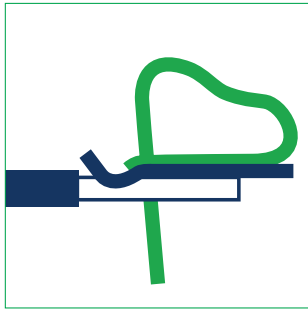
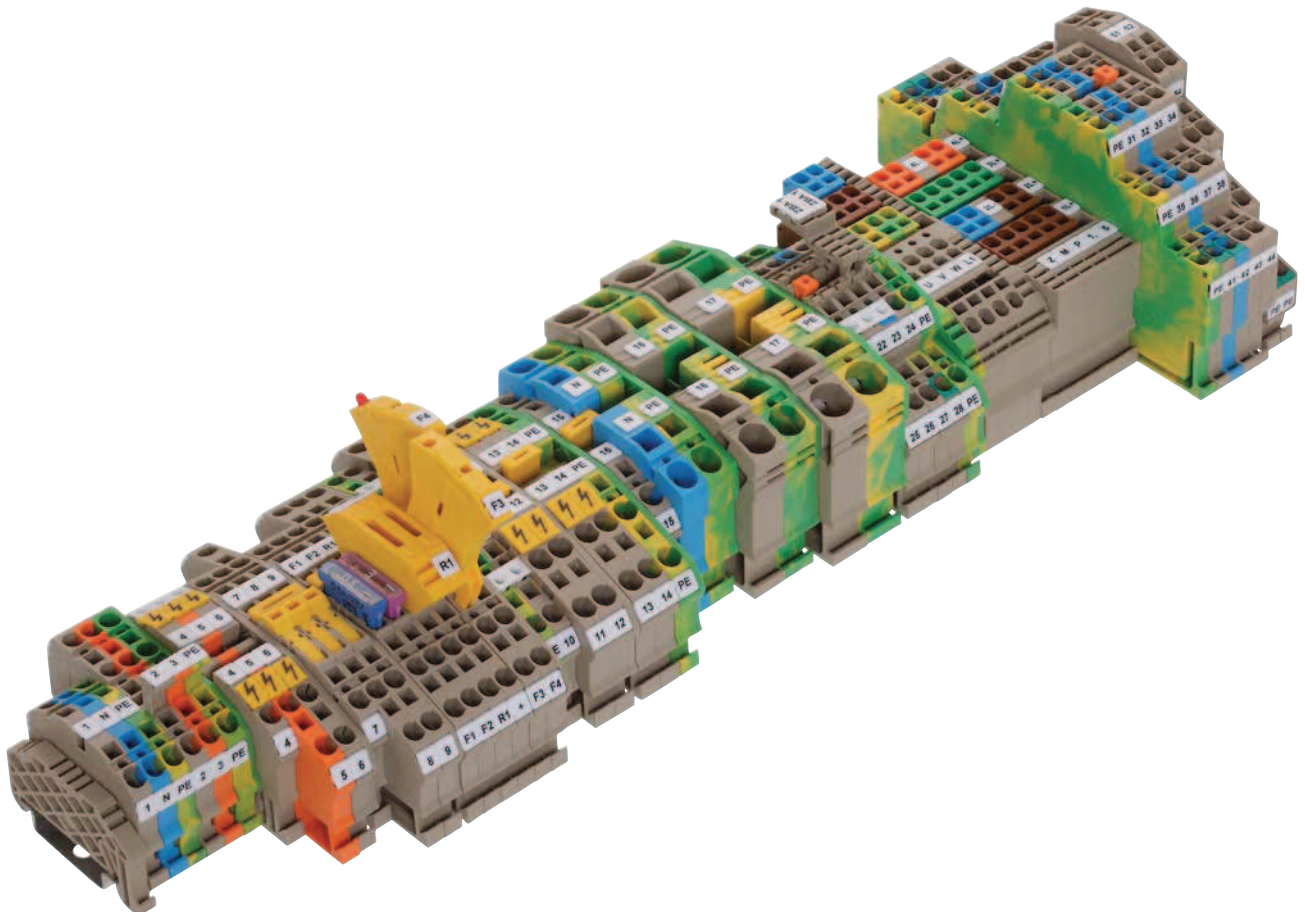




## Tension-spring connection system ZRK | ZSL *Proven – Safe – Reliable*



**CONTA-CLIP** offers an innovative product line featuring the proven tension-spring connection system for the smallest cross-sections ranging from 0.2 mm<sup>2</sup> to 16 mm<sup>2</sup>. This includes feed-through and protective-earth terminal, disconnect terminals, fused terminals, actuator terminals, sensor terminals, motor-connection terminals and direct-mounting terminals. The tension-spring top mechanism provides safe and quick connections for solid and stranded wires, with or without wire-end ferrules. The protective-earth terminals feature a PE foot contact that is snapped on, ensuring mechanical and electrical safety. The PE foot contact is on both sides of the PE terminals and can be snapped on to the DIN rail with no screws. Our well-designed line of accessories allows you to significantly reduce your installation and storage costs. You can multiply voltage potentials horizontally or vertically with the ZQI and ZVQI pluggable potential distribution systems. All of the insulating materials used in this product line are free of pollutants. They also comply with flammability class V0 (self-extinguishing) according to UL 94.



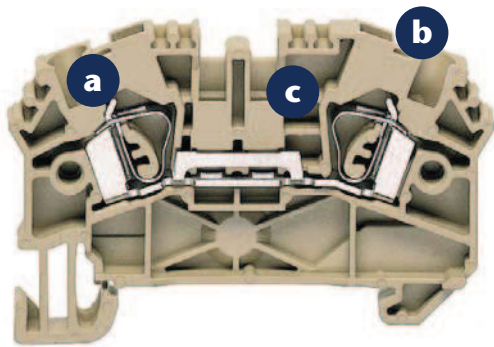
# Tension-spring connection system ZRK | ZSL

## Features

### a The connection | Secure contact

The tension-spring at the wire connection is held securely by the positioned busbar.

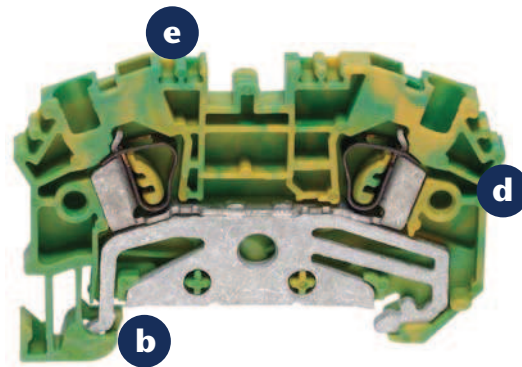
- The stainless steel spring provides permanent contact force between the wire and the busbar
- Clear separation of electrical and mechanical functions
- The busbars are made from copper with surface coating (tin)
- Resistant to vibration and maintenance-free
- Corrosion-free
- Space-saving design
- Foot base can be snapped on TS 35 DIN rail



### b Quick and easy to wire

Less time spent wiring thanks to the easy-to-operate tension-spring connection mechanism.

- Easy to work with
- Easy to operate, even under cramped working conditions, because of the TOP connection
- Generous wire-entry geometry
- Saves time and money
- PE foot contact on both sides – can be snapped on (no screws) to **TS 35x7.5** and **TS 35x15** rails



### c Pluggable cross-connection options



Distributing potentials with the pluggable **ZQI** cross-connection system is quick and easy. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup>.

- Available in 2 – 10 and 99 poles (for custom assemblies)
- Simple to insert and thus quicker to install
- No insulation plate or partition plate is required between a neighbouring cross-connection, since the ZQI has a touch-safe protective design
- Cross-connection can carry the full rated current and voltage of the corresponding terminal block
- Individual terminals can be skipped over by breaking out contact pins in the cross-connector

### d Housing insulation material

- Polyamide PA6.6 UL 94, flamm. class V0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Operating temperature from -40°C to +120°C

### e Marking options

Marking options are available for the standard terminals in 2.5 mm<sup>2</sup> to 16 mm<sup>2</sup>.

## Tension-spring connection system ZRK | ZSL

### An overview of the advantages

#### Less wiring time | Compact shape

The tension-spring connect system – thanks to its TOP connection and compact shape – provides an advantage when wiring in cramped working conditions.



#### More spacious connection space

The larger connection space offered by the ZRK | ZSL tension-clamp terminals speeds up wiring for solid or stranded wires with or without wire-end ferrules. The rated cross-sections specified in our documentation correspond to a connection with stranded wires using wire-end ferrules. It is also possible to use solid wires up to the next larger cross-section size.



#### Cross-connection system

The standard feed-through terminals in 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup> feature two cross-connection channels. So the two-pole **ZQI.../2** cross-connectors can be used to connect any number of terminals with each other.



#### Distributing potentials

The cross-connectors are available from 2 to 10 poles and with 99 poles. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup>.



#### Skip-over bridging

It is possible to skip over terminal blocks by breaking out individual contact poles. You can mark these broken-off contact elements using the plastic insulation of the cross-connector.



#### Power feed with small cross-sections

With tension-spring terminals of larger cross-sections, standard cross-connectors can connect to a single terminal of the next size up for the power feed-in. The ZQI cross-connection system can carry the rated voltage and rated current.



## Tension-spring connection system ZRK | ZSL

### An overview of the advantages

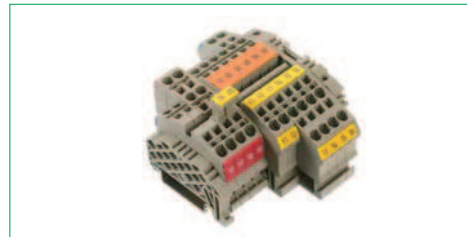
#### Vertical connection for multi-level terminals

The different levels of the double-level and triple-level terminals can be connected electrically using a vertical connector.



#### Labelling

High-quality, quick and concise labelling is possible when using the **PMC SB**, **PMC BSTR** or **MC** labelling systems. The standard terminals feature up to four labelling channels.



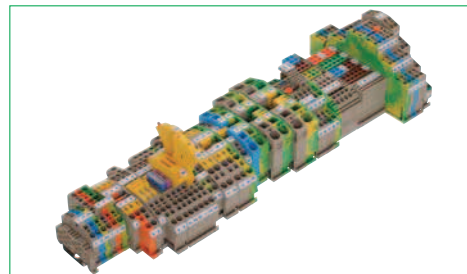
#### Additional marking options

In addition to the standard holder in the terminal housing, you can also label the multi-level terminals. The **ZBA** labelling adapter can be attached to the middle of the terminal housing – even when the terminal is wired up.



#### An effective and comprehensive range

The feed-through and PE terminals with cross-sections of 2.5 mm<sup>2</sup> to 4 mm<sup>2</sup> are available in two-wire, three-wire and four-wire versions. The product line also includes standard terminals and functional terminals including fused terminals, initiator terminals, disconnect terminals and direct-mounting terminals.



#### Testing assembled terminal blocks

The ZTA test adapters can be assembled to any pole counts using the locking pegs. They can be used to test assembled terminal block strips in a quick and safe manner. Wire cross-sections ranging from 0.5 mm<sup>2</sup> to 1 mm<sup>2</sup> can be connected. Each tension-clamp terminal has a corresponding test point for establishing contact to the potential voltage on the busbar.



#### A comprehensive line of accessories

is available starting at page 264.

- DIN rails
- Mechanical attachment | end stop
- Group marker holders
- End plates | Visual separation
- Cross-connections (Potential distribution)
- Covers
- Reducing sleeves
- Test adapters

Feed-through terminals ZSRK | Protective earth terminals ZSLN

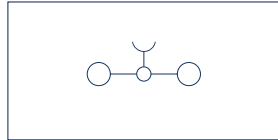
Tension-spring connection system



- Foot can be snapped on TS15 or TS35 DIN rails
- Housing made from polyamide 6.6 UL 94-V0

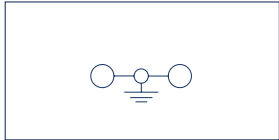
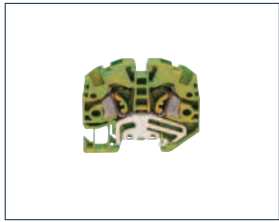
Connection diagram

ZSRK 2,5/2A/15



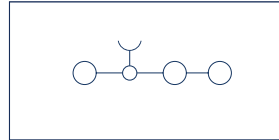
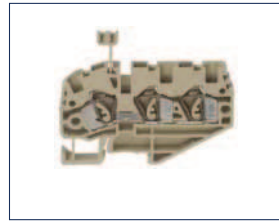
Feed-through terminal  
2 connections

ZSLN 2,5/2A/15



Protective earth terminal  
2 connections

ZSRK 2,5/3A/15



Feed-through terminal  
3 connections

Connection type

Size (L x W x H) with TS 15 x 5.5 (H with labelling adapter), in mm  
Size (L x W x H) with TS 35 x 7.0 (H with labelling adapter), in mm

Type

Type colour	
<b>Cat. no.</b>	
Type colour	
<b>Cat. no.</b>	
Type colour	
<b>Cat. no.</b>	
Type colour	
<b>Cat. no.</b>	
Colours available	

Ratings

Rated voltage, V	
Rated current, A	
Rated wire cross-section, mm <sup>2</sup>   AWG	
Rated impulse voltage, kV   Contamination degree	
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	

Connection data

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	
Contact wire range, mm <sup>2</sup>	
Stripping length, mm	

Features

Material of insulated housing | Temperature range  
Number of cross-connection channels | Test pick-off

Accessories

End plate AP	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Insulated cross-connector ZQI	
<b>Cat. no.</b>	
Four-way cover ZAD	
<b>Cat. no.</b>	
End stop ZES	
<b>Cat. no.</b>	
Test adapter ZTA	
<b>Cat. no.</b>	
Screwdriver / Metal actuating tool BWMA	
<b>Cat. no.</b>	
Quick marking PMC SB	
<b>Cat. no.</b>	

Tension-spring

40 x 5.1 x 34

Qty.

ZSRK 2,5/2A/15 BG	
<b>3585.2</b>	100
ZSRK 2,5/2A/15 BU	
<b>3585.5</b>	100
ZSRK 2,5/2A/15 OG	
<b>3585.3</b>	100



IEC CSAus CSA

800	300	300
24	20	20
2.5   20-12		
8   3		
A3   V0		

0.5-4   -
0.5-4   0.5-2.5
0.08-4
10

Tension-spring

40 x 5.1 x 34

Qty.

ZSLN 2,5/2A/15 GNYE	
<b>3586.2</b>	100



IEC CSAus CSA

800	300	300
24	20	20
2.5   20-12		
8   3		
A3   V0		

0.5-4   -
0.5-4   0.5-2.5
0.08-4
10

Tension-spring

52.5 x 5.1 x 34 (44)

Qty.

ZSRK 2,5/3A/15 BG	
<b>3599.2</b>	100
ZSRK 2,5/3A/15 BU	
<b>3599.5</b>	100
ZSRK 2,5/3A/15 OG	
<b>3599.3</b>	100



IEC CSAus CSA

800	300	300
24	20	20
2.5   20-12		
8   3		
A3   V0		

0.5-4   -
0.5-4   0.5-2.5
0.08-4
10

PA 6.6 | -40 to +120°C  
1 | 2

ZAP SR BG	
<b>3757.2</b>	280 50
ZQI 2,5/2 YE	
<b>3710.8</b>	308 50
ZQI 2,5/3 YE	
<b>3711.8</b>	308 50
ZQI 2,5/4 YE	
<b>3712.8</b>	308 20
ZQI 2,5/5 YE	
<b>3713.8</b>	308 20
ZQI 2,5/6 YE	
<b>3714.8</b>	308 20
ZQI 2,5/7 YE	
<b>3715.8</b>	308 20
ZQI 2,5/8 YE	
<b>3716.8</b>	308 10
ZQI 2,5/9 YE	
<b>3717.8</b>	308 10
ZQI 2,5/10 YE	
<b>3718.8</b>	308 10
ZQI 2,5/0.5 m/99 poles YE	
<b>3719.8</b>	308 1
ZAD 2,5/4/B YE	
<b>3706.0</b>	315 20
ZES 15 BG	
<b>3812.2</b>	275 50
ZTA 2,5	
<b>3740.2</b>	320 10
BWMA 1 (0.5x3.5mm)	
<b>3808.0</b>	328 1
PMC SB 5/50 WH	
<b>4600.7</b>	339 500

PA 6.6 | -40 to +120°C  
1 | 2

ZAP-SR GN	
<b>3757.1</b>	280 50
ZAD 2,5/4/B YE	
<b>3706.0</b>	315 20
ZES 15 BG	
<b>3812.2</b>	275 50
ZTA 2,5	
<b>3740.2</b>	320 10
BWMA 1 (0.5x3.5mm)	
<b>3808.0</b>	328 1
PMC SB 5/50 WH	
<b>4600.7</b>	339 500

PA 6.6 | -40 to +120°C  
1 | 2

ZAP SR 3A/15 BG	
<b>3794.2</b>	280 50
ZQI 2,5/2 YE	
<b>3710.8</b>	308 50
ZQI 2,5/3 YE	
<b>3711.8</b>	308 50
ZQI 2,5/4 YE	
<b>3712.8</b>	308 20
ZQI 2,5/5 YE	
<b>3713.8</b>	308 20
ZQI 2,5/6 YE	
<b>3714.8</b>	308 20
ZQI 2,5/7 YE	
<b>3715.8</b>	308 20
ZQI 2,5/8 YE	
<b>3716.8</b>	308 10
ZQI 2,5/9 YE	
<b>3717.8</b>	308 10
ZQI 2,5/10 YE	
<b>3718.8</b>	308 10
ZQI 2,5/0.5 m/99 poles YE	
<b>3719.8</b>	308 1
ZAD 2,5/4/B YE	
<b>3706.0</b>	315 20
ZES 15 BG	
<b>3812.2</b>	275 50
ZTA 2,5	
<b>3740.2</b>	320 10
BWMA 1 (0.5x3.5mm)	
<b>3808.0</b>	328 1
PMC SB 5/50 WH	
<b>4600.7</b>	339 500

ZSLN 2,5/3A/15	ZSRK 2,5/2A	ZSLN 2,5/2A	ZSRK 2,5/3A	ZSLN 2,5/3A
Protective earth terminal 3 connections	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections	Protective earth terminal 3 connections
<b>Tension-spring</b> 52.5 x 5.1 x 34 (44)	<b>Tension-spring</b> 43.5 x 5.1 x 36.5	<b>Tension-spring</b> 43.5 x 5.1 x 36.5	<b>Tension-spring</b> 55 x 5.1 x 36.5 (46.5)	<b>Tension-spring</b> 55 x 5.1 x 36.5 (46.5)
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
ZSLN 2,5/3A/15 GNYE <b>3601.2</b> 100	ZSRK 2,5/2A BG <b>3583.2</b> 100 ZSRK 2,5/2A BU <b>3583.5</b> 100 ZSRK 2,5/2A OG <b>3583.3</b> 100	ZSLN 2,5/2A GNYE <b>3584.2</b> 100	ZSRK 2,5/3A BG <b>3600.2</b> 100 ZSRK 2,5/3A BU <b>3600.5</b> 100 ZSRK 2,5/3A OG <b>3600.3</b> 100	ZSLN 2,5/3A GNYE <b>3602.2</b> 100
<b>2</b>	<b>2 5 3 1 8 9</b>	<b>2</b>	<b>2 5 3 1 8 9</b>	<b>2</b>
<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>
800 300 300	800 300 300	800 300 300	800 300 300	800 300 300
24 20 20	24 20 20	24 20 20	24 20 20	24 20 20
2.5   20-12	2.5   20-12	2.5   20-12	2.5   20-12	2.5   20-12
8   3	8   3	8   3	8   3	8   3
A3   VO	A3   VO	A3   VO	A3   VO	A3   VO
0.5-4   -	0.5-4   -	0.5-4   -	0.5-4   -	0.5-4   -
0.5-4   0.5-2.5	0.5-4   0.5-2.5	0.5-4   0.5-2.5	0.5-4   0.5-2.5	0.5-4   0.5-2.5
0.08-4	0.08-4	0.08-4	0.08-4	0.08-4
10	10	10	10	10
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
1   2	1   2	1   2	1   2	1   2
<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>
ZAP SR 3A/15 GN <b>3794.1</b> 280 50	ZAP SR BG <b>3757.2</b> 280 50 ZQI 2,5/2 YE <b>3710.8</b> 308 50 ZQI 2,5/3 YE <b>3711.8</b> 308 50 ZQI 2,5/4 YE <b>3712.8</b> 308 20 ZQI 2,5/5 YE <b>3713.8</b> 308 20 ZQI 2,5/6 YE <b>3714.8</b> 308 20 ZQI 2,5/7 YE <b>3715.8</b> 308 20 ZQI 2,5/8 YE <b>3716.8/</b> 308 10 ZQI 2,5/9 YE <b>3717.8</b> 308 10 ZQI 2,5/10 YE <b>3718.8</b> 308 10 ZQI 2,5/0.5 m/99 poles YE <b>3719.8</b> 308 1	ZAP SR GN <b>3757.1</b> 280 50	ZAP SR 3A/35 BG <b>3795.2</b> 280 50 ZQI 2,5/2 YE <b>3710.8</b> 308 50 ZQI 2,5/3 YE <b>3711.8</b> 308 50 ZQI 2,5/4 YE <b>3712.8</b> 308 20 ZQI 2,5/5 YE <b>3713.8</b> 308 20 ZQI 2,5/6 YE <b>3714.8</b> 308 20 ZQI 2,5/7 YE <b>3715.8</b> 308 20 ZQI 2,5/8 YE <b>3716.8/</b> 308 10 ZQI 2,5/9 YE <b>3717.8</b> 308 10 ZQI 2,5/10 YE <b>3718.8</b> 308 10 ZQI 2,5/0.5 m/99 poles YE <b>3719.8</b> 308 1	ZAP SR 3A/35 GN <b>3795.1</b> 280 50
ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20
ZES 15 BG <b>3812.2</b> 275 50	ZES 35/2 BG <b>3811.2</b> 275 50	ZES 35/2 BG <b>3811.2</b> 275 50	ZES 35/2 BG <b>3811.2</b> 275 50	ZES 35/2 BG <b>3811.2</b> 275 50
ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10
BWMA 1 (0.5x3.5mm) <b>3808.0</b> 328 1	BWMA 1 (0.5x3.5mm) <b>3808.0</b> 328 1	BWMA 1 (0.5x3.5mm) <b>3808.0</b> 328 1	BWMA 1 (0.5x3.5mm) <b>3808.0</b> 328 1	BWMA 1 (0.5x3.5mm) <b>3808.0</b> 328 1
PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500

Feed-through terminals ZRK | Protective earth terminals ZSL

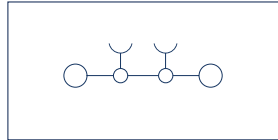
Tension-spring connection system



- Foot can be snapped on TS35 DIN rails
- Housing made from polyamide 6.6 UL 94-V0

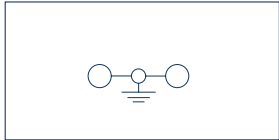
Connection diagram

ZRK 2,5/2A



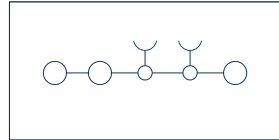
Feed-through terminal  
2 connections

ZSL 2,5/2A



Protective earth terminal  
2 connections

ZRK 2,5/3A



Feed-through terminal  
3 connections

Connection type  
Size (L x W x H) with TS 35 x 7.5 mm

Tension-spring  
59 x 5.1 x 39

Tension-spring  
59 x 5.1 x 39

Tension-spring  
71,3 x 5.1 x 39

Type

Type colour	ZRK 2,5/2A BG	Qty.	100
Cat. no.	<b>3500.2</b>		
Type colour	ZRK 2,5/2A BU	Qty.	100
Cat. no.	<b>3500.5</b>		
Type colour	ZRK 2,5/2A OG	Qty.	100
Cat. no.	<b>3500.3</b>		
Type colour			
Cat. no.			
Colours available			

Type colour	ZSL 2,5/2A GNYE	Qty.	100
Cat. no.	<b>3510.2</b>		
Type colour			
Cat. no.			
Colours available			

Type colour	ZRK 2,5/3A BG	Qty.	100
Cat. no.	<b>3501.2</b>		
Type colour	ZRK 2,5/3A BU	Qty.	100
Cat. no.	<b>3501.5</b>		
Type colour	ZRK 2,5/3A OG	Qty.	100
Cat. no.	<b>3501.3</b>		
Type colour			
Cat. no.			
Colours available			

Type colour	ZRK 2,5/3A BG	Qty.	100
Cat. no.	<b>3501.2</b>		
Type colour	ZRK 2,5/3A BU	Qty.	100
Cat. no.	<b>3501.5</b>		
Type colour	ZRK 2,5/3A OG	Qty.	100
Cat. no.	<b>3501.3</b>		
Type colour			
Cat. no.			
Colours available			

Ratings

Rated voltage, V	800	600	600
Rated current, A	24	27	27
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   20-12		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V0		

Rated voltage, V	800	600	600
Rated current, A	24	27	27
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   20-12		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V0		

Rated voltage, V	800	600	600
Rated current, A	24	27	27
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   20-12		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V0		

Rated voltage, V	800	600	600
Rated current, A	24	27	27
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   20-12		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V0		

Connection data

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-4   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.5-4   0.5-2.5
Contact wire range, mm <sup>2</sup>	0.08-4
Stripping length, mm	10

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-4   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.5-4   0.5-2.5
Contact wire range, mm <sup>2</sup>	0.08-4
Stripping length, mm	10

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-4   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.5-4   0.5-2.5
Contact wire range, mm <sup>2</sup>	0.08-4
Stripping length, mm	10

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-4   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.5-4   0.5-2.5
Contact wire range, mm <sup>2</sup>	0.08-4
Stripping length, mm	10

Features

Material of insulated housing | Temperature range  
Number of cross-connection channels | Test pick-off

PA 6.6 | -40 to +120°C  
2 | 2

PA 6.6 | -40 to +120°C  
0 | 2

PA 6.6 | -40 to +120°C  
2 | 2

Accessories

End plate AP	ZAP 2,5/2A BG	Page	Qty.	280	50
Cat. no.	<b>3700.2</b>				
Insulated cross-connector ZQI	ZQI 2,5/2 YE	Page	Qty.	308	50
Cat. no.	<b>3710.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/3 YE	Page	Qty.	308	50
Cat. no.	<b>3711.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/4 YE	Page	Qty.	308	20
Cat. no.	<b>3712.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/5 YE	Page	Qty.	308	20
Cat. no.	<b>3713.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/6 YE	Page	Qty.	308	20
Cat. no.	<b>3714.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/7 YE	Page	Qty.	308	20
Cat. no.	<b>3715.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/8 YE	Page	Qty.	308	10
Cat. no.	<b>3716.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/9 YE	Page	Qty.	308	10
Cat. no.	<b>3717.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/10 YE	Page	Qty.	308	10
Cat. no.	<b>3718.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/0.5 m/99 poles YE	Page	Qty.	308	1
Cat. no.	<b>3719.8</b>				
Four-way cover ZAD	ZAD 2,5/4/B YE	Page	Qty.	315	20
Cat. no.	<b>3706.0</b>				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	<b>3748.2</b>				
Test adapter ZTA	ZTA 2,5	Page	Qty.	320	10
Cat. no.	<b>3740.2</b>				
Screwdriver / Metal actuating tool BWMA	BWMA 1	Page	Qty.	328	1
Cat. no.	<b>3808.0</b>				
Quick marking PMC SB	PMC SB 5/50 WH	Page	Qty.	339	500
Cat. no.	<b>4600.7</b>				

End plate AP	ZAP 2,5/2A GN	Page	Qty.	280	50
Cat. no.	<b>3700.1</b>				
Insulated cross-connector ZQI	ZQI 2,5/2 YE	Page	Qty.	308	50
Cat. no.	<b>3710.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/3 YE	Page	Qty.	308	50
Cat. no.	<b>3711.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/4 YE	Page	Qty.	308	20
Cat. no.	<b>3712.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/5 YE	Page	Qty.	308	20
Cat. no.	<b>3713.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/6 YE	Page	Qty.	308	20
Cat. no.	<b>3714.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/7 YE	Page	Qty.	308	20
Cat. no.	<b>3715.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/8 YE	Page	Qty.	308	10
Cat. no.	<b>3716.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/9 YE	Page	Qty.	308	10
Cat. no.	<b>3717.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/10 YE	Page	Qty.	308	10
Cat. no.	<b>3718.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/0.5 m/99 poles YE	Page	Qty.	308	1
Cat. no.	<b>3719.8</b>				
Four-way cover ZAD	ZAD 2,5/4/B YE	Page	Qty.	315	20
Cat. no.	<b>3706.0</b>				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	<b>3748.2</b>				
Test adapter ZTA	ZTA 2,5	Page	Qty.	320	10
Cat. no.	<b>3740.2</b>				
Screwdriver / Metal actuating tool BWMA	BWMA 1	Page	Qty.	328	1
Cat. no.	<b>3808.0</b>				
Quick marking PMC SB	PMC SB 5/50 WH	Page	Qty.	339	500
Cat. no.	<b>4600.7</b>				

End plate AP	ZAP 2,5/3A BG	Page	Qty.	280	50
Cat. no.	<b>3701.2</b>				
Insulated cross-connector ZQI	ZQI 2,5/2 YE	Page	Qty.	308	50
Cat. no.	<b>3710.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/3 YE	Page	Qty.	308	50
Cat. no.	<b>3711.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/4 YE	Page	Qty.	308	20
Cat. no.	<b>3712.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/5 YE	Page	Qty.	308	20
Cat. no.	<b>3713.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/6 YE	Page	Qty.	308	20
Cat. no.	<b>3714.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/7 YE	Page	Qty.	308	20
Cat. no.	<b>3715.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/8 YE	Page	Qty.	308	10
Cat. no.	<b>3716.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/9 YE	Page	Qty.	308	10
Cat. no.	<b>3717.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/10 YE	Page	Qty.	308	10
Cat. no.	<b>3718.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/0.5 m/99 poles YE	Page	Qty.	308	1
Cat. no.	<b>3719.8</b>				
Four-way cover ZAD	ZAD 2,5/4/B YE	Page	Qty.	315	20
Cat. no.	<b>3706.0</b>				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	<b>3748.2</b>				
Test adapter ZTA	ZTA 2,5	Page	Qty.	320	10
Cat. no.	<b>3740.2</b>				
Screwdriver / Metal actuating tool BWMA	BWMA 1	Page	Qty.	328	1
Cat. no.	<b>3808.0</b>				
Quick marking PMC SB	PMC SB 5/50 WH	Page	Qty.	339	500
Cat. no.	<b>4600.7</b>				

End plate AP	ZAP 2,5/3A BG	Page	Qty.	280	50
Cat. no.	<b>3701.2</b>				
Insulated cross-connector ZQI	ZQI 2,5/2 YE	Page	Qty.	308	50
Cat. no.	<b>3710.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/3 YE	Page	Qty.	308	50
Cat. no.	<b>3711.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/4 YE	Page	Qty.	308	20
Cat. no.	<b>3712.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/5 YE	Page	Qty.	308	20
Cat. no.	<b>3713.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/6 YE	Page	Qty.	308	20
Cat. no.	<b>3714.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/7 YE	Page	Qty.	308	20
Cat. no.	<b>3715.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/8 YE	Page	Qty.	308	10
Cat. no.	<b>3716.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/9 YE	Page	Qty.	308	10
Cat. no.	<b>3717.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/10 YE	Page	Qty.	308	10
Cat. no.	<b>3718.8</b>				
Insulated cross-connector ZQI	ZQI 2,5/0.5 m/99 poles YE	Page	Qty.	308	1
Cat. no.	<b>3719.8</b>				
Four-way cover ZAD	ZAD 2,5/4/B YE	Page	Qty.	315	20
Cat. no.	<b>3706.0</b>				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	<b>3748.2</b>				
Test adapter ZTA	ZTA 2,5	Page	Qty.	320	10
Cat. no.	<b>3740</b>				

ZSL 2,5/3A	ZRK 2,5/4A	ZSL 2,5/4A	ZRK 2,5/2x2A	
Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections	Feed-through terminal 2 x 2 connections	
<b>Tension-spring</b> 71.3 x 5.1 x 39	<b>Tension-spring</b> 83.6 x 5.1 x 39	<b>Tension-spring</b> 83.6 x 5.1 x 39	<b>Tension-spring</b> 83.6 x 5.1 x 39	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
ZSL 2,5/3A GNYE <b>3511.2</b> 100	ZRK 2,5/4A BG <b>3502.2</b> 100 ZRK 2,5/4A BU <b>3502.5</b> 100 ZRK 2,5/4A OG <b>3502.3</b> 100	ZSL 2,5/4A GNYE <b>3512.2</b> 100	ZRK 2,5/2x2A BG <b>3503.2</b> 100 ZRK 2,5/2x2A BU <b>3503.5</b> 100 ZRK 2,5/2x2A OG <b>3503.3</b> 100	
<b>2</b>	<b>2 5 3 1</b>	<b>2</b>	<b>2 5 3</b>	
<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	
800 600 600	800 600 600	800 600 600	800 600 600	
24 27 27	24 27 27	24 27 27	24 27 27	
2.5   20-12	2.5   20-12	2.5   20-12	2.5   20-12	
8   3	8   3	8   3	8   3	
A3   V0	A3   V0	A3   V0	A3   V0	
0.5-4   -	0.5-4   -	0.5-4   -	0.5-4   -	
0.5-4   0.5-2.5	0.5-4   0.5-2.5	0.5-4   0.5-2.5	0.5-4   0.5-2.5	
0.08-4	0.08-4	0.08-4	0.08-4	
10	10	10	10	
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	
0   2	2   2	0   2	0   2	
<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	
ZAP 2,5/3A GN <b>3701.1</b> 280 50	ZAP 2,5/4A BG <b>3702.2</b> 280 50 ZQI 2,5/2 YE <b>3710.8</b> 308 50 ZQI 2,5/3 YE <b>3711.8</b> 308 50 ZQI 2,5/4 YE <b>3712.8</b> 308 20 ZQI 2,5/5 YE <b>3713.8</b> 308 20 ZQI 2,5/6 YE <b>3714.8</b> 308 20 ZQI 2,5/7 YE <b>3715.8</b> 308 20 ZQI 2,5/8 YE <b>3716.8</b> 308 10 ZQI 2,5/9 YE <b>3717.8</b> 308 10 ZQI 2,5/10 YE <b>3718.8</b> 308 10 ZQI 2,5/0.5 m/99 poles YE <b>3719.8</b> 308 1	ZAP 2,5/4A GN <b>3702.1</b> 280 50	ZAP 2,5/4A BG <b>3702.2</b> 280 50	
ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	ZAD 2.5/4/B YE <b>3706.0</b> 315 20	
ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	
ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	ZTA 2,5 <b>3740.2</b> 320 10	
BWMA 1 <b>3808.0</b> 328 1	BWMA 1 <b>3808.0</b> 328 1	BWMA 1 <b>3808.0</b> 328 1	BWMA 1 <b>3808.0</b> 328 1	
PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	PMC SB 5/50 WH <b>4600.7</b> 339 500	



## Feed-through terminals with electronic components ZRK

### Tension-spring connection system



- Foot can be snapped on TS35 DIN rails
- Housing made from polyamide 6.6 UL 94-V0

### Connection diagram



Diode terminal  
2 x 2 connections



Diode terminal  
2 x 2 connections



LED indicator terminal  
2 x 2 connections

### Connection type

Size (L x W x H) with TS 35 x 7.5 mm

### Tension-spring

83.6 x 5.1 x 39

### Tension-spring

83.6 x 5.1 x 39

### Tension-spring

83.6 x 5.1 x 39

	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>			
Type colour <b>Cat. no.</b>	ZRK 2,5/2x2A/D1 BG <b>3504.2</b>	100	ZRK 2,5/2x2A/D2 BG <b>3542.2</b>	100	ZRK 2,5/2x2A/LED1(RD)/24V DC BG <b>3505.2</b>	100

Type colour <b>Cat. no.</b>			
Type colour <b>Cat. no.</b>			
Type colour <b>Cat. no.</b>			
Colours available			

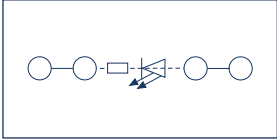
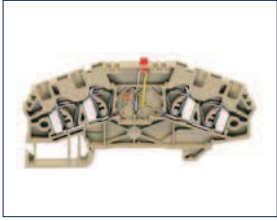
<b>Ratings</b>	<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>	<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>	<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
Rated voltage, V	800	600	600	800	600	600		24	
Rated current, A	24	27	27	24	27	27		< 5 mA	
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   20-12			2.5   20-12			2.5   20-12		
Rated impulse voltage, kV   Contamination degree	8   3			8   3			8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V0			A3   V0			A3   V0		

<b>Connection data</b>									
Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-4   -			0.5-4   -			0.5-4   -		
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.5-4   0.5-2.5			0.5-4   0.5-2.5			0.5-4   0.5-2.5		
Contact wire range, mm <sup>2</sup>	0.08-4			0.08-4			0.08-4		
Stripping length, mm	10			10			10		
Diode	1N4007			1N4007			red LED		
	Reverse voltage 1000V   Current 1A			Reverse voltage 1000V   Current 1A			Current via LED < 5 mA		

<b>Features</b>									
Material of insulated housing   Temperature range	PA 6.6   -40 to +120°C			PA 6.6   -40 to +120°C			PA 6.6   -40 to +120°C		
Number of cross-connection channels   Test pick-off	1   2			1   2			1   2		

<b>Accessories</b>		<b>Page</b>	<b>Qty.</b>	<b>Page</b>	<b>Qty.</b>	<b>Page</b>	<b>Qty.</b>		
End plate AP <b>Cat. no.</b>	ZAP 2,5/4A BG <b>3702.2</b>	280	50	ZAP 2,5/4A BG <b>3702.2</b>	280	50	ZAP 2,5/4A BG <b>3702.2</b>	280	50
Four-way cover ZAD <b>Cat. no.</b>	ZAD 2.5/4/B YE <b>3706.0</b>	315	20	ZAD 2.5/4/B YE <b>3706.0</b>	315	20	ZAD 2.5/4/B YE <b>3706.0</b>	315	20
End stop ZES <b>Cat. no.</b>	ZES 35 BG <b>3748.2</b>	275	50	ZES 35 BG <b>3748.2</b>	275	50	ZES 35 BG <b>3748.2</b>	275	50
Test adapter ZTA <b>Cat. no.</b>	ZTA 2,5 <b>3740.2</b>	320	10	ZTA 2,5 <b>3740.2</b>	320	10	ZTA 2,5 <b>3740.2</b>	320	10
Screwdriver / Metal actuating tool BWMA <b>Cat. no.</b>	BWMA 1 <b>3808.0</b>	328	1	BWMA 1 <b>3808.0</b>	328	1	BWMA 1 <b>3808.0</b>	328	1
Quick marking PMC SB <b>Cat. no.</b>	PMC SB 5/50 WH <b>4600.7</b>	339	500	PMC SB 5/50 WH <b>4600.7</b>	339	500	PMC SB 5/50 WH <b>4600.7</b>	339	500

**ZRK 2,5/2x2A/LED2**



LED indicator terminal  
2 x 2 connections

**Tension-spring**  
83.6 x 5.1 x 39

	<b>Qty.</b>
ZRK 2,5/2x2A/LED2(RD)/24V DC BG	100
<b>3543.2</b>	

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

	<b>Page</b>	<b>Qty.</b>
ZAP 2,5/4A BG	280	50
<b>3702.2</b>		
ZAD 2.5/4/B YE	315	20
<b>3706.0</b>		
ZES 35 BG	275	50
<b>3748.2</b>		
ZTA 2,5	320	10
<b>3740.2</b>		
BWMA 1	328	1
<b>3808.0</b>		
PMC SB 5/50 WH	339	500
<b>4600.7</b>		

<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
	24	
	< 5 mA	
	2.5   20-12	
	8   3	
	A3   V0	
	0.5-4   -	
	0.5-4   0.5-2.5	
	0.08-4	
	10	
	red LED	
	Current via LED < 5 mA	
	PA 6.6   -40 to +120°C	
	1   2	

Feed-through terminals ZRK | Protective earth terminals ZSL

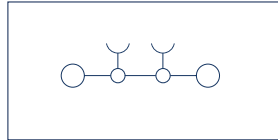
Tension-spring connection system



- Foot can be snapped on TS35 DIN rails
- Housing made from polyamide 6.6 UL 94-V0

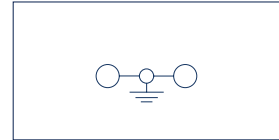
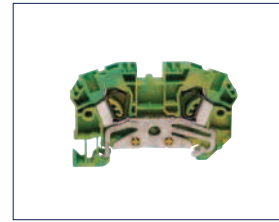
Connection diagram

ZRK 4/2A



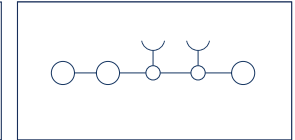
Feed-through terminal  
2 connections

SL 4/2A



Protective earth terminal  
2 connections

ZRK 4/3A



Feed-through terminal  
3 connections

Connection type  
Size (L x W x H) with TS 35 x 7.5 mm

Tension-spring  
64 x 6.1 x 42

Tension-spring  
64 x 6.1 x 42

Tension-spring  
78.5 x 6.1 x 42

Type

Type colour	ZRK 4/2A BG	Qty.	100
Cat. no.	3515.2		
Type colour	ZRK 4/2A BU	Qty.	100
Cat. no.	3515.5		
Type colour	ZRK 4/2A OG	Qty.	100
Cat. no.	3515.3		

Type colour	ZRK 4/2A BG	Qty.	100
Cat. no.	3515.2		
Type colour	ZRK 4/2A BU	Qty.	100
Cat. no.	3515.5		
Type colour	ZRK 4/2A OG	Qty.	100
Cat. no.	3515.3		

Type colour	ZSL 4/2A GNYE	Qty.	100
Cat. no.	3525.2		

Type colour	ZRK 4/3A BG	Qty.	100
Cat. no.	3516.2		
Type colour	ZRK 4/3A BU	Qty.	100
Cat. no.	3516.5		
Type colour	ZRK 4/3A OG	Qty.	100
Cat. no.	3516.3		

Colours available



Ratings

Rated voltage, V	800	600	600
Rated current, A	32	35	35
Rated wire cross-section, mm <sup>2</sup>   AWG	4   20-10		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A4   V0		

Rated voltage, V	800	600	600
Rated current, A	32	35	35
Rated wire cross-section, mm <sup>2</sup>   AWG	4   20-10		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A4   V0		

Rated voltage, V	800	600	600
Rated current, A	32	35	35
Rated wire cross-section, mm <sup>2</sup>   AWG	4   20-10		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A4   V0		

Rated voltage, V	800	600	600
Rated current, A	32	35	35
Rated wire cross-section, mm <sup>2</sup>   AWG	4   20-10		
Rated impulse voltage, kV   Contamination degree	8   3		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A4   V0		

Connection data

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-6   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.6-6   0.5-4
Contact wire range, mm <sup>2</sup>	0.08-6
Stripping length, mm	12

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-6   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.6-6   0.5-4
Contact wire range, mm <sup>2</sup>	0.08-6
Stripping length, mm	12

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-6   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.6-6   0.5-4
Contact wire range, mm <sup>2</sup>	0.08-6
Stripping length, mm	12

Single wire (solid)   stranded (stranded) mm <sup>2</sup>	0.5-6   -
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm <sup>2</sup>	0.6-6   0.5-4
Contact wire range, mm <sup>2</sup>	0.08-6
Stripping length, mm	12

Features

Material of insulated housing | Temperature range  
Number of cross-connection channels | Test pick-off

PA 6.6 | -40 to +120°C  
2 | 2

PA 6.6 | -40 to +120°C  
0 | 2

PA 6.6 | -40 to +120°C  
2 | 2

Accessories

End plate AP	ZAP 4/2A BG	Page	Qty.	280	50
Cat. no.	3703.2				
Insulated cross-connector ZQI	ZQI 4/2 YE	Page	Qty.	308	50
Cat. no.	3720.8				
Insulated cross-connector ZQI	ZQI 4/3 YE	Page	Qty.	308	50
Cat. no.	3721.8				
Insulated cross-connector ZQI	ZQI 4/4 YE	Page	Qty.	308	20
Cat. no.	3722.8				
Insulated cross-connector ZQI	ZQI 4/5 YE	Page	Qty.	308	20
Cat. no.	3723.8				
Insulated cross-connector ZQI	ZQI 4/6 YE	Page	Qty.	308	20
Cat. no.	3724.8				
Insulated cross-connector ZQI	ZQI 4/7 YE	Page	Qty.	308	20
Cat. no.	3725.8				
Insulated cross-connector ZQI	ZQI 4/8 YE	Page	Qty.	308	10
Cat. no.	3726.8				
Insulated cross-connector ZQI	ZQI 4/9 YE	Page	Qty.	308	10
Cat. no.	3727.8				
Insulated cross-connector ZQI	ZQI 4/10 YE	Page	Qty.	308	10
Cat. no.	3728.8				
Four-way cover ZAD	ZAD 4/4/B YE	Page	Qty.	315	20
Cat. no.	3707.0				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	3748.2				
Test adapter ZTA	ZTA 4	Page	Qty.	320	10
Cat. no.	3741.2				
Screwdriver / Metal actuating tool BWMA	SDB 0.6x3.5	Page	Qty.	422	1
Cat. no.	1086.0				
Quick marking PMC SB	PMC SB 6/50 WH	Page	Qty.	340	500
Cat. no.	4702.7				

End plate AP	ZAP 4/2A BG	Page	Qty.	280	50
Cat. no.	3703.2				
Insulated cross-connector ZQI	ZQI 4/2 YE	Page	Qty.	308	50
Cat. no.	3720.8				
Insulated cross-connector ZQI	ZQI 4/3 YE	Page	Qty.	308	50
Cat. no.	3721.8				
Insulated cross-connector ZQI	ZQI 4/4 YE	Page	Qty.	308	20
Cat. no.	3722.8				
Insulated cross-connector ZQI	ZQI 4/5 YE	Page	Qty.	308	20
Cat. no.	3723.8				
Insulated cross-connector ZQI	ZQI 4/6 YE	Page	Qty.	308	20
Cat. no.	3724.8				
Insulated cross-connector ZQI	ZQI 4/7 YE	Page	Qty.	308	20
Cat. no.	3725.8				
Insulated cross-connector ZQI	ZQI 4/8 YE	Page	Qty.	308	10
Cat. no.	3726.8				
Insulated cross-connector ZQI	ZQI 4/9 YE	Page	Qty.	308	10
Cat. no.	3727.8				
Insulated cross-connector ZQI	ZQI 4/10 YE	Page	Qty.	308	10
Cat. no.	3728.8				
Four-way cover ZAD	ZAD 4/4/B YE	Page	Qty.	315	20
Cat. no.	3707.0				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	3748.2				
Test adapter ZTA	ZTA 4	Page	Qty.	320	10
Cat. no.	3741.2				
Screwdriver / Metal actuating tool BWMA	SDB 0.6x3.5	Page	Qty.	422	1
Cat. no.	1086.0				
Quick marking PMC SB	PMC SB 6/50 WH	Page	Qty.	340	500
Cat. no.	4702.7				


End plate AP	ZAP 4/2A GN	Page	Qty.	280	50
Cat. no.	3703.1				
Insulated cross-connector ZQI	ZQI 4/2 YE	Page	Qty.	308	50
Cat. no.	3720.8				
Insulated cross-connector ZQI	ZQI 4/3 YE	Page	Qty.	308	50
Cat. no.	3721.8				
Insulated cross-connector ZQI	ZQI 4/4 YE	Page	Qty.	308	20
Cat. no.	3722.8				
Insulated cross-connector ZQI	ZQI 4/5 YE	Page	Qty.	308	20
Cat. no.	3723.8				
Insulated cross-connector ZQI	ZQI 4/6 YE	Page	Qty.	308	20
Cat. no.	3724.8				
Insulated cross-connector ZQI	ZQI 4/7 YE	Page	Qty.	308	20
Cat. no.	3725.8				
Insulated cross-connector ZQI	ZQI 4/8 YE	Page	Qty.	308	10
Cat. no.	3726.8				
Insulated cross-connector ZQI	ZQI 4/9 YE	Page	Qty.	308	10
Cat. no.	3727.8				
Insulated cross-connector ZQI	ZQI 4/10 YE	Page	Qty.	308	10
Cat. no.	3728.8				
Four-way cover ZAD	ZAD 4/4/B YE	Page	Qty.	315	20
Cat. no.	3707.0				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	3748.2				
Test adapter ZTA	ZTA 4	Page	Qty.	320	10
Cat. no.	3741.2				
Screwdriver / Metal actuating tool BWMA	SDB 0.6x3.5	Page	Qty.	422	1
Cat. no.	1086.0				
Quick marking PMC SB	PMC SB 6/50 WH	Page	Qty.	340	500
Cat. no.	4702.7				

End plate AP	ZAP 4/3A BG	Page	Qty.	280	50
Cat. no.	3704.2				
Insulated cross-connector ZQI	ZQI 4/2 YE	Page	Qty.	308	50
Cat. no.	3720.8				
Insulated cross-connector ZQI	ZQI 4/3 YE	Page	Qty.	308	50
Cat. no.	3721.8				
Insulated cross-connector ZQI	ZQI 4/4 YE	Page	Qty.	308	20
Cat. no.	3722.8				
Insulated cross-connector ZQI	ZQI 4/5 YE	Page	Qty.	308	20
Cat. no.	3723.8				
Insulated cross-connector ZQI	ZQI 4/6 YE	Page	Qty.	308	20
Cat. no.	3724.8				
Insulated cross-connector ZQI	ZQI 4/7 YE	Page	Qty.	308	20
Cat. no.	3725.8				
Insulated cross-connector ZQI	ZQI 4/8 YE	Page	Qty.	308	10
Cat. no.	3726.8				
Insulated cross-connector ZQI	ZQI 4/9 YE	Page	Qty.	308	10
Cat. no.	3727.8				
Insulated cross-connector ZQI	ZQI 4/10 YE	Page	Qty.	308	10
Cat. no.	3728.8				
Four-way cover ZAD	ZAD 4/4/B YE	Page	Qty.	315	20
Cat. no.	3707.0				
End stop ZES	ZES 35 BG	Page	Qty.	275	50
Cat. no.	3748.2				
Test adapter ZTA	ZTA 4	Page	Qty.	320	10
Cat. no.	3741.2				
Screwdriver / Metal actuating tool BWMA	SDB 0.6x3.5	Page	Qty.	422	1
Cat. no.	1086.0				
Quick marking PMC SB	PMC SB 6/50 WH	Page	Qty.	340	500
Cat. no.	4702.7				

ZSL 4/3A	ZRK 4/4A	ZSL 4/4A	ZRK 4/2x2A	
Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections	Feed-through terminal 2 x 2 connections	
<b>Tension-spring</b> 78.5 x 6.1 x 42	<b>Tension-spring</b> 93 x 6.1 x 42	<b>Tension-spring</b> 93 x 6.1 x 42	<b>Tension-spring</b> 93 x 6.1 x 42	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
ZSL 4/3A GNYE <b>3526.2</b> 100	ZRK 4/4A BG <b>3517.2</b> 100 ZRK 4/4A BU <b>3517.5</b> 100 ZRK 4/4A OG <b>3517.3</b> 100	ZSL 4/4A GNYE <b>3527.2</b> 100	ZRK 4/2x2A BG <b>3518.2</b> 100 ZRK 4/2x2A BU <b>3518.5</b> 100 ZRK 4/2x2A OG <b>3518.3</b> 100	
<b>2</b>	<b>2 5 3 1 9</b>	<b>2</b>	<b>2 5 3</b>	
<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	
800 600 600	800 600 600	800 600 600	800 600 600	
32 35 35	32 35 35	32 35 35	32 35 35	
4   20-10	4   20-10	4   20-10	4   20-10	
8   3	8   3	8   3	8   3	
A4   VO	A4   VO	A4   VO	A4   VO	
0.5-6   -	0.5-6   -	0.5-6   -	0.5-6   -	
0.6-6   0.5-4	0.6-6   0.5-4	0.6-6   0.5-4	0.6-6   0.5-4	
0.08-6	0.08-6	0.08-6	0.08-6	
12	12	12	12	
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	
0   2	2   2	0   2	0   2	
<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>	
ZAP 4/3A GN <b>3704.1</b> 280 50	ZAP 4/4A BG <b>3705.2</b> 280 50 ZQI 4/2 YE <b>3720.8</b> 308 50 ZQI 4/3 YE <b>3721.8</b> 308 50 ZQI 4/4 YE <b>3722.8</b> 308 20 ZQI 4/5 YE <b>3723.8</b> 308 20 ZQI 4/6 YE <b>3724.8</b> 308 20 ZQI 4/7 YE <b>3725.8</b> 308 20 ZQI 4/8 YE <b>3726.8</b> 308 10 ZQI 4/9 YE <b>3727.8</b> 308 10 ZQI 4/10 YE <b>3728.8</b> 308 10	ZAP 4/4A GN <b>3705.1</b> 280 50	ZAP 4/4A BG <b>3705.2</b> 280 50	
ZAD 4/4/B YE <b>3707.0</b> 315 20	ZAD 4/4/B YE <b>3707.0</b> 315 20	ZAD 4/4/B YE <b>3707.0</b> 315 20	ZAD 4/4/B YE <b>3707.0</b> 315 20	
ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	ZES 35 BG <b>3748.2</b> 275 50	
ZTA 4 <b>3741.2</b> 320 10	ZTA 4 <b>3741.2</b> 320 10	ZTA 4 <b>3741.2</b> 320 10	ZTA 4 <b>3741.2</b> 320 10	
SDB 0.6x3.5 <b>1086.0</b> 422 1	SDB 0.6x3.5 <b>1086.0</b> 422 1	SDB 0.6x3.5 <b>1086.0</b> 422 1	SDB 0.6x3.5 <b>1086.0</b> 422 1	
PMC SB 6/50 WH <b>4702.7</b> 340 500	PMC SB 6/50 WH <b>4702.7</b> 340 500	PMC SB 6/50 WH <b>4702.7</b> 340 500	PMC SB 6/50 WH <b>4702.7</b> 340 500	

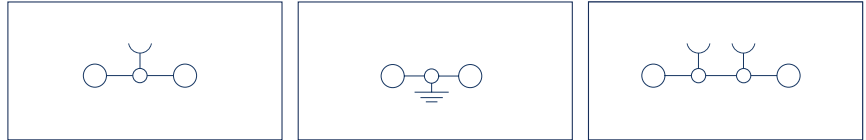
Feed-through terminals ZRK | Protective earth terminals ZSL

**Tension-spring connection system**



- Foot can be snapped on TS35 DIN rails
- Housing made from polyamide 6.6 UL 94-V0

**Connection diagram**



Feed-through terminal  
2 connections

Protective earth terminal  
2 connections

Feed-through terminal  
2 connections

**Connection type**  
Size (L x W x H) with TS 35 x 7.5 mm

**Type**

Type colour  
**Cat. no.**

Type colour  
**Cat. no.**

Type colour  
**Cat. no.**

Type colour  
**Cat. no.**

Colours available

**Ratings**

Rated voltage, V

Rated current, A

Rated wire cross-section, mm<sup>2</sup> | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

**Connection data**

Single wire (solid) | stranded (stranded) mm<sup>2</sup>

Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm<sup>2</sup>

Contact wire range, mm<sup>2</sup>

Stripping length, mm

**Features**

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off

**Accessories**

End plate AP  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

Insulated cross-connector ZQI  
**Cat. no.**

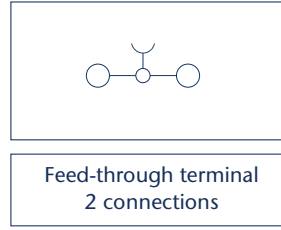
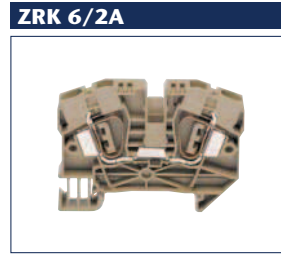
Four-way cover ZAD  
**Cat. no.**

End stop ZES  
**Cat. no.**

Test adapter ZTA  
**Cat. no.**

Screwdriver / Metal actuating tool BWMA  
**Cat. no.**

Quick marking PMC SB  
**Cat. no.**



**Tension-spring**  
65 x 8.1 x 47.5

	Qty.
ZRK 6/2A BG <b>3581.2</b>	100
ZRK 6/2A BU <b>3581.5</b>	100
ZRK 6/2A OG <b>3581.3</b>	100

② ⑤ ③ ① ⑨

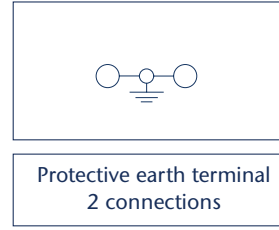
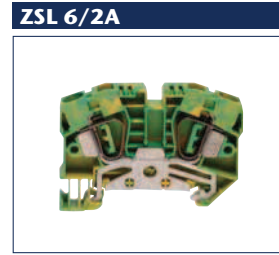
IEC	CSAus	CSA
1000	600	600
41	50	50
6   22-8		
8   3		
A5   V0		

0.5-10   -
0.5-10   0.5-6
0.5-10
13

PA 6.6 | -40 to +120°C

1 | 2

	Page	Qty.
ZAP 6/2A BG <b>3760.2</b>	281	20
ZQI 6/2 YE <b>3763.8</b>	309	50
ZQI 6/3 YE <b>3764.8</b>	309	50
ZQI 6/4 YE <b>3765.8</b>	309	20
ZQI 6/5 YE <b>3766.8</b>	309	20
ZQI 6/6 YE <b>3767.8</b>	309	20
ZQI 6/7 YE <b>3768.8</b>	309	20
ZQI 6/8 YE <b>3769.8</b>	309	10
ZQI 6/9 YE <b>3770.8</b>	309	10
ZQI 6/10 YE <b>3771.8</b>	309	10
ZAD 6/4/B YE <b>3708.0</b>	315	20
ZES 35 BG <b>3748.2</b>	275	50
ZTA 6 <b>3772.2</b>	321	10
SDB 0,8x4,0 <b>1087.0</b>	422	1
PMC SB 8/40 WH <b>9323.7</b>	342	400



**Tension-spring**  
65 x 8.1 x 47.5

	Qty.
ZSL 6/2A GNYE <b>3589.2</b>	100

②

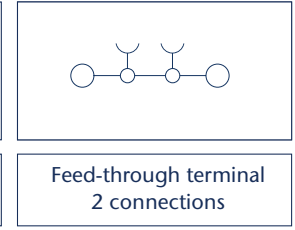
IEC	CSAus	CSA
1000	500	500
57	55	55
6   22-8		
8   3		
A5   V0		

0.5-10   -
0.5-10   0.5-6
0.5-10
13

PA 6.6 | -40 to +120°C

0 | 2

	Page	Qty.
ZAP 6/2 GN <b>3760.1</b>	281	20
ZAD 6/4/B YE <b>3708.0</b>	315	20
ZES 35 BG <b>3748.2</b>	275	50
ZTA 6 <b>3772.2</b>	321	10
SDB 0,8x4,0 <b>1087.0</b>	422	1
PMC SB 8/40 WH <b>9323.7</b>	342	400



**Tension-spring**  
73.5 x 10.1 x 50.5

	Qty.
ZRK 10/2A BG <b>3597.2</b>	50
ZRK 10/2A BU <b>3597.5</b>	50
ZRK 10/2A OG <b>3597.3</b>	50

② ⑤ ③ ①

IEC	CSAus	CSA
1000	500	500
57	55	55
10   16-6		
8   3		
B6   V0		

1,5-16   1,5-16
1,5-10   1,5-10
1,5-16
18

PA 6.6 | -40 to +120°C

2 | 2

	Page	Qty.
ZAP 10/2A BG <b>3788.2</b>	281	20
ZQI 10/2 YE <b>3789.8</b>	309	20
ZAD 10/4/B YE <b>3709.0</b>	315	20
ZES 35 BG <b>3748.2</b>	275	50
ZTA 10 <b>3790.2</b>	321	10
SDB 0,8x4,0 <b>1087.0</b>	422	1
PMC SB 8/40 WH <b>9323.7</b>	342	400

ZSL 10/2A	ZRK 16/2A	ZSL 16/2A		
Protective earth terminal 2 connections	Feed-through terminal 2 connections	Protective earth terminal 2 connections		
<b>Tension-spring</b> 73.5 x 10.1 x 50.5	<b>Tension-spring</b> 81.5 x 12.1 x 51.5	<b>Tension-spring</b> 81.5 x 12.1 x 51.5		
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>		
ZSL 10/2A GNYE <b>3598.2</b> 50	ZRK 16/2A BG <b>3636.2</b> 50 ZRK 16/2A BU <b>3636.5</b> 50 ZRK 16/2A OG <b>3636.3</b> 50	ZSL 16/2A GNYE <b>3637.2</b> 50		
<b>2</b>	<b>2, 5, 3, 1, 9</b>	<b>2</b>		
<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>		
10   16-6 8   3 B6   V0	1000 1000 1000 76 65 65 16   14-4 8   3 A7   V0	16   14-4 8   3 A7   V0		
1.5-16   1.5-16 1.5-10   1.5-10 1.5-16 18	1.5-16   1.5-25 1.5-16   1.5-16 1.5-25 18	1.5-16   1.5-25 1.5-16   1.5-16 1.5-25 18		
PA 6.6   -40 to +120°C 0   2	PA 6.6   -40 to +120°C 2   2	PA 6.6   -40 to +120°C 0   2		
<b>Page Qty.</b>	<b>Page Qty.</b>	<b>Page Qty.</b>		
ZAP 10/2A GN <b>3788.1</b> 281 20	ZAP 16/2A BG <b>3799.2</b> 281 20 ZQI 16/2 YE <b>3800.8</b> 309 20	ZAP 16/2A GN <b>3799.1</b> 281 20		
ZAD 10/4/B YE <b>3709.0</b> 315 20 ZES 35 BG <b>3748.2</b> 275 50 ZTA 10 <b>3790.2</b> 321 10 SDB 0,8x4,0 <b>1087.0</b> 422 1 PMC SB 8/40 WH <b>9323.7</b> 342 400	ZAD 16/4/B YE <b>3801.0</b> 315 20 ZES 35 BG <b>3748.2</b> 275 50 ZTA 16 <b>3810.2</b> 321 10 SDB 0,8x4,0 <b>1087.0</b> 422 1 PMC SB 8/40 WH <b>9323.7</b> 342 400	ZAD 16/4/B YE <b>3801.0</b> 315 20 ZES 35 BG <b>3748.2</b> 275 50 ZTA 16 <b>3810.2</b> 321 10 SDB 0,8x4,0 <b>1087.0</b> 422 1 PMC SB 8/40 WH <b>9323.7</b> 342 400		