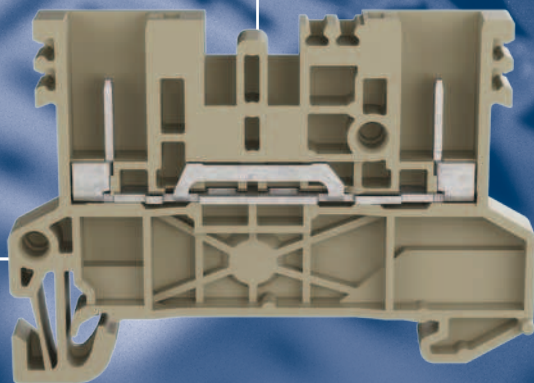
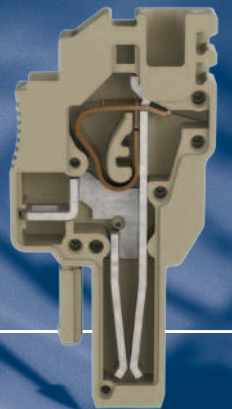
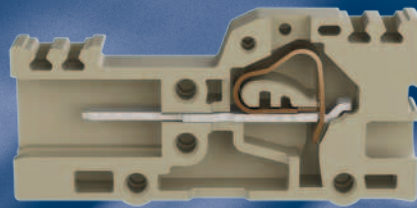
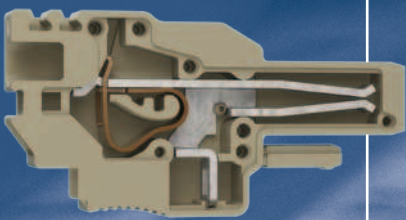


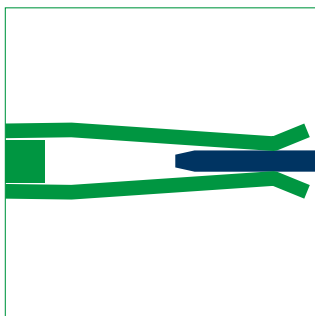
CONTA-CONNECT

PLUGGABLE TENSION-SPRING CONNECTION SYSTEM ZST



Pluggable tension-spring connection system ZST

Fast – safe – reliable

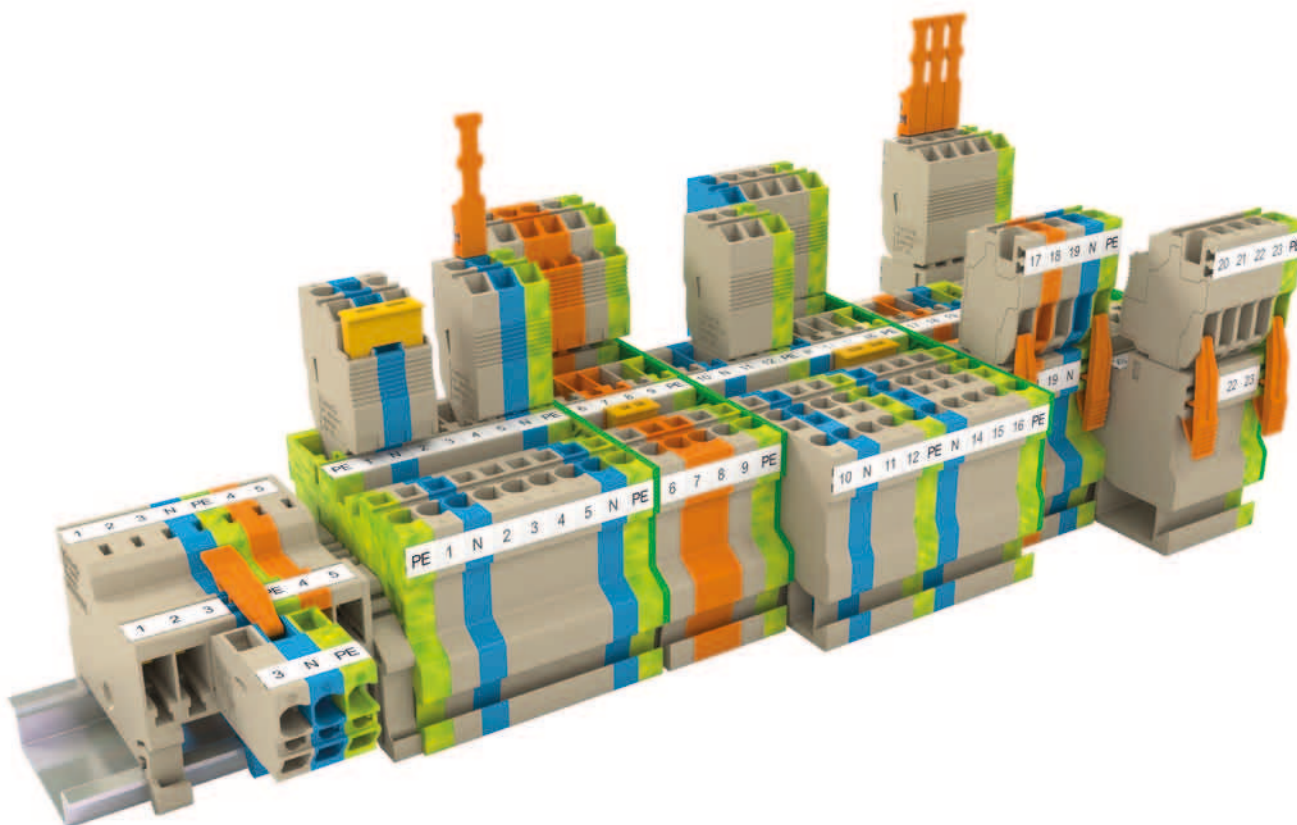


CONTA-CLIP modular and flexible connection technology **ZST** is demanded wherever off-the-shelf units need to be connected and/or replaced. Using the tension-spring connection system **ZST**, pluggable wiring is possible up to a rated current of 24 A, a rated voltage of 500 V, and a cross-section range of 0.5 mm² to 4 mm².

Advantages of the ZST connection:

- Quick installation and mounting
- Flexible and modular building block principle
- High level of wiring safety due to unique coding option
- Highest mechanical stability of the pluggable elements in the base terminals

A terminal block for functional unity, a plug-in connector for the cable harness.



Pluggable tension-spring connection system ZST

Fast – safe – reliable

a The connection | Contact security

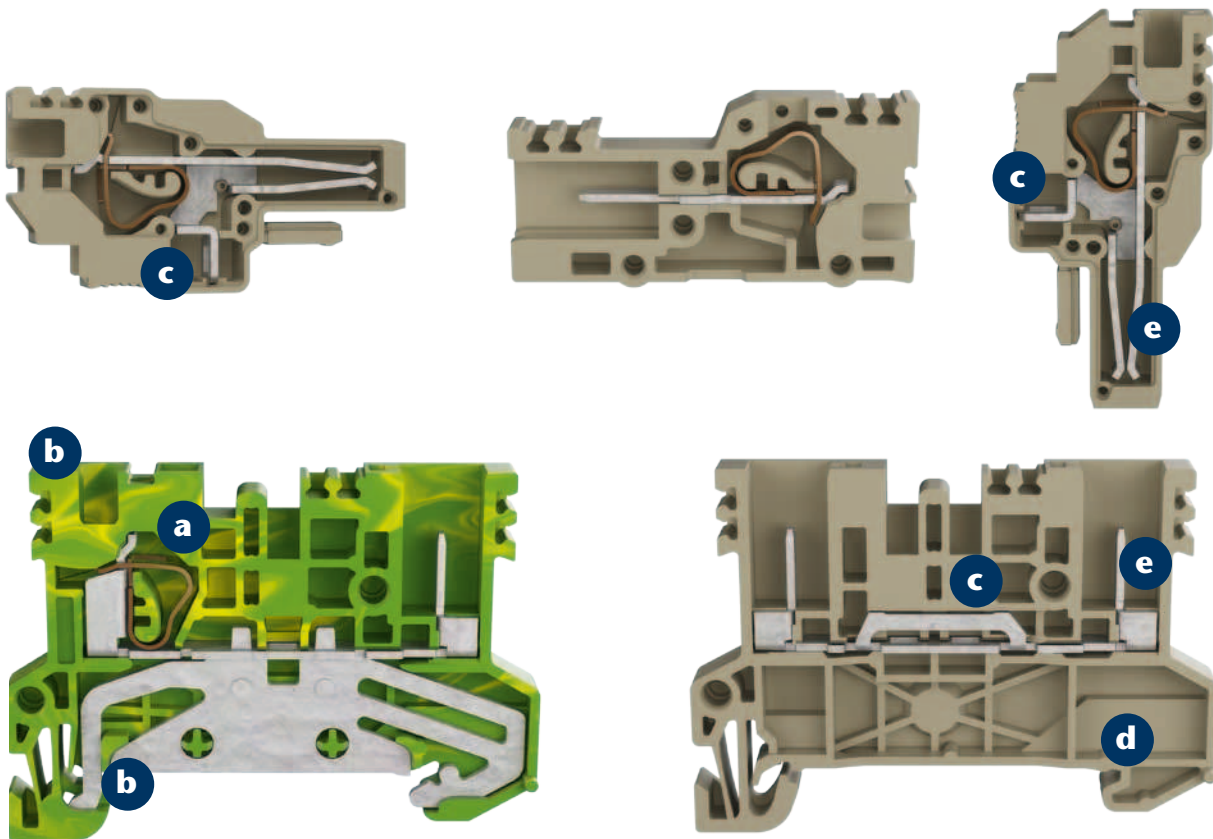
The tension-spring at the wire connection is held securely by the positioned busbar.

- 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

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

- Available in 2 – 10 and 99 poles (for custom assemblies)
- Simple to insert and thus quicker to install
- No insulation plates or partition plates required between neighbouring cross-connections, since the ZQIs have 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, flammability class V0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Temperature resistant -40 °C to +120 °C

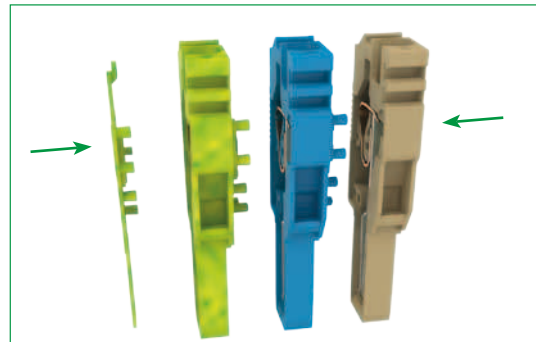
e Pluggable contact

- Rated current 24A
- Rated voltage 500V
- Vibration resistant
- Codable

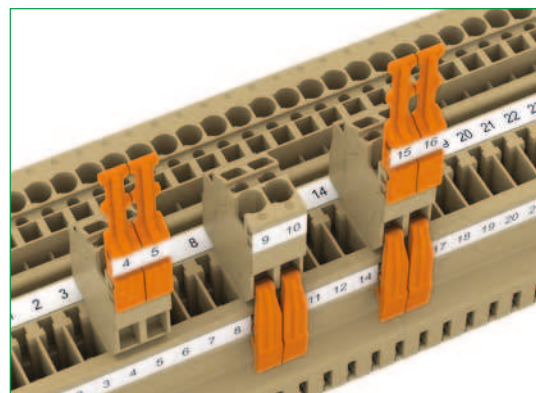
Pluggable tension-spring connection system ZST

Fast – safe – reliable

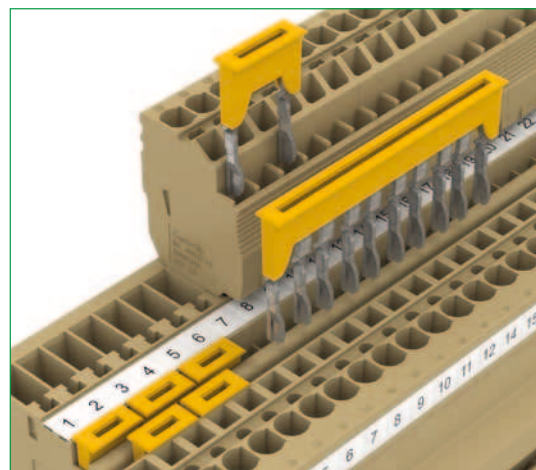
The basic terminal and the pluggable version can be individually linked and configured according to the application.



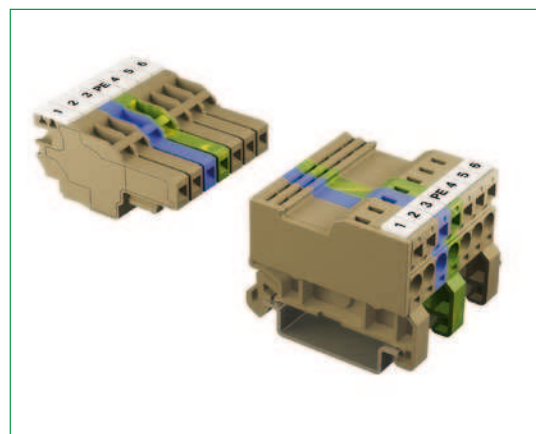
The basic terminal and the plug can be fitted additionally with a snap-in locking-latch. Also a snap-in strain relief offers the connected wires a stable mechanical connection and a strain relief on the terminal block.



Distributing potentials is quick and easy with the pluggable **ZQI** cross-connection system. It is possible to skip over terminals by breaking out individual contact elements.



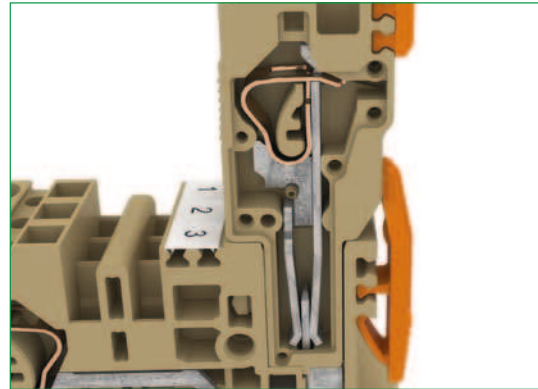
The plug coupling is suitable for minimal height applications. The **ZSTK 2.5** couplings are available for DIN rail brackets TS 15 and TS 35 or as flying leads.



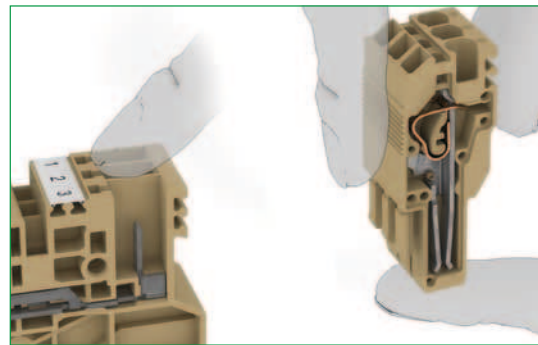
Pluggable tension-spring connection system ZST

Fast – safe – reliable

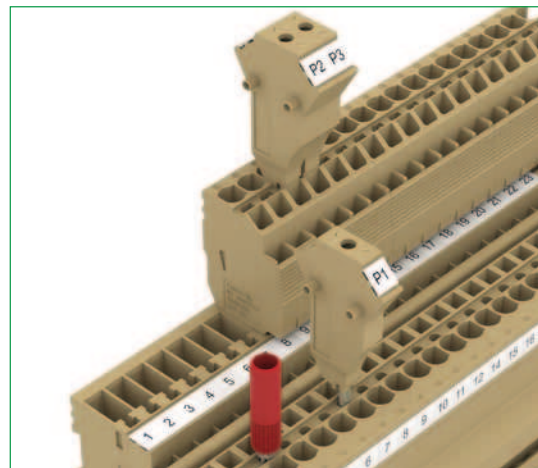
The special composition of the contact material and shape of the contact spring guarantees a secure contact even in the most extreme vibration conditions.



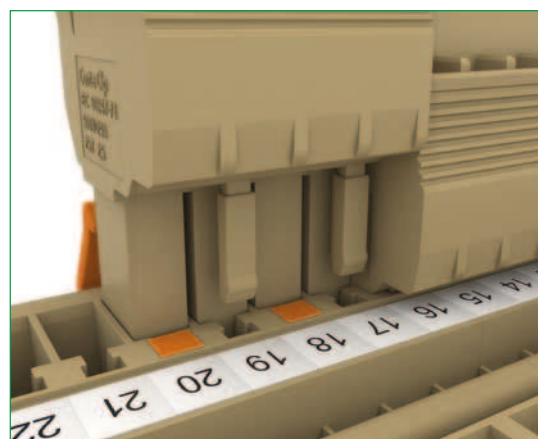
The basic terminal and the pluggable version are constructed to be finger-touch safe. This characteristic offers the user high protection as well as the possibility to feed-in via the terminal or the plug.



A direct measurement can be carried out at the busbar on the corresponding terminal by using a test plug. The test adapters can be assembled to any pole count using the locking pegs. They can be used to test assembled terminal blocks in a quick and safe manner.

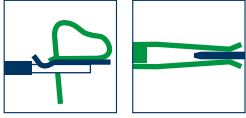


Using the **CONTA-CLIP** coding system the users base terminals and plug couplings can be safely coded against plugging errors—without loss of poles.



Pluggable tension-spring connection system ZST

Pluggable tension-spring connection system



- Flexible mounts TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

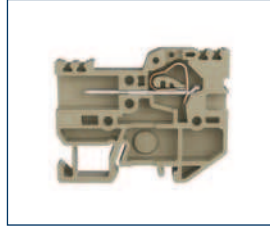
Connection diagram

ZSTK 2.5/1A/1S-H/B



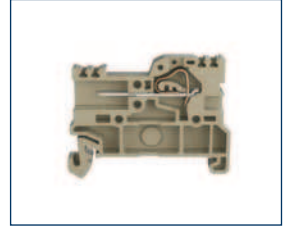
Horizontal plug coupling

ZSTK 2.5/1A/1S-H/15



Horizontal plug coupling
TS 15

ZSTK 2.5/1A/1S-H/35



Horizontal plug coupling
TS 35

Connection type

Dimensions (L x W x H), mm
Size (L x W x H) mm with TS 15 x 5.5 mm
Size (L x W x H) mm with TS 35 x 7.5 mm

Type

Type / colour
Cat. no.
Type colour with housing pegs
Cat. no.
Type/Colour block version
Cat. no.

Colours available

Ratings

Rated voltage, V
Rated current, A
Rated wire cross-section, mm² | 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 (flexible) mm²
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²
Clamping area, mm²
Stripping length, mm

Features

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

Accessories

End plate ZAPSK
Cat. no.
Locking
Cat. no.
Strain relief
Cat. no.
Codable
Cat. no.
Insulated cross-connector ZQI
Order No. 2-pole
Insulated cross-connector ZQI
Order No. 3-pole
Insulated cross-connector ZQI
Order No. 4-pole
Insulated cross-connector ZQI
Order No. 5-pole
Insulated cross-connector ZQI
Order No. 6-pole
Insulated cross-connector ZQI
Order No. 7-pole
Insulated cross-connector ZQI
Order No. 8-pole
Insulated cross-connector ZQI
Order No. 9-pole
Insulated cross-connector ZQI
Order No. 10-pole
Insulated cross-connector ZQI
Order No. 99-pole
Four-way cover ZAD
Cat. no.
ZES end stop
Cat. no.
Metal actuating tool BWMA
Cat. no.
PMC SB quick marking
Cat. no.

Tension-spring connection

40 x 5.1 x 19

Qty.

ZSTK 2.5/1A/1S-H/B BG
3678.2 100
ZSTK 2.5/1A/1S-H/Z/B BG
3679.2 100

IEC* UL* CSA*

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPSK 2.5/1A/1S BG
3686.2 20
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

ZAD 2.5/4/B YE
3706.0 20

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

Tension-spring connection

40 x 5.1 x 32
40 x 5.1 x 33

Qty.

ZSTK 2.5/1A/1S-H/15 BG
3676.2 100
ZSTK 2.5/1A/1S-H/Z/15 BG
3677.2 100
ZSTK 2.5/1A/1S-H/Z/B/15 BG
3668.2 100

IEC* UL* CSA*

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPSK 2.5/1A/1S BG
3686.2 20
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

ZAD 2.5/4/B YE
3706.0 20

ZES 15 BG
3811.2 50

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

Tension-spring connection

44 x 5.1 x 30

Qty.

ZSTK 2.5/1A/1S-H/35 BG
3674.2 100
ZSTK 2.5/1A/1S-H/Z/35 BG
3675.2 100
ZSTK 2.5/1A/1S-H/Z/B/35 BG
3667.2 100

IEC* UL* CSA*

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPSK 2.5/1A/1S BG
3686.2 20
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

ZAD 2.5/4/B YE
3706.0 20

ZES 35/2 BG
3811.2 50

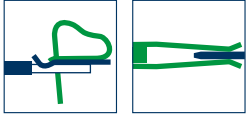
BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

* Approval applied for

Pluggable tension-spring connection system ZST

Pluggable tension-spring connection system



- Flexible mounts TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

Connection diagram

ZST 2.5/1A



Plug

ZST 2.5/1A/Q



Plug cross-connection

Connection type

Dimensions (L x W x H), mm
Dimensions (L x W x H), mm inserted

Type

Type / colour
Cat. no.
Type colour with housing pegs
Cat. no.
Type / colour
Cat. no.

Colours available

Ratings

Rated voltage, V
Rated current, A
Rated wire cross-section, mm² | 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 (flexible) mm²
Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²
Clamping area, mm²
Stripping length, mm

Features

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

Accessories

End plate ZAPSK
Cat. no.

Locking

Strain relief
Cat. no.

Codable
Cat. no.

Insulated cross-connector ZQI
Order No. 2-pole

Insulated cross-connector ZQI
Order No. 3-pole

Insulated cross-connector ZQI
Order No. 4-pole

Insulated cross-connector ZQI
Order No. 5-pole

Insulated cross-connector ZQI
Order No. 6-pole

Insulated cross-connector ZQI
Order No. 7-pole

Insulated cross-connector ZQI
Order No. 8-pole

Insulated cross-connector ZQI
Order No. 9-pole

Insulated cross-connector ZQI
Order No. 10-pole

Insulated cross-connector ZQI
Order No. 99-pole

Four-way cover ZAD
Cat. no.

ZES end stop
Cat. no.

Screwdriver / Metal actuating tool BWMA
Cat. no.

PMC SB quick marking
Cat. no.

Tension-spring connection

42 x 5.1 x 16.5
26 x 5.1 x 16.5

Qty.

ZST 2.5/1A BG
3670.2 100
ZST 2.5/1A/Z BG
3671.2 100

② ③ ④ ⑤

IEC* **UL*** **CSA***
500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5
0.5-4
10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPST 2.5/1A BG
3684.2 20

ZST-Z OG
3688.3 50

Tension-spring connection

42 x 5.1 x 21
26 x 5.1 x 21

Qty.

ZST 2.5/1A/Q BG
3672.2 100
ZSTK 2.5/1A/Q/Z BG
3673.2 100

② ③ ④ ⑤

IEC* **UL*** **CSA***
500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5
0.5-4
10

PA 6.6 | -40 to +120°C
1 | 1

Qty.

ZAPST 2.5/1A/Q BG
3685.2 20

ZST-Z OG
3688.3 50

ZQI 2.5/2 YE
3710.8 50

ZQI 2.5/3 YE
3711.8 50

ZQI 2.5/4 YE
3712.8 50

ZQI 2.5/5 YE
3713.8 20

ZQI 2.5/6 YE
3714.8 20

ZQI 2.5/7 YE
3715.8 20

ZQI 2.5/8 YE
3716.8 10

ZQI 2.5/9 YE
3717.8 10

ZQI 2.5/10 YE
3718.8 10

ZQI 2.5/0.5 w/99 poles YE
3719.8 1

ZAD 2.5/4/B YE
3706.0 20

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

Pluggable tension-spring connection system ZST

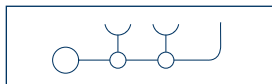
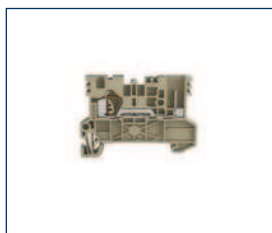
Pluggable tension-spring connection system



- Flexible mounts TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

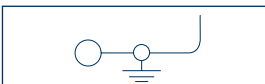
Connection diagram

ZRKS 2.5/1A/1S



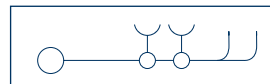
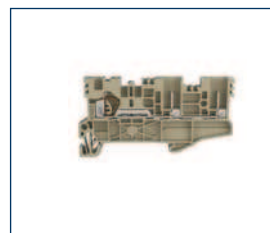
Feed-through terminal
2 connections

ZSLS 2.5/1A/1S



PE terminal
2 connections

ZRKS 2.5/1A/2S



Feed-through terminal
3 connections

Connection type

Dimensions (L x W x H), mm
Size (L x W x H) mm with TS 15 x 5.5 mm

Type

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, mm² | 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 (flexible) mm²

Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²

Clamping area, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPS

Cat. no.

Locking

Cat. no.

Locking inside

Cat. no.

Codable

Cat. no.

Insulated cross-connector ZQI

Order No. 2-pole

Insulated cross-connector ZQI

Order No. 3-pole

Insulated cross-connector ZQI

Order No. 4-pole

Insulated cross-connector ZQI

Order No. 5-pole

Insulated cross-connector ZQI

Order No. 6-pole

Insulated cross-connector ZQI

Order No. 7-pole

Insulated cross-connector ZQI

Order No. 8-pole

Insulated cross-connector ZQI

Order No. 9-pole

Insulated cross-connector ZQI

Order No. 10-pole

Insulated cross-connector ZQI

Order No. 99-pole

Test adapters

Cat. no.

Four-way cover ZAD

Cat. no.

ZES end stop

Cat. no.

Metal actuating tool BWMA

Cat. no.

PMC SB quick marking

Cat. no.

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

-

Qty.

ZRKS 2.5/1A/1S BG

3650.2 100

ZRKS 2.5/1A/1S BU

3650.5 100

ZRKS 2.5/1A/1S OG

3650.3 100

② ③ ⑤

IEC* UL* CSA*

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C

2 | 1

Qty.

ZAPS 2.5/1A/1S BG

3680.1 20

ZST-V OG

3687.3 50

ZST-C OG

3689.3 50

ZQI 2.5/2 YE

3710.8 50

ZQI 2.5/3 YE

3711.8 50

ZQI 2.5/4 YE

3712.8 50

ZQI 2.5/5 YE

3713.8 20

ZQI 2.5/6 YE

3714.8 20

ZQI 2.5/7 YE

3715.8 20

ZQI 2.5/8 YE

3716.8 10

ZQI 2.5/9 YE

3717.8 10

ZQI 2.5/10 YE

3718.8 10

ZQI 2.5/0.5 w/99 poles YE

3719.8 1

ZTA 2.5 BG

3740.2 10

ZAD 2.5/4/B YE

3706.0 20

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

3808.0 1

PMC SB 5/50 WH

4600.7 500

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

-

Qty.

ZSLS 2.5/1A/1S GNYE

3660.2 100

②

IEC* UL* CSA*

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C

1 | 1

Qty.

ZAPS 2.5/1A/1S GN

3680.1 20

ZST-V OG

3687.3 50

ZST-C OG

3689.3 50

ZQI 2.5/2 YE

3710.8 50

ZQI 2.5/3 YE

3711.8 50

ZQI 2.5/4 YE

3712.8 50

ZQI 2.5/5 YE

3713.8 20

ZQI 2.5/6 YE

3714.8 20

ZQI 2.5/7 YE

3715.8 20

ZQI 2.5/8 YE

3716.8 10

ZQI 2.5/9 YE

3717.8 10

ZQI 2.5/10 YE

3718.8 10

ZQI 2.5/0.5 w/99 poles YE

3719.8 1

ZTA 2.5 BG

3740.2 10

ZAD 2.5/4/B YE

3706.0 20

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

3808.0 1

PMC SB 5/50 WH

4600.7 500

Tension-spring connection

72.5 x 5.1 x 38.5

72.5 x 5.1 x 39.5

-

Qty.

ZRKS 2.5/1A/2S BG

3651.2 100

ZRKS 2.5/1A/2S BU

3651.5 100

ZRKS 2.5/1A/2S OG

3651.3 100

② ③ ⑤

IEC* UL* CSA*

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C

2 | 1

Qty.

ZAPS 2.5/1A/2S BG

3681.2 20

ZST-V OG

3687.3 50

ZST-V-I OG

3690.3 50

ZST-C OG

3689.3 50

ZQI 2.5/2 YE

3710.8 50

ZQI 2.5/3 YE

3711.8 50

ZQI 2.5/4 YE

3712.8 50

ZQI 2.5/5 YE

3713.8 20

ZQI 2.5/6 YE

3714.8 20

ZQI 2.5/7 YE

3715.8 20

ZQI 2.5/8 YE

3716.8 10

ZQI 2.5/9 YE

3717.8 10

ZQI 2.5/10 YE

3718.8 10

ZQI 2.5/0.5 w/99 poles YE

3719.8 1

ZTA 2.5 BG

3740.2 10

ZAD 2.5/4/B YE

3706.0 20

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

3808.0 1</

Pluggable tension-spring connection system ZST

ZSLS 2.5/1A/2S	ZRKS 2.5/2A/1S	ZSLS 2.5/2A/1S	ZRKS 2.5/2A/2S	ZSLS 2.5/2A/2S
PE terminal 3 connections	Feed-through terminal 3 connections	PE terminal 3 connections	Feed-through terminal 4 connections	PE terminal 4 connections
Tension-spring connection 72.5 x 5.1 x 38.5 72.5 x 5.1 x 39.5	Tension-spring connection 64 x 5.1 x 38.5 64 x 5.1 x 39.5	Tension-spring connection 64 x 5.1 x 38.5 64 x 5.1 x 39.5	Tension-spring connection 82 x 5.1 x 38.5 82 x 5.1 x 39.5	Tension-spring connection 82 x 5.1 x 38.5 82 x 5.1 x 39.5
Qty.	Qty.	Qty.	Qty.	Qty.
ZSLS 2.5/1A/2S GNYE 3661.2 100	ZRKS 2.5/2A/1S BG 3652.2 100 ZRKS 2.5/2A/1S BU 3652.5 100 ZRKS 2.5/2A/1S OG 3652.3 100	ZSLS 2.5/2A/1S GNYE 3662.2 100	ZRKS 2.5/2A/2S BG 3653.2 100 ZRKS 2.5/2A/2S BU 3653.5 100 ZRKS 2.5/2A/2S OG 3653.3 100	ZSLS 2.5/2A/2S GNYE 3663.2 100
IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
	500 300 300 24 20 20		500 300 300 24 20 20	
2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0
0.5-4 - 0.5-4 0.5-2.5 0.08-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10
PA 6.6 -40 to +120°C 1 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1
Qty.	Qty.	Qty.	Qty.	Qty.
ZAPS 2.5/1A/2S GN 3681.1 20 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50	ZAPS 2.5/2A/1S BG 3682.2 20 ZST-V OG 3687.3 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50 ZQI 2.5/2 YE 3710.8 50 ZQI 2.5/3 YE 3711.8 50 ZQI 2.5/4 YE 3712.8 50 ZQI 2.5/5 YE 3713.8 20 ZQI 2.5/6 YE 3714.8 20 ZQI 2.5/7 YE 3715.8 20 ZQI 2.5/8 YE 3716.8 10 ZQI 2.5/9 YE 3717.8 10 ZQI 2.5/10 YE 3718.8 10 ZQI 2.5/0.5 w/99 poles YE 3719.8 1	ZAPS 2.5/2A/2S GN 3682.1 20 ZST-V OG 3687.3 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50 ZST-C OG 3689.3 50 ZQI 2.5/2 YE 3710.8 50 ZQI 2.5/3 YE 3711.8 50 ZQI 2.5/4 YE 3712.8 50 ZQI 2.5/5 YE 3713.8 20 ZQI 2.5/6 YE 3714.8 20 ZQI 2.5/7 YE 3715.8 20 ZQI 2.5/8 YE 3716.8 10 ZQI 2.5/9 YE 3717.8 10 ZQI 2.5/10 YE 3718.8 10 ZQI 2.5/0.5 w/99 poles YE 3719.8 1	ZAPS 2.5/2A/2S BG 3683.2 20 ZST-V OG 3687.3 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50 ZQI 2.5/2 YE 3710.8 50 ZQI 2.5/3 YE 3711.8 50 ZQI 2.5/4 YE 3712.8 50 ZQI 2.5/5 YE 3713.8 20 ZQI 2.5/6 YE 3714.8 20 ZQI 2.5/7 YE 3715.8 20 ZQI 2.5/8 YE 3716.8 10 ZQI 2.5/9 YE 3717.8 10 ZQI 2.5/10 YE 3718.8 10 ZQI 2.5/0.5 w/99 poles YE 3719.8 1	ZAPS 2.5/2A/2S GN 3683.1 20 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50
ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500

Pluggable tension-spring connection system ZST

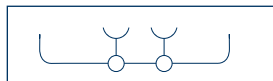
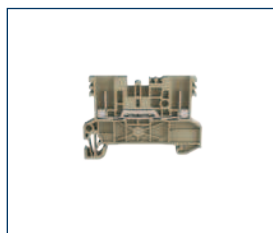
Pluggable tension-spring connection system



- Flexible mounts TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

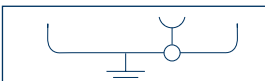
Connection diagram

ZRKS 2.5/2S



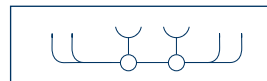
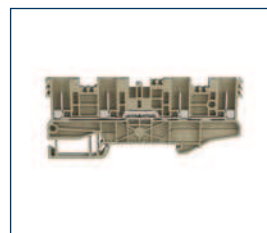
Feed-through terminal
2 connections

ZSLS 2.5/2S



PE terminal
2 connections

ZRKS 2.5/4S



Feed-through terminal
4 connections

Connection type

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

Type

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, mm² | 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 (flexible) mm²

Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²

Clamping area, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPS

Cat. no.

Locking

Cat. no.

Strain relief locking inside

Cat. no.

Codable

Cat. no.

Insulated cross-connector ZQI

Order No. 2-pole

Insulated cross-connector ZQI

Order No. 3-pole

Insulated cross-connector ZQI

Order No. 4-pole

Insulated cross-connector ZQI

Order No. 5-pole

Insulated cross-connector ZQI

Order No. 6-pole

Insulated cross-connector ZQI

Order No. 7-pole

Insulated cross-connector ZQI

Order No. 8-pole

Insulated cross-connector ZQI

Order No. 9-pole

Insulated cross-connector ZQI

Order No. 10-pole

Insulated cross-connector ZQI

Order No. 99-pole

Test adapters

Cat. no.

Four-way cover ZAD

Cat. no.

ZES end stop

Cat. no.

Metal actuating tool BWMA

Cat. no.

PMC SB quick marking

Cat. no.

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

-

Qty.

ZRKS 2.5/2S BG

3655.2 100

ZRKS 2.5/2S BU

3655.5 100

ZRKS 2.5/2S OG

3655.3 100

② ③ ⑤

IEC* UL* CSA*

500 300 300

24 20 20

8 | 3

- | V0

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

-

Qty.

ZSLS 2.5/2S GNYE

3665.2 100

②

IEC* UL* CSA*

8 | 3

- | V0

Tension-spring connection

90.5 x 5.1 x 38.5

90.5 x 5.1 x 39.5

Qty.

ZRKS 2.5/4S BG

3654.2 100

ZRKS 2.5/4S BU

3654.5 100

ZRKS 2.5/4S OG

3654.3 100

② ③ ⑤

IEC* UL* CSA*

500 300 300

24 20 20

8 | 3

- | V0

Qty.

ZAPS 2.5/2S BG

3691.1 20

ZST-V OG

3687.3 50

ZST-C OG

3689.3 50

ZQI 2.5/2 YE

3710.8 50

ZQI 2.5/3 YE

3711.8 50

ZQI 2.5/4 YE

3712.8 50

ZQI 2.5/5 YE

3713.8 20

ZQI 2.5/6 YE

3714.8 20

ZQI 2.5/7 YE

3715.8 20

ZQI 2.5/8 YE

3716.8 10

ZQI 2.5/9 YE

3717.8 10

ZQI 2.5/10 YE

3718.8 10

ZQI 2.5/0.5 w/99 poles YE

3719.8 1

ZTA 2.5 BG

3740.2 10

Qty.

ZAPS 2.5/2S GN

3691.1 20

ZST-V OG

3687.3 50

ZST-C OG

3689.3 50

Qty.

ZAPS 2.5/4S BG

3692.2 20

ZST-V OG

3687.3 50

ZST-V-I OG

3690.3 50

ZST-C OG

3689.3 50

ZQI 2.5/2 YE

3710.8 50

ZQI 2.5/3 YE

3711.8 50

ZQI 2.5/4 YE

3712.8 50

ZQI 2.5/5 YE

3713.8 20

ZQI 2.5/6 YE

3714.8 20

ZQI 2.5/7 YE

3715.8 20

ZQI 2.5/8 YE

3716.8 10

ZQI 2.5/9 YE

3717.8 10

ZQI 2.5/10 YE

3718.8 10

ZQI 2.5/0.5 w/99 poles YE

3719.8 1

ZTA 2.5 BG

3740.2 10

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

3808.0 1

PMC SB 5/50 WH

4600.7 500

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

3808.0 1

PMC SB 5/50 WH

4600.7 500

ZES 35/2 BG

3811.2 50

BWMA 1 (0.5 x 3.5 mm)

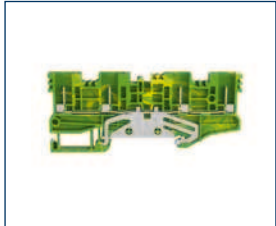
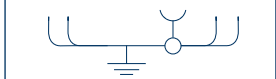

3808.0 1

PMC SB 5/50 WH

4600.7 500

* Approval applied for

Pluggable tension-spring connection system ZST

ZSLS 2.5/4S				
				
				
PE terminal 4 connections				
Tension-spring connection 90.5 x 5.1 x 38.5 90.5 x 5.1 x 39.5 -				
Qty.				
ZSLS 2.5/4S GNYE 3664.2 100				
				
IEC* UL* CSA*				
8 3 - V0				
PA 6.6 -40 to +120°C 1 0				
Qty.				
ZAPS 2.5/4S GN 3692.1 20				
ZST-V OG 3687.3 50				
ZST-V-I OG 3690.3 50				
ZST-C OG 3689.3 50				
ZES 35/2 BG 3811.2 50				
BWMA 1 (0.5 x 3.5 mm) 3808.0 1				
PMC SB 5/50 WH 4600.7 500				

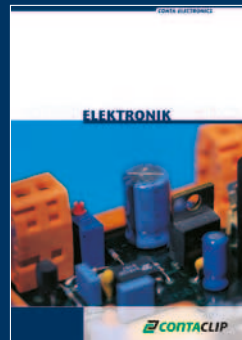


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