No.
SD 0,6X3,5X100		10	9008330000
ZRH 1.5N/1		100	1632140000
ZRH 1.5N/2		100	1632130000
Width [mm]			
BZT ZVL1.5/O.ZA			1676620000
BZT ZVL1.5			1676610000

SD 0,6X3,5X100	10	9008330000
ZRH 1.5N/1	100	1632140000
ZRH 1.5N/2	100	1632130000

BZT ZVL1.5/O.ZA	1676620000
BZT ZVL1.5	1676610000

DEK 5

Integrated cross-connections

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

Accessories

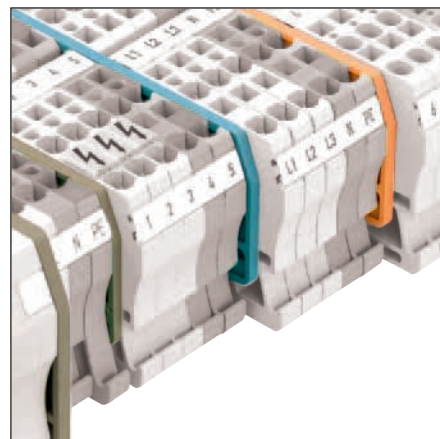
Extra functions

Weidmüller offers the user of Z series terminals a comprehensive range of accessories, providing optimal solutions whatever the problem, and even going over and above standard functions.

The accessories are subject to the same quality demands as the actual terminals.

Visual separation

Page C.98

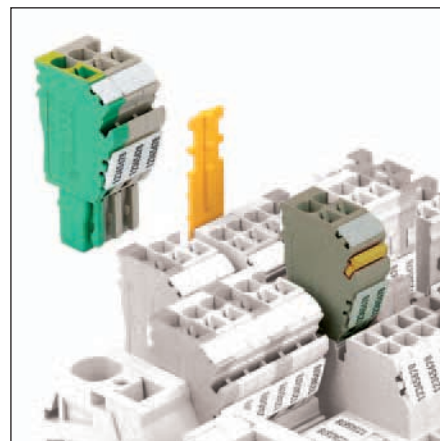


To guarantee "finger-safe" use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

Page C.108

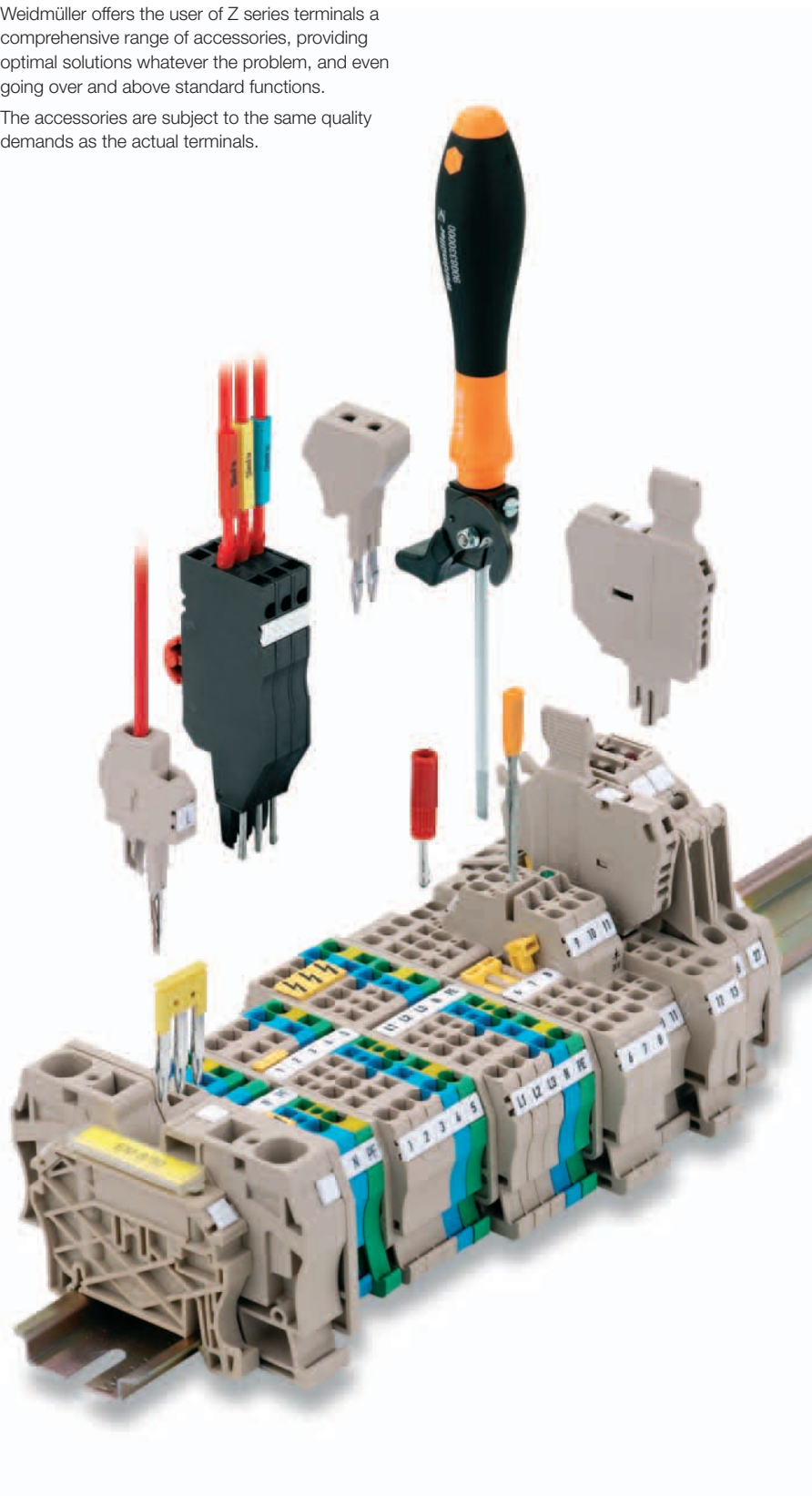


WeiCoS – Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

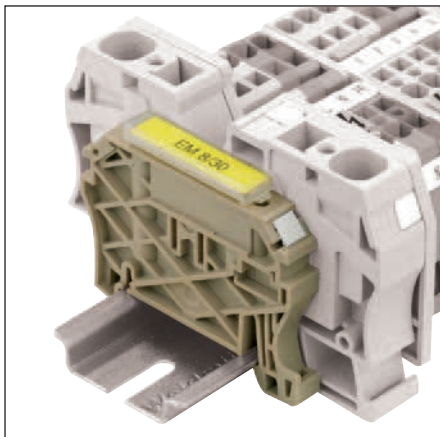
Advantages:

- Quick assembly
- Fully plugged-in functional units possible
- Quick and simple replacement during servicing



Fastening

Chapter F



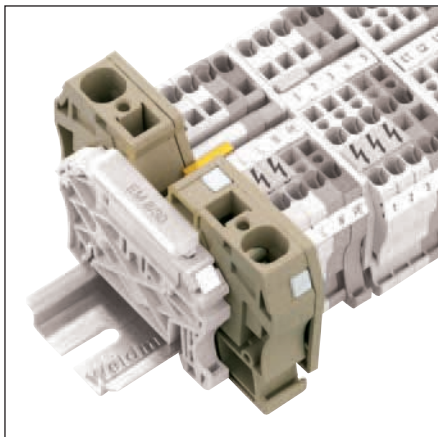
An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position.

The marking surface of the end bracket can also be used for group marking.

Details of the wide range of Weidmüller end brackets and mounting rails are given in **Chapter F**.

Electrical supply

Page C.101



Weidmüller's tension clamp terminals have three supply terminals:

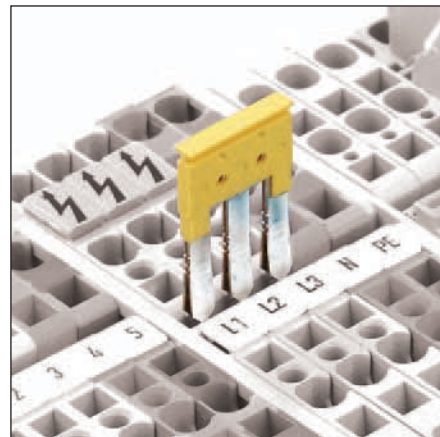
- ZEI 16** for standard terminals
- ZEI 16/2-1AN** for roof-type terminals
- ZEI 6** for ZDU 1.5 ...

Cross-connections divide the supply current into several feeder currents.

Current is supplied across a conductor cross-section of 16 mm² and then distributed across neighbouring terminals for 1.5 mm², 2.5 mm², 4 mm² and 6 mm² cross-sectional areas.

Electrical distribution

Page C.103

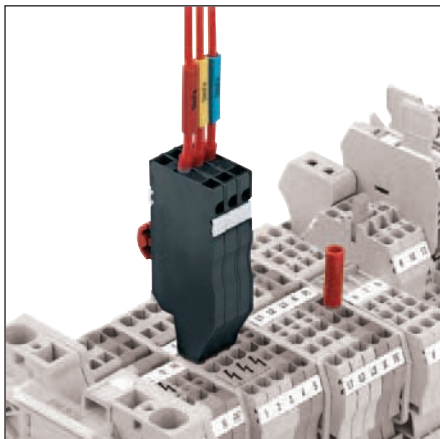


A pluggable **cross-connection system (ZQV)** is available for all Z series terminals.

The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

Testing

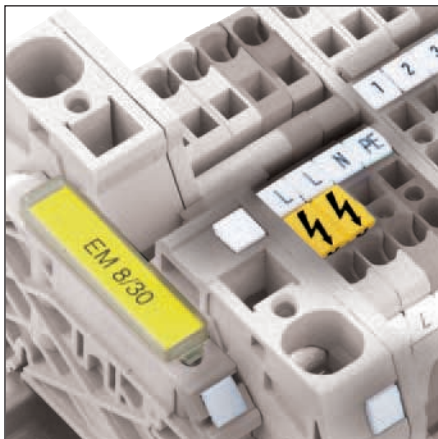
Page C.110



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in switch cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

Marking and connecting

Chapter M, chapter N, page C.112



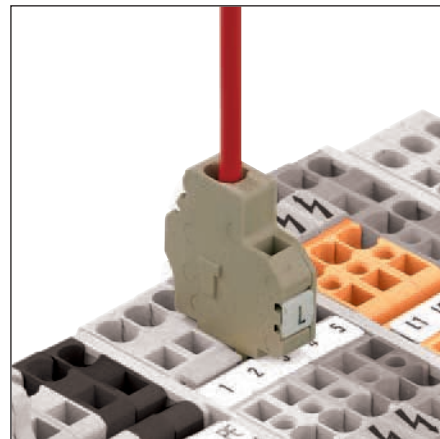
Weidmüller's marking systems in **chapter M** are used to mark tension clamp terminals. Individual terminal points, terminal groups and conductors can be marked.

The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter N**.

As an alternative to screwdrivers, fully insulated operating tools are also available; see page **C.112**

Specific functions/colour variations

Page C.113

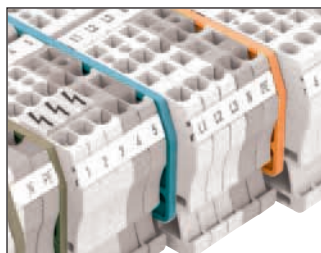


Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.

Accessories – Visual separation

End cover plates



Shock protection

With only a few exceptions, the final terminal in a terminal assemble must be covered with an end cover plate of type ZAP/TW. End cover plates (AP) are also to be inserted in a terminal assemble with different sized terminals. This guarantees shock protection from conducting parts and ensures that the terminals are “finger-safe”.

Visual separation

Coloured end cover plates are frequently used for visual separation of power circuits, in order to prevent wiring errors.

Ensure correct operating voltage

End cover plates (AP) can also be used to ensure the necessary creepage and clearance paths are present, to make sure that the rated voltage for the application is provided. For example, cross-connections can be set directly next to each other.

Identical contours

The outer dimensions of the end cover plates (AP) correspond to the dimensions of the terminal.

Mounting

The end cover plate (AP) can simply be clipped onto the corresponding terminal. Recesses in the terminals ensure that contours are identical with correct positioning.

... for standard terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 2 mm				
ZAP/TW ZDU 1.5/2 AN	Dark beige	50	1776030000	ZDU 1.5
ZAP/TW ZDU 1.5/2 AN BL	Blue	50	1776040000	ZPE 1.5
ZAP/TW ZDU 1.5/2 AN OR	Orange	50	1776050000	
Width 2 mm				
ZAP/TW ZDU 1.5/3 AN	Dark beige	50	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU 1.5/3 AN BL	Blue	50	1776070000	ZPE 1.5/3 AN
ZAP/TW ZDU 1.5/3 AN OR	Orange	50	1776080000	
Width 2 mm				
ZAP/TW ZDU 1.5/4 AN	Dark beige	50	1776090000	ZDU 1.5/4 AN
ZAP/TW ZDU 1.5/4 AN BL	Blue	50	1776100000	ZPE 1.5/4 ANL
ZAP/TW ZDU 1.5/4 AN OR	Orange	50	1776110000	
Width 2 mm				
ZAP/TW ZDK1.5	Dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL	Blue	20	1791170000	ZDK 1.5 V
ZAP/TW ZDK1.5 OR	Orange	20	1791180000	ZDK 1.5 PE
Width 2 mm				
ZAP/TW 1	Dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL	Blue	50	1608750000	ZPE 2.5
ZAP/TW 1 OR	Orange	50	1608760000	
ZAP/TW 1 BR	Brown	50	1683700000	
ZAP/TW 1 GE	Yellow	50	1683670000	
ZAP/TW 1 GN	Green	50	1683680000	
ZAP/TW 1 GR	Grey	50	1683710000	
ZAP/TW 1 RT	Red	50	1683660000	
ZAP/TW 1 SW	Black	50	1683730000	
ZAP/TW 1 VI	Violet	50	1683690000	
ZAP/TW 1 WS	White	50	1683720000	
Width 2 mm				
ZAP/TW 2 DB	Dark beige	50	1608770000	ZDU 2.5/3 AN
ZAP/TW 2 BL	Blue	50	1608780000	ZPE 2.5/3 AN
ZAP/TW 2 OR	Orange	50	1608790000	ZTR 2.5...
ZAP/TW 2 BR	Brown	50	1683780000	ZTR 2.5/Sl...
ZAP/TW 2 GE	Yellow	50	1683750000	
ZAP/TW 2 GN	Green	50	1683760000	
ZAP/TW 2 GR	Grey	50	1683790000	
ZAP/TW 2 RT	Red	50	1683740000	
ZAP/TW 2 SW	Black	50	1683810000	
ZAP/TW 2 VI	Violet	50	1683770000	
ZAP/TW 2 WS	White	50	1683800000	
Width 2 mm				
ZAP/TW 3	Dark beige	50	1608800000	ZDU 2.5/4 AN
ZAP/TW 3 BL	Blue	50	1608810000	ZDU 2.5/2x2 AN...
ZAP/TW 3 OR	Orange	50	1608820000	ZPE 2.5/4 AN
ZAP/TW 3 BR	Brown	50	1683860000	ZTR 2.5/3 AN...
ZAP/TW 3 GE	Yellow	50	1683830000	ZTR 2.5/4 AN...
ZAP/TW 3 GN	Green	50	1683840000	ZSI 2.5...
ZAP/TW 3 GR	Grey	50	1683870000	ZSI 2.5/5 x 25...
ZAP/TW 3 RT	Red	50	1683820000	
ZAP/TW 3 SW	Black	50	1683890000	
ZAP/TW 3 VI	Violet	50	1683850000	
ZAP/TW 3 WS	White	50	1683880000	
Width 2 mm				
ZAP/TW ZDK2.5/1.5	Dark beige	20	1674730000	ZDK 2.5/1.5
ZAP/TW ZDK2.5/1.5 BL	Blue	20	1748800000	ZDK 2.5/1.5 V
ZAP/TW ZDK2.5/1.5 OR	Orange	20	1690080000	ZDK 2.5/1.5 N-DU ZDK 2.5/1.5 DU-PE ZDK 2.5/1.5 PE ZDK 2.5/1.5/LD/1 ZDK 2.5/1.5/LD/2 ZDK 2.5/1.5/D/1...6
Width 2 mm				
ZAP ZDLD2.5-2 N	Dark beige	20	1782340000	ZDLD 2.5-2 N
ZAP ZDLD2.5-2 N BL	Blue	20	1782350000	ZDLD 2.5-2 VN
ZAP ZDLD2.5-2 N OR	Orange	20	1782360000	

Accessories – Visual separation

... for standard terminals

Type	Colour	Qty.	Order no.	For terminal:	
Width 1.5 mm					
ZAP/ZMAK 2.5	Dark beige	10	1768010000	ZMAK 2.5	
Width 1.5 mm					
AP ZDTR2.5	Dark beige	20	1745420000	ZDTR 2.5	
AP ZDTR2.5 BL	Blue	20	1798340000		
AP ZDTR2.5 OR	Orange	20	1745430000		
Width 2 mm					
ZAP/TW 4 DB	Dark beige	50	1632090000	ZDU 4 ZPE 4	
ZAP/TW 4 BL	Blue	50	1632100000		
ZAP/TW 4 OR	Orange	50	1632110000	ZDU 4 ZPE 4	
ZAP/TW 4 BR	Brown	50	1683940000		
ZAP/TW 4 GE	Yellow	50	1683910000		
ZAP/TW 4 GN	Green	50	1683920000		
ZAP/TW 4 GR	Grey	50	1683950000		
ZAP/TW 4 RT	Red	50	1683900000		
ZAP/TW 4 SW	Black	50	1683970000		
ZAP/TW 4 VI	Violet	50	1683930000		
ZAP/TW 4 WS	White	50	1683960000		
Width 2 mm					
ZAP/TW 4/3 AN	Dark beige	20	7904100000		ZDU 4/3 AN ZPE 4/3 AN
ZAP/TW 4/3 AN BL	Blue	20	7904110000		
ZAP/TW 4/3 AN OR	Orange	20	7904120000		
Width 2 mm					
ZAP/TW 4/4 AN	Dark beige	20	7904210000		ZDU 4/4 AN ZPE 4/4 AN
ZAP/TW 4/4 AN BL	Blue	20	7904220000		
ZAP/TW 4/4 AN OR	Orange	20	7904230000		
Width 2 mm					
ZAP/TW 5	Dark beige	50	1608830000	ZDU 6 ZPE 6	
ZAP/TW 5 BL	Blue	50	1608840000		
ZAP/TW 5 OR	Orange	50	1608850000		
Width 2 mm					
ZAP/TW 6/3 AN	Dark beige	20	7907370000	ZDU 6/3 AN ZPE 6/3 AN	
ZAP/TW 6/3 AN BL	Blue	20	7907380000		
ZAP/TW 6/3 AN OR	Orange	20	7907390000		
Width 2.7 mm					
ZAP/TW ZDU 10	Dark beige	20	1748660000	ZDU 10 ZPE 10	
ZAP/TW ZDU 10 BL	Blue	20	1764110000		
ZAP/TW ZDU 10 OR	Orange	20	1748670000		
Width 2.7 mm					
ZAP/TW 10/16	Dark beige	20	1749580000	ZDU 10/3 AN ZDU 16/3 AN ZPE 10/3 AN ZPE 16/3 AN	
ZAP/TW 10/16 BL	Blue	20	1768520000		
ZAP/TW 10/16 OR	Orange	20	1749590000		
Width 2.7 mm					
ZAP/TW ZDU16	Dark beige	20	1745150000	ZDU 16 ZPE 16	
ZAP/TW ZDU16 BL	Blue	20	1764100000		
ZAP/TW ZDU16 OR	Orange	20	1745160000		

... for roof-style terminals

Type	Colour	Qty.	Order no.	For terminal:	
Width 2 mm					
ZAP/TW7	Dark beige	50	1706110000	ZDU 2.5-2 ZDU 2.5-2/3 AN ZDU 2.5-2/4 AN ZPE 2.5-2 ZPE 2.5-2/3 AN ZPE 2.5-2/4 AN ZTR 2.5-2 ZTR 2.5-2/SI ZTR 2.5-2/D	
ZAP/TW7 BL	Blue	50	1706120000		
ZAP/TW7 OR	Orange	50	1706130000		
Width 2 mm					
ZAP/TW ZDK 2.5-2	Dark beige	20	1791050000		ZDK 2.5-2 ZDK 2.5-2 PE
ZAP/TW ZDK 2.5-2 BL	Blue	20	1791060000		
ZAP/TW ZDK 2.5-2 OR	Orange	20	1791070000		
Width 2 mm					
ZAP/TW ZDKPE 2.5-2	Dark beige	20	1805960000	ZDKPE 2.5-2	
ZAP/TW ZDKPE 2.5-2 OR	Orange	20	1805970000		
Width 2 mm					
ZAP ZDU 4-2	Dark beige	50	1770400000	ZDU 4-2 ZDU 4-2/3 AN ZPE 4-2 ZPE 4-2/3 AN	
ZAP ZDU 4-2 BL	Blue	50	1770880000		
ZAP ZDU 4-2 OR	Orange	50	1770890000		
Width 2 mm					
ZAP ZDU 4-2/4 AN	Dark beige	50	1807010000	ZDU 4-2/4 AN ZPE 4-2/4 AN	
ZAP ZDU 4-2/4 AN BL	Blue	50	1807020000		
ZAP ZDU 4-2/4 AN OR	Orange	50	1807030000		
Width 2 mm					
ZAP ZDU 6-2	Dark beige	50	1771440000	ZDU 6-2 ZDU 6-2/3 AN ZPE 6-2 ZPE 6-2/3 AN	
ZAP ZDU 6-2 BL	Blue	50	1771450000		
ZAP ZDU 6-2 OR	Orange	50	1771460000		
ZAP ZDU 6-2 SW	Black	50	1814710000		
Width 1.8 mm					
ZAP/ZDU 16-2/1AN	Dark beige	20	1772970000	ZPE 16-2/1AN	

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Accessories – Visual separation

... for initiator actuator terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 5 mm				
ZAP/TW ZPV 1.5	Dark beige	50	1674650000	ZPV 1.5
Width 5 mm				
ZAP/TWZIA 1.5/3L	Dark beige	50	1649540000	ZIA1.5/3L-1S ZIA1.5/3L-PE
Width 2.5 mm				
ZAP/TWZIA 1.5/4L	Dark beige	50	1649550000	ZIA1.5/4L-1S ZIA1.5/4L-PE
Width 5.1 mm				
AP ZRV 1.5 DB	Dark beige	10	1698180000	

... for installation terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 1.5 mm				
ZAP ZDL 2.5S	Dark beige	20	1720900000	ZDL 2.5/S...
Width 3 mm				
ZHP ZDL 2.5S BL	Blue	20	1720890000	ZDL 2.5/S...
ZHP Z/W BL	Blue	20	1745180000	ZDK 4/S... ZDK 6/S...
Width 5 mm				
ZHP Z/W SO		20	1781070000	ZDL 2.5/S... ZDK 4/S... ZDK 6/S...
Width 1.5 mm				
ZAP ZDL 2.5	Dark beige	20	1720910000	ZDL 2.5...
Width 1.5 mm				
ZAP ZDU 2.5 S	Dark beige	20	1808030000	ZDU 2.5 S
ZAP ZDU 2.5 S BL	Blue	20	1808040000	ZNT 2.5 S
ZAP ZDU 2.5 S OR	Orange	20	1808050000	ZPE 2.5 S
Width 1.5 mm				
ZAP ZDU 4 S	Dark beige	20	1808380000	ZDU 4 S
ZAP ZDU 4 S BL	Blue	20	1808390000	ZNT 4 S
ZAP ZDU 4 S OR	Orange	20	1808400000	ZPE 4 S
Width 1.5 mm				
ZAP ZDU 6 S	Dark beige	20	1808250000	ZDU 6 S
ZAP ZDU 6 S BL	Blue	20	1808260000	ZNT 6 S
ZAP ZDU 6 S OR	Orange	20	1808270000	ZPE 6 S
Width 2 mm				
ZAP ZDU 10/16 S	Dark beige	20	1739660000	ZDU 10 S, ZDU 16 S ZNT 10 S, ZNT 16 S ZPE 10 S, ZPE 16 S
Width 2 mm				
ZAP/ZDK 4/6/S	Dark beige	20	1733240000	ZDK 4/S... ZDK 6/S...
Width 3 mm				
ZHP S SO		20	1808280000	ZDU 2.5 S
ZHP S		20	1808290000	ZNT 2.5 S ZPE 2.5 S ZDU 4 S, ZDU 6 S ZNT 4 S, ZNT 6 S ZPE 4 S, ZPE 6 S ZDU 10 S, ZDU 16 S ZNT 10 S, ZNT 16 S ZPE 10 S, ZPE 16 S

... for mini-terminals

Type	Colour	Qty.	Order no.	For terminal:
Width 1.5 mm				
ZAP/TW ZDUA	Dark beige	50	1720960000	ZDUA 2.5-2
ZAP/TW ZDUA BL	Blue	50	1720970000	ZPEA 2.5-2
ZAP/TW ZDUA OR	Orange	50	1720980000	
Width 2 mm				
ZAP/TW ZDUA2.5-2N	Dark beige	50	1808170000	ZDUA 2.5-2N
ZAP/TW ZDUA2.5-2N BL	Blue	50	1808150000	ZPEA 2.5-2N
ZAP/TW ZDUA2.5-2N OR	Orange	50	1808160000	
Width 5.1 mm				
ZAP ZDUB	Dark beige	50	1704750000	ZDUB 2.5/2 AN...
ZAP ZDUB BL	Blue	50	1704760000	ZDUB 2.5/4 AN...
ZAP ZDUB OR	Orange	50	1704770000	ZPEB 2.5/2 AN
Width 5.1 mm				
ZTW ZDUB	Dark beige	50	1704340000	ZDUB 2.5/2 AN... ZDUB 2.5/4 AN... ZPEB 2.5/2 AN

... for WeiCoS pluggable terminals

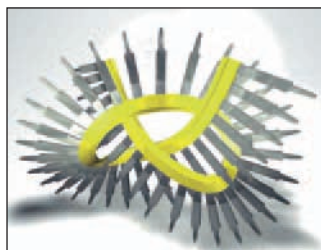
Type	Colour	Qty.	Order no.	For terminal:
Width 2.5 mm				
ZAP/TW ZT 2.5/2 AN	Dark beige	50	1816030000	ZT 2.5/2 AN/1
ZAP/TW ZT 2.5/2 AN OR	Orange	50	1816040000	ZTPE 2.5/2 AN/1
Width 2.5 mm				
ZAP/TW ZT 2.5/3 AN	Dark beige	50	1816050000	ZT 2.5/3 AN/1
ZAP/TW ZT 2.5/3 AN OR	Orange	50	1816060000	ZTPE 2.5/3 AN/1
Width 2.5 mm				
ZAP/TW ZT 2.5/4 AN/2	Dark beige	50	1816070000	ZT 2.5/4 AN/2
ZAP/TW ZT 2.5/4 AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4 AN/2
Width 2.5 mm				
ZAP/TW ZT 2.5/4 AN/4	Dark beige	50	1816090000	ZT 2.5/4 AN/4
ZAP/TW ZT 2.5/4 AN/4 OR	Orange	50	1816100000	ZTPE 2.5/4 AN/4
Width 2.5 mm				
ZAP/TW ZDT 2.5/2	Dark beige	50	1816110000	ZDT 2.5/2
ZAP/TW ZDT 2.5/2 OR	Orange	50	1816120000	ZDT 2.5/2 DU-PE ZDT 2.5/2 PE

... for other applications

Type	Colour	Qty.	Order no.	For terminal:
Width 2 mm				
ZTW ZTL6	Dark beige	20	1771870000	ZTL 6/STB
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6
Width 1.5 mm				
ZAP ZDU 4 NT	Dark beige	20	1757970000	ZDU 4NT
ZHP ZDU4/NT SO		20	1803890000	
Width 2 mm				
ZAP ZDU 10/16S	Dark beige	20	1739660000	ZDU 10 NT

Accessories – Electrical distribution

Cross-connections



Tailor-made cross-connections

ZQV 2.5/50 is a cross-connection which can be used for connecting up to 20 individual terminals easily and quickly. The fitter simply cuts off the required number of poles from the 50 pole cross-connection comb. With this system, cross-connections with the correct number of poles are always available, and only a minimum of storage space is required. The large number of poles in the 50-pole comb means that unused residual quantities are virtually avoided. The ends of the continuous cross-connection are bare.

In the interests of stability, 2-pole cross-connections are not allowed. An end cover plate must always be fitted to neighbouring ZQVs with bare cut edges. In ZDU 2.5 and WDU 2.5 it is sufficient to fit the ZQV in the off-set position. The rated voltage is 400 V. In general, ZQV 2.5/50 can be used for up to 20 poles.

Colour range

Different colours for marking the various cross-sections are available on request (e.g. differing circuits when using 2 cross-connection channels).

ZQV 1.5



Type	Qty.	Order no.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	60	1776150000
ZQV 1.5/10	20	1776200000

For standard terminal	For roof-type terminal
ZDU 1.5....	
ZDK 1.5....	
ZEI 6	

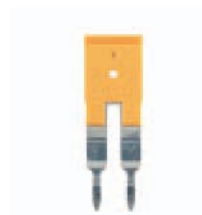
ZQV 2.5



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

For standard terminal	For roof-type terminal
ZDU 2.5...	ZDU 2.5-2...
ZDK 2.5/1.5...	ZDK 2.5-2
ZTR 2.5...	ZTR 2.5-2...
ZDTR 2.5	ZDLD 2.5-2...
ZSI 2.5...	ZDKPE 2.5-2
ZRV 1.5...	ZDU 2.5 S
ZIA 1.5....	ZNT 2.5 S
ZEI 16	ZEI 16-2/1 AN

ZQV 4



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

For standard terminal	For roof-type terminal
ZDU 4...	ZDU 4-2...
ZDK 4/S...	ZDU 4 S
	ZNT 4 S
ZEI 16	ZEI 16-2/1 AN

ZQV 16-10

Reducing cross-connection



Type	Qty.	Order no.
ZQV 16-10	10	7920080000

For standard terminal	For roof-type terminal
ZDU 10...	ZDU 10 S
ZPE 10...	ZNT 10 S
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
	ZNT 16 S

ZQV 35-10

Reducing cross-connection



Type	Qty.	Order no.
ZQV 35-10	10	7920100000

For standard terminal	For roof-type terminal
ZDU 10...	ZDU 10 S
ZPE 10...	ZPE 10 S
ZDU 35	
ZPE 35	

ZQV 35-16

Reducing cross-connection



Type	Qty.	Order no.
ZQV 35-16	10	7920120000

For standard terminal	For roof-type terminal
ZDU 16	ZDU 16 S
ZPE 16	ZPE 16 S
ZDU 35	
ZPE 35	