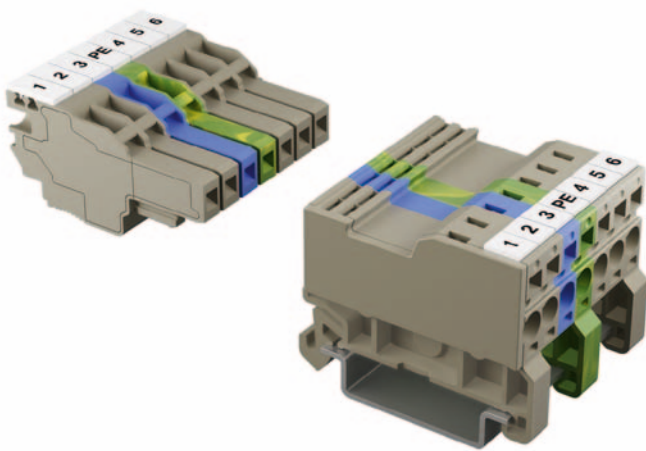


ZST 2,5

Plug-in Connection System



ZST 2,5

The plug-in connection system ZST is a plug-in system that allows you to achieve a rated current up to 24 A and a rated voltage up to 500 V.

The basic terminals and the pluggable connectors have a touch-safe design. They can be configured and combined according to the particular needs of your application.

The basic terminals and connectors can also be coded or fitted with snap-on locking latches.

A strain relief mechanism can also be snapped on so that the connected wires are more firmly secured to the clamping point.

The **ZSTK 2,5** couplings are available as rail-mounted version (for TS15 and TS35) or as a portable coupling.

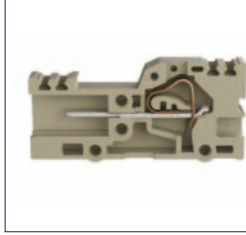
- **Wire connection type: Tension-spring connection**
- **Versatile mounting on TS15, TS35 or as a portable coupling**
- **Ratings 500 V, 24 A**
- **Touch-safe construction**
- **Can be coded**
- **Can be custom configured**
- **Best mechanical attachment of the connector to the basic terminal**

ZST plug-in connection system

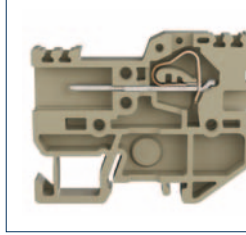
Tension-spring connection system

- Versatile mounting on TS15, TS35 or as a portable coupling
- Touch-safe construction
- Can be coded
- Can be custom configured

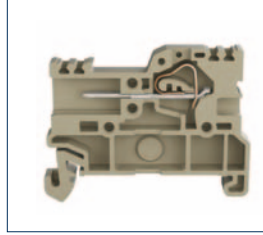
ZSTK 2,5/1A/1S-H/B



ZSTK 2,5/1A/1S-H/15



ZSTK 2,5/1A/1S-H/35



Connection diagram



Connector coupling, horizontal



Connector coupling, horizontal TS15



Connector coupling, horizontal TS35

Connection type

Size (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

Tension-spring connection

40 x 5.1 x 19

-

-

Tension-spring connection

40 x 5.1 x 32

40 x 5.1 x 33

-

Tension-spring connection

44 x 5.1 x 30

-

44 x 5.1 x 35

TYPE

Type colour

Cat. no.

Type colour

with housing pegs

Cat. no.

Type colour

block version

Cat. no.

Qty.

ZSTK 2,5/1A/1S-H/B BG

3678.2

100

ZSTK 2,5/1A/1S-H/Z/B BG

3679.2

100

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

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

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

Finely-stranded | finely-stranded (w/ferrules acc. to DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

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

0.08-4

10



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

0.08-4

10



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

0.08-4

10

Features

Material of insulated housing | Temperature range

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

PA 6.6 | -40 to +120°C

0 | 1

PA 6.6 | -40 to +120°C

0 | 1

PA 6.6 | -40 to +120°C

0 | 1

Accessories

End plate ZAPSK

Cat. no.

Locking

Cat. no.

Strain relief

Cat. no.

Coding

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.

Screwdriver or metal actuating tool BWMA

Cat. no.

Quick marking PMC SB

Cat. no.

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

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

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

2-pole

3-pole

4-pole

5-pole

6-pole

7-pole

8-pole

9-pole

10-pole

99-pole

ZAD 2.5/4/B YE

3706.0

20

ZES 15 BG

3812.2

50

BWMA 1 (0.5x3.5mm)

3808.0

1

PMC SB 5/50 WH

4600.7

500

ZAD 2.5/4/B YE

3706.0

20

ZES 15 BG

3812.2

50

BWMA 1 (0.5x3.5mm)

3808.0

1

PMC SB 5/50 WH

4600.7

500

ZAD 2.5/4/B YE

3706.0

20

ZES 15 BG

3812.2

50

BWMA 1 (0.5x3.5mm)

3808.0

1

PMC SB 5/50 WH

4600.7

500

* Approval is pending

ZST plug-in connection system

Tension-spring connection system		ZST 2,5/1A	ZST 2,5/1A/Q	
<ul style="list-style-type: none"> Versatile mounting Touch-safe construction Can be coded Can be custom configured 				
Connection diagram				
		Connector	Connector can be bridged	
Connection type		Tension-spring connection	Tension-spring connection	
Dimensions (L x W x H), mm		42 x 5.1 x 16.5	42 x 5.1 x 21	
Size (L x W x H), mm, inserted		26 x 5.1 x 16.5	26 x 5.1 x 21	
TYPE		Qty.	Qty.	
Type / colour		ZST 2,5/1A BG	ZST 2,5/1A/Q BG	
Cat. no.		3670.2 100	3672.2 100	
Type / colour with housing pegs		ZST 2,5/1A/Z BG	ZSTK 2,5/1A/Q/Z BG	
Cat. no.		3671.2 100	3673.2 100	
Type / colour				
Cat. no.				
Colours available				
Ratings		IEC* UL* CSA*	IEC* UL* CSA*	
Rated voltage, V		500 300 300	500 300 300	
Rated current, A		24 20 20	24 20 20	
Rated wire cross-section, mm ² AWG		2.5 20-12	2.5 20-12	
Rated impulse voltage, kV Contamination degree		8 3	8 3	
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94		A3 V0	A3 V0	
Connection data				
Single wire (solid) Stranded (flexible), mm ²		0.5-4 -	0.5-4 -	
Finely-stranded finely-stranded (w/ferrules acc. to DIN 46 228/1), mm ²		0.5-4 0.5-2.5	0.5-4 0.5-2.5	
Clamping area, mm ²		0.08-4	0.08-4	
Stripping length, mm		10	10	
Features				
Material of insulated housing Temperature range		PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	
Number of cross-connection channels Test pick-off option		0 1	1 1	
Accessories		Qty.	Qty.	
End plate ZAPST		ZAPST 2,5/1A BG	ZAPST 2,5/1A/Q BG	
Cat. no.		3684.2 20	3685.2 20	
Locking				
Cat. no.				
Strain relief		ZST-Z OG	ZST-Z OG	
Cat. no.		3688.3 50	3688.3 50	
Coding				
Cat. no.				
Insulated cross-connector ZQI			ZQI 2.5/2 YE	
Cat. no.		2-pole	3710.8 50	
Insulated cross-connector ZQI			ZQI 2.5/3 YE	
Cat. no.		3-pole	3711.8 50	
Insulated cross-connector ZQI			ZQI 2.5/4 YE	
Cat. no.		4-pole	3712.8 50	
Insulated cross-connector ZQI			ZQI 2.5/5 YE	
Cat. no.		5-pole	3713.8 20	
Insulated cross-connector ZQI			ZQI 2.5/6 YE	
Cat. no.		6-pole	3714.8 20	
Insulated cross-connector ZQI			ZQI 2.5/7 YE	
Cat. no.		7-pole	3715.8 20	
Insulated cross-connector ZQI			ZQI 2.5/8 YE	
Cat. no.		8-pole	3716.8 10	
Insulated cross-connector ZQI			ZQI 2.5/9 YE	
Cat. no.		9-pole	3717.8 10	
Insulated cross-connector ZQI			ZQI 2.5/10 YE	
Cat. no.		10-pole	3718.8 10	
Insulated cross-connector ZQI			ZQI 2.5/0.5 w/99 poles YE	
Cat. no.		99-pole	3719.8 1	
Four-way cover ZAD		ZAD 2.5/4/B YE	ZAD 2.5/4/B YE	
Cat. no.		3706.0 20	3706.0 20	
End stop ZES		ZES 15 BG	ZES 15 BG	
Cat. no.		3812.2 50	3812.2 50	
Screwdriver or metal actuating tool BWMA		BWMA 1 (0.5x3.5mm)	BWMA 1 (0.5x3.5mm)	
Cat. no.		3808.0 1	3808.0 1	
Quick marking PMC SB		PMC SB 5/50 WH	PMC SB 5/50 WH	
Cat. no.		4600.7 500	4600.7 500	
* Approval is pending				

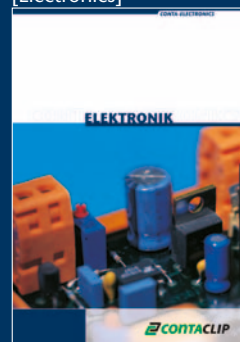
CONTA-CONNECT

[Connection Systems]



CONTA-ELECTRONICS

[Electronics]



CONTA-CON

[PCB Connectors]

