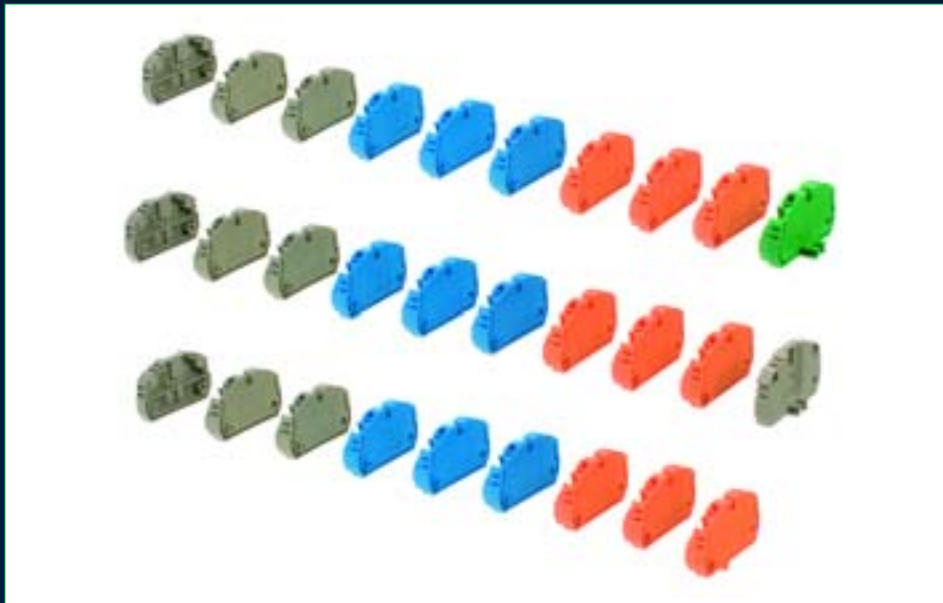


Compact Terminal Series for Direct Mounting ZSRK 2,5 | ZSLN 2,5

ZSRK 2,5/2A/D/F and **ZSRK 2,5/2A/RC** are spring terminals for direct mounting with an internal cross connection channel. Compact and modular, they offer the possibility (in a contact range of 0.08 mm² and rated voltage of 800 V) of mounting a terminal block on the desired number of poles and then screwing it **ZSRK 2,5/2A/D/F** or latching it **ZSRK 2,5/2A/RC** directly onto the mounting plate.

The direct mounting terminals can be used for the mass production and mounting in confined installation spaces.



Due to the different colours of the insulating housing, individual connection groups/power circuits can be distinguished from one another visually. Using the standard cross connector **ZQI 2,5** (2 to 10 poles and 99 poles available) a potential can be duplicated through the internal cross connection channel.

Each clamping point can be marked using the quick identification systems **SB** or **PMC**.

If no cross connection is inserted, the cross connection channel can also be used as an identification channel.

The terminal width of only 5mm guarantees the greatest clarity when wiring in confined installation spaces through the spring top connection.

Direct Mounting Catch Clip

The terminal **ZSRK 2,5/2A/D/RC** is attached at the beginning and end of the terminal block. The **ZSRK 2,5/2A/D** can be lined up between these two clamps according to the number of poles needed. For terminal blocks with many poles (more than 6), it is recommended that other **ZSRK 2,5/2A/RC** be mounted between the **ZSRK 2,5/2A/D** in order to ensure a mechanical hold. The end plate **ZAP-SR/RC** is plugged on at the end of this terminal block.



ZSRK 2,5 Direct mounting with catch clip



ZSRK 2,5 Direct mounting with screw flange

Direct Mounting Screw Flange

The clamp **ZSRK 2,5/2A/D/F** is mounted at the beginning of a terminal block and lined up with the **ZSRK 2,5/2A/D** clamps on the required number of poles, and finally the end bracket **ZEH 1** is pushed on. The first clamp and the end bracket each have a screwed flange so that the terminal block can be screwed directly onto the mounting plate with an M3 screw.

Feed-through and earth terminals for direct mounting

Tension spring connection system



Insulating terminal housing PA 6.6 V0
Mounting Direct mounting/Latching clip/
Screwed flange

Connection diagram

ZSRK 2,5/2A/D	ZSLN 2,5/2A/D	ZSRK 2,5/2A/RC	ZSLN 2,5/2A/RC
Feed-through terminal 2 connectors	Feed-through terminal green/yellow 2 connectors	Feed-through terminal with latching clip 2 connectors	Feed-through terminal with lat- ching clip green/yellow 2 connectors

Connection type

Dimension (L x W x H)

Direct mounting mm

Type

Type/Colour beige

Cat. no./Qty. p. pck.

Type/Colour blue

Cat. no./Qty. p. pck.

Type/Colour orange

Cat. no./Qty. p. pck.

Rating

Rated voltage V

Rated current A

Rated conductor cross-section mm²/ AWG

Rated surge voltage kv/Contamination degree

Gauge plug acc. to EN 60947-1 / Flammability class UL 94

For certifications and approvals

Conductor data

Single wire (solid)/Stranded (flexible) mm²

Flexible/Flexible (with ADH acc. to DIN 46228/1) mm²

Contact wire range mm²

Insulation stripping length mm

Features

Number of cross connection channels

Test pick-off feature

Accessories

End plate ZAP

Cat. no./Qty. p. Pck. beige

Cat. no./Qty. p. Pck. blue

Cat. no./Qty. p. Pck. orange

Cat. no./Qty. p. Pck. green

Insulated cross connector ZQI 2 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 3 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 4 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 5 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 6 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 7 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 8 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 9 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 10 poles

Cat. no./Qty. p. Pck.

Insulated cross connector ZQI 99 poles

Cat. no./Qty. p. Pck.

Actuating tool metal BWMA

Cat. no./Qty. p. Pck.

Tension spring technology

40 x 5,1 x 24

ZSRK 2,5/2A/D beige

3588.2/100

ZSRK 2,5/2A/D blue

3588.5/100

ZSRK 2,5/2A/D orange

3588.3/100

IEC UL* CSA*

800 600 600

24 20 20

2,5 | 20-12

8 kV | 3

A3 | V0

see page 302

0,5-4 | -

0,5-4 | 0,5-2,5

0,08-4

10

1

2

Tension spring technology

40 x 5,1 x 24

ZSLN 2,5/2A/D

3638.2/100

IEC UL* CSA*

800 600 600

24 20 20

2,5 | 20-12

8 kV | 3

A3 | V0

see page 302

0,5-4 | -

0,5-4 | 0,5-2,5

0,08-4

10

1

2

Tension spring technology

40 x 5,1 x 24

ZSRK 2,5/2A/RC beige

3587.2/100

ZSRK 2,5/2A/RC blue

3587.5/100

ZSRK 2,5/2A/RC orange

3587.3/100

IEC UL* CSA*

800 600 600

24 20 20

2,5 | 20-12

8 kV | 3

A3 | V0

see page 302

0,5-4 | -

0,5-4 | 0,5-2,5

0,08-4

10

1

2

Tension spring technology

40 x 5,1 x 24

ZSLN 2,5/2A/RC

3639.2/100

IEC UL* CSA*

800 600 600

24 20 20

2,5 | 20-12

8 kV | 3

A3 | V0

see page 302

0,5-4 | -

0,5-4 | 0,5-2,5

0,08-4

10

1

2

ZAP-SR/RC

3758.2/50

3758.5/50

3758.3/50

ZAP-SR/RC

3758.1/50

ZQI 2,5/2

3710.8/50

ZQI 2,5/3

3711.8/50

ZQI 2,5/4

3712.8/20

ZQI 2,5/5

3713.8/20

ZQI 2,5/6

3714.8/20

ZQI 2,5/7

3715.8/20

ZQI 2,5/8

3716.8/10

ZQI 2,5/9

3717.8/10

ZQI 2,5/10

3718.8/10

ZQI 2,5/0,5 m/99 poles

3719.8/1

BWMA 1

3808.0/1

Further accessories

Further accessories like marking systems, test adapters, covers, end brackets etc. you can find on the pages for accessories specified below!




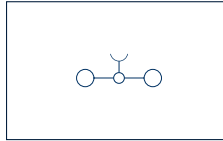
* Applies

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ZSRK 2,5/2A/D/F	ZSLN 2,5/2A/D/F	ZEH 1			
					
					
Feed-through terminal with screwed flange 2 connectors	Feed-through terminal with screwed flange green/yellow 2 connectors	End holder with screwed flange			

Tension spring technology	Tension spring technology	Tension spring technology			
40 x 11,1 x 24	40 x 11,1 x 24	40 x 11,1 x 24			
ZSRK 2,5/2A/D/F beige 3595.2/50	ZSLN 2,5/2A/D/Z 3640.2/50	ZEH 1 beige 3759.2/50			
ZSRK 2,5/2A/D/F blue 3595.5/50		ZEH 1 blue 3759.5/50			
ZSRK 2,5/2A/D/F orange 3595.3/50		ZEH 1 orange 3759.3/50			
IEC 800 UL* 24 CSA* 600 20					
2,5 20-12 8 kV 3 A3 V0 see page 302	2,5 20-12 8 kV 3 A3 V0 see page 302				
0,5-4 - 0,5-4 0,5-2,5 0,08-4 10	0,5-4 - 0,5-4 0,5-2,5 0,08-4 10				
1 2	1 2				

ZQI 2,5/2 3710.8/50	ZQI 2,5/2 3710.8/50				
ZQI 2,5/3 3711.8/50	ZQI 2,5/3 3711.8/50				
ZQI 2,5/4 3712.8/20	ZQI 2,5/4 3712.8/20				
ZQI 2,5/5 3713.8/20	ZQI 2,5/5 3713.8/20				
ZQI 2,5/6 3714.8/20	ZQI 2,5/6 3714.8/20				
ZQI 2,5/7 3715.8/20	ZQI 2,5/7 3715.8/20				
ZQI 2,5/8 3716.8/10	ZQI 2,5/8 3716.8/10				
ZQI 2,5/9 3717.8/10	ZQI 2,5/9 3717.8/10				
ZQI 2,5/10 3718.8/10	ZQI 2,5/10 3718.8/10				
ZQI 2,5/0,5 m/99 poles 3719.8/1	ZQI 2,5/0,5 m/99 poles 3719.8/1				
BWMA 1 3808.0/1	BWMA 1 3808.0/1				