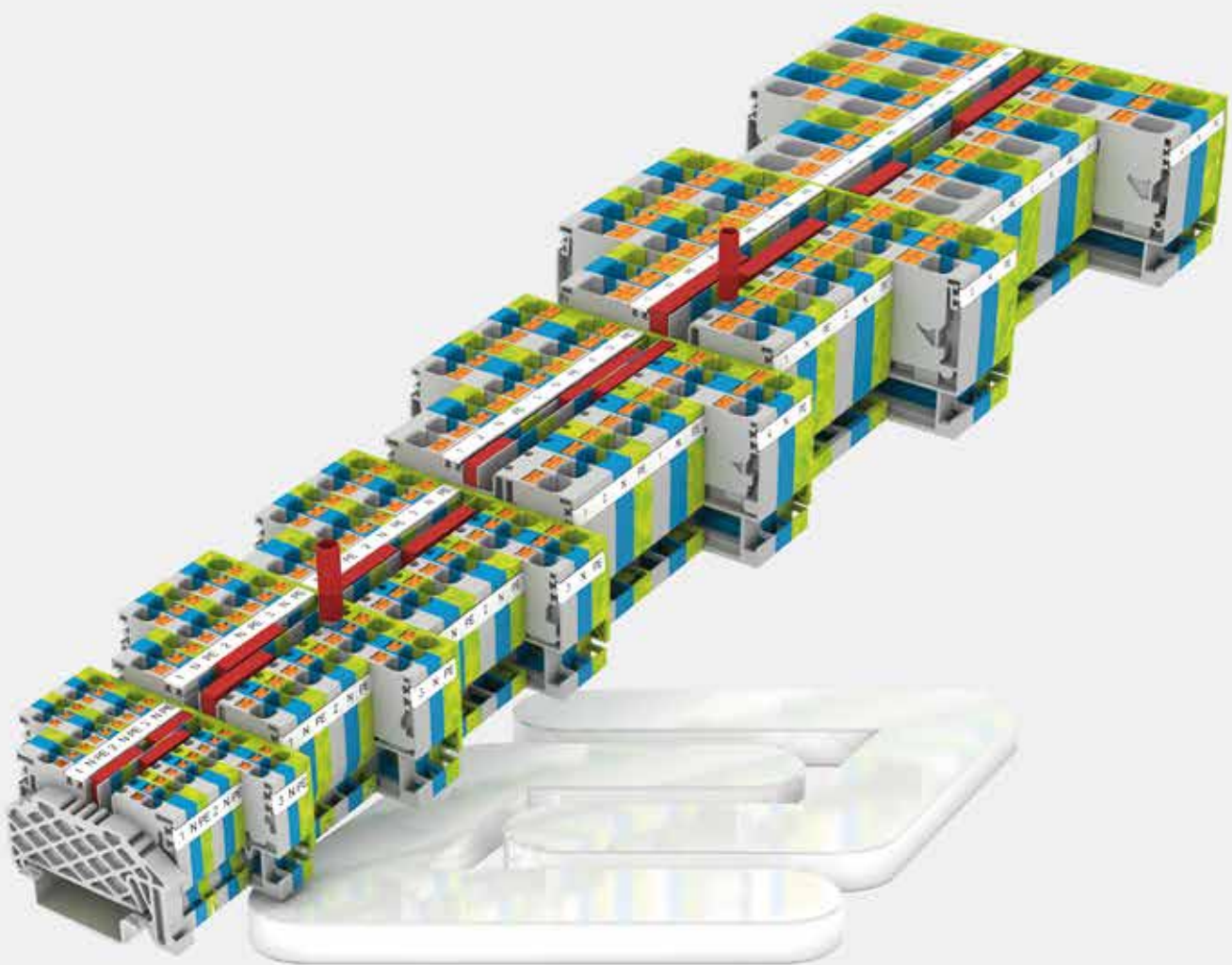


CONTA\_CONNECT  
PUSHIN CONNECTION SYSTEM **PRK** | **FRK**



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## Our company

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Founded and kept in the family since 1977:

**CONTA-CLIP** is an owner-operated company that is a mid-sized global player. Users of electrical and electronic connectivity components have come to trust us for our reliable products. They also trust in our wide-reaching competence within the market and industry which has evolved over many years. In the years since our company was founded, we have evolved from a manufacturer to an innovator.

Our employees are connectivity specialists coming from a wide variety of backgrounds. They understand the specific problems, requirements and challenges of our customers. This ensures communication among equals. We then invest our gains directly into maintaining a modern and efficient production process. This allows us to maintain the most modern machinery at our facilities. We develop and produce the tooling ourselves. We neither make nor accept any compromise in the quality of materials used in our products.

Our top-class products are supported by this interplay between top-class men and machinery. We have also designed our range of services to align with customer needs. We develop electronics, assemble terminal rails, take care of component labelling, and deliver completely populated housings when needed – totally customized and expedited.

Our passion and concern for our customers' challenges does not end after we've delivered our solution. **CONTA-CLIP** customer representatives are always ready to offer their support to the customer, because service and support are our top priorities.

You can learn more about product innovations, trade fair dates, press releases, and more at our official **CONTA-CLIP** web site.

If you want to make sure you do not miss any news, subscribe with no obligation to our **CONTA-CLIP** e-mail newsletter.

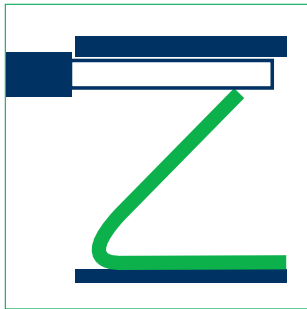
[www.conta-clip.com](http://www.conta-clip.com)



# PushIn connection system PRK

## DIE KLEMME.

Unbelievably easy to work with.



The **PRK** terminal blocks with PushIn wire connections have distinct advantages over other existing connection systems.

Our **CONTA-CLIP** solution permits solid and stranded (with wire-end ferrules) wires to be inserted using minimal force and no tools. The PushIn spring ensures high contact force.

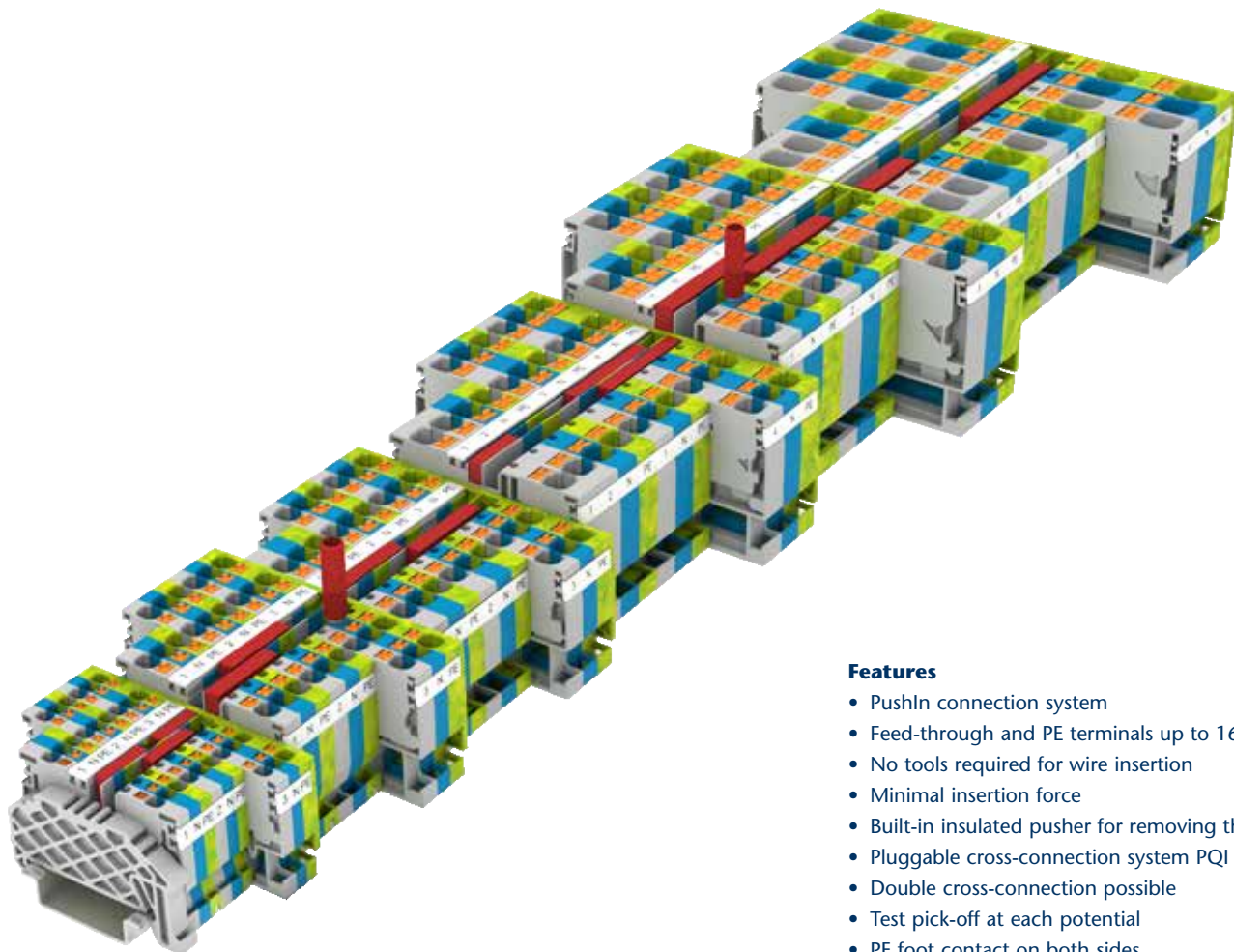
The wire can be removed using the built-in insulated pusher; this mechanism ensures that the terminal point is safely actuated.

This results in significant time saved during the wiring operation.

The extremely compact terminals ensure high current carrying capacity at standard-compliant heating levels, as well as a very tight wire attachment and high stability.

Our new feed-through and PE terminals are available in six different cross-section ranges from 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup>, with 2-, 3- and 4-wire variants for connecting wire cross-sections from 0.34 mm<sup>2</sup> to 25 mm<sup>2</sup>. They provide an ideal complement to our proven **FRK** PushIn connection system with its extensive product line of functional terminals, including the double-level, initiator, disconnect, fused and installation terminals.

All of the insulating materials used in this product line are free of pollutants. They also comply with flammability class V-0 (self-extinguishing) according to UL 94.



### Features

- PushIn connection system
- Feed-through and PE terminals up to 16 mm<sup>2</sup>
- No tools required for wire insertion
- Minimal insertion force
- Built-in insulated pusher for removing the wire
- Pluggable cross-connection system PQI
- Double cross-connection possible
- Test pick-off at each potential
- PE foot contact on both sides
- Extensive options for marking and labelling

# PushIn connection system PRK

## Features

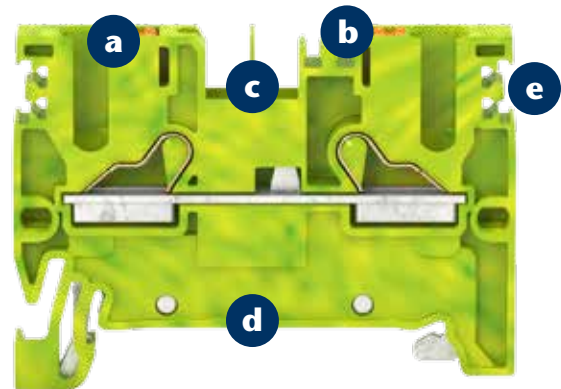
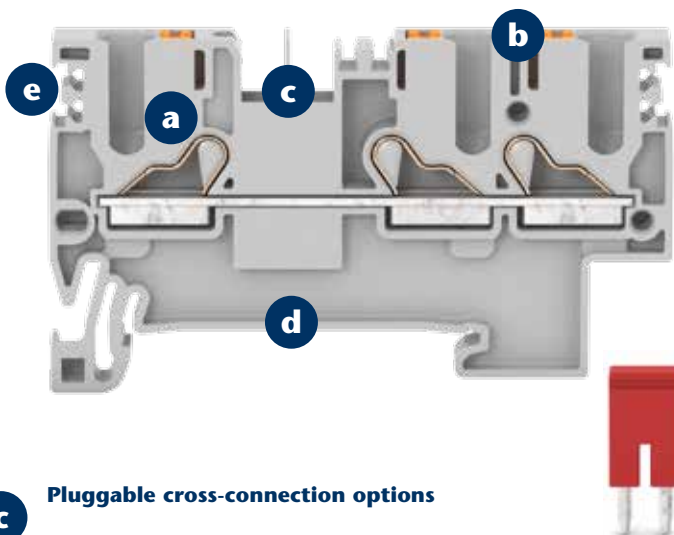
### a The connection | Contact reliability

The PushIn spring for the wire connection is held securely by the busbar.

- The stainless steel spring provides permanent contact force between the wire and the busbar.
- Clear separation between electrical and mechanical functions
- Busbars made of copper with tin surface treatment
- Resistant to vibration and maintenance-free
- Corrosion-free
- Space-saving design

### b Wiring is simple and quick – no tools needed for the PushIn connection

- Easy to work with
- Wire connection without tools
- Generous wire-entry geometry
- Simple to use even under cramped conditions thanks to the TOP connection
- Saves time and money
- PE foot contact on both sides – can be snapped on (no screws) to the **TS 35x7.5** and **TS 35x15** DIN rails



### c Pluggable cross-connection options

Distributing potentials with the pluggable **PQI** 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 from 1.5 to 10 mm<sup>2</sup>.

- Simple to insert and thus quicker to install
- No insulation plates or partition plates required between neighbouring cross-connections, since the **PQIs** have a touch-safe protective design
- The cross-connections can carry the full rated current and rated 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


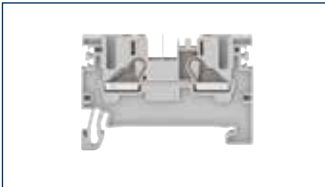

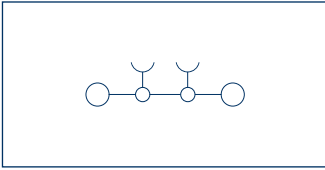
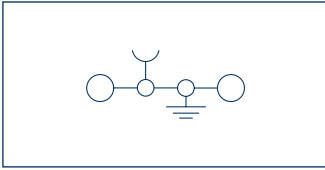


- Polyamide PA6.6 UL 94, flammability class V-0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Operating temperature from -40°C to +120°C

### e Marking options

Three marking options per wire connection. Different labelling systems can be used.




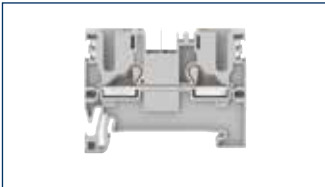
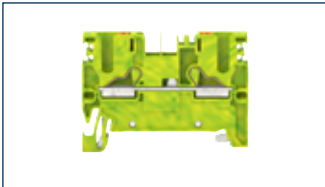
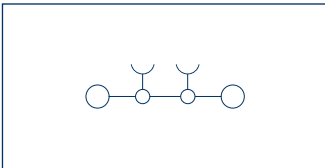
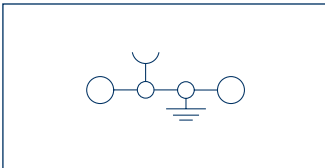
**Feed-through terminals PRK | Protective earth terminals PSL**

PushIn connection system	PRK 1.5/2A	PSL 1.5/2A
 <ul style="list-style-type: none"> <li>• Foot can be snapped on TS35 DIN rail</li> <li>• Housing made from polyamide 6.6 UL 94 V-0</li> </ul>		
<b>Connection diagram</b>		
	Feed-through terminal 2 connections	Protective earth terminal 2 connections
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H), mm	45x3.5x30.5	45x3.5x30.5
Size (L x W x H) mm with TS 35 x 7.5 mm	45x3.5x32	45x3.5x32
<b>TYPE</b>		
Type / colour	PRK 1.5/2A GR	PSL 1.5/2A GNYE
<b>Cat. no.</b>	<b>27000.6</b>	<b>27001.2</b>
Type / colour	PRK 1.5/2A BU	
<b>Cat. no.</b>	<b>27000.5</b>	
Colour variants		
<b>Ratings</b>	<b>IEC*</b>	<b>UL*</b>
Rated voltage, V	500	600
Rated current, A	17.5*	15*
Rated cross-section, mm <sup>2</sup>   AWG	1.5   26-14	1.5   26-14
Rated impulse voltage, kV   Contamination degree	6   3	6   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A1   V-0	A1   V-0
<b>Connection data</b>		
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>	0.14-1.5   -	0.14-1.5   -
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	0.14-1.5   0.14-1	0.14-1.5   0.14-1
Clamping area, mm <sup>2</sup>	0.14-1.5	0.14-1.5
Stripping length, mm	8-10	8-10
<b>Features</b>		
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	2   1	1   1
<b>Accessories</b>		
End plate PAP	PAP 1.5/2A GR	PAP 1.5/2A GR
<b>Cat. no.</b>	<b>27100.6</b>	<b>27100.6</b>
Insulated cross-connector PQI	PQI 1.5/2 RD	PQI 1.5/2 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
Insulated cross-connector PQI	PQI 1.5/3 RD	PQI 1.5/3 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
Insulated cross-connector PQI	PQI 1.5/4 RD	PQI 1.5/4 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
Insulated cross-connector PQI	PQI 1.5/5 RD	PQI 1.5/5 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
Insulated cross-connector PQI	PQI 1.5/10 RD	PQI 1.5/10 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
Insulated cross-connector PQI	PQI 1.5/20 RD	PQI 1.5/20 RD
<b>Cat. No.</b>	<b>27122.9</b>	<b>27122.9</b>
End stop ZES	ZES 35/2 GR	ZES 35/2 GR
<b>Cat. no.</b>	<b>3811.6</b>	<b>3811.6</b>
Test plug PS	PS 2.3	PS 2.3
<b>Cat. no.</b>	<b>2007.0</b>	<b>2007.0</b>
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>
Quick marking PC SB	PC-SB 3.5X5/56 WH	PC-SB 3.5X5/56 WH
<b>Cat. no.</b>	<b>28350.7</b>	<b>28350.7</b>

\* Approvals are pending

PRK 1.5/3A	PSL 1.5/3A	PRK 1.5/4A	PSL 1.5/4A
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 54.1x3.5x30.5 54.1x3.5x32	<b>PushIn</b> 54,1x3.5x30.5 54,1x3.5x32	<b>PushIn</b> 63,2x3.5x30.5 63,2x3.5x32	<b>PushIn</b> 63,2x3.5x30.5 63,2x3.5x32
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 1.5/3A GR <b>27000.6</b> 50	PSL 1.5/3A GNYE <b>27003.2</b> 50	PRK 1.5/4A GR <b>27004.6</b> 50	PSL 1.5/4A GNYE <b>27005.2</b> 50
PRK 1.5/3A BU <b>27000.5</b> 50		PRK 1.5/4A BU <b>27004.5</b> 50	
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
500 600 600		500 600 600	
17.5* 15* 15*		17.5* 15* 15*	
1.5   26-14	1.5   26-14	1.5   26-14	1.5   26-14
6   3	6   3	6   3	6   3
A1   V-0	A1   V-0	A1   V-0	A1   V-0
0.14-1.5   -	0.14-1.5   -	0.14-1.5   -	0.14-1.5   -
0.14-1.5   0.14-1	0.14-1.5   0.14-1	0.14-1.5   0.14-1	0.14-1.5   0.14-1
0.14-1.5	0.14-1.5	0.14-1.5	0.14-1.5
8-10	8-10	8-10	8-10
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
2   1	1   1	1   1	1   1
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 1.5/3A GR <b>27101.6</b> 20	PAP 1.5/2A GR <b>27101.6</b> 20	PAP 1.5/2A GR <b>27102.6</b> 20	PAP 1.5/2A GR <b>27102.6</b> 20
PQI 1.5/2 RD <b>27122.9</b> 50	PQI 1.5/2 RD <b>27122.9</b> 50	PQI 1.5/2 RD <b>27122.9</b> 50	PQI 1.5/2 RD <b>27122.9</b> 50
PQI 1.5/3 RD <b>27122.9</b> 50	PQI 1.5/3 RD <b>27122.9</b> 50	PQI 1.5/3 RD <b>27122.9</b> 50	PQI 1.5/3 RD <b>27122.9</b> 50
PQI 1.5/4 RD <b>27122.9</b> 20	PQI 1.5/4 RD <b>27122.9</b> 20	PQI 1.5/4 RD <b>27122.9</b> 20	PQI 1.5/4 RD <b>27122.9</b> 20
PQI 1.5/5 RD <b>27122.9</b> 20	PQI 1.5/5 RD <b>27122.9</b> 20	PQI 1.5/5 RD <b>27122.9</b> 20	PQI 1.5/5 RD <b>27122.9</b> 20
PQI 1.5/10 RD <b>27122.9</b> 10	PQI 1.5/10 RD <b>27122.9</b> 10	PQI 1.5/10 RD <b>27122.9</b> 10	PQI 1.5/10 RD <b>27122.9</b> 10
PQI 1.5/20 RD <b>27122.9</b> 5	PQI 1.5/20 RD <b>27122.9</b> 5	PQI 1.5/20 RD <b>27122.9</b> 5	PQI 1.5/20 RD <b>27122.9</b> 5
ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-SB 3.5X5/56 WH <b>28350.7</b> 1120	PC-SB 3.5X5/56 WH <b>28350.7</b> 1120	PC-SB 3.5X5/56 WH <b>28350.7</b> 1120	PC-SB 3.5X5/56 WH <b>28350.7</b> 1120

Feed-through terminals PRK | Protective earth terminals PSL

PushIn connection system	PRK 2.5/2A	PSL 2.5/2A
 <ul style="list-style-type: none"> <li>Foot can be snapped on TS35 DIN rail</li> <li>Housing made from polyamide 6.6 UL 94 V-0</li> </ul>		
<p><b>Connection diagram</b></p>		
	Feed-through terminal 2 connections	Protective earth terminal 2 connections
	<b>PushIn</b>	<b>PushIn</b>
<p><b>Connection type</b></p> <p>Size (L x W x H), mm</p> <p>Size (L x W x H) mm with TS 35 x 7.5 mm</p>	<p>48.5x5.1x35.2</p> <p>48.5x5.1x36.7</p>	<p>48.5x5.1x35.2</p> <p>48.5x5.1x36.7</p>
<p><b>TYPE</b></p> <p>Type / colour</p> <p><b>Cat. no.</b></p> <p>Type / colour</p> <p><b>Cat. no.</b></p> <p>Colour variants</p>	<p><b>Qty.</b></p> <p>PRK 2.5/2A GR <b>27006.6</b> 50</p> <p>PRK 2.5/2A BU <b>27006.5</b> 50</p> <p>⑤ ⑤ ②</p>	<p><b>Qty.</b></p> <p>PSL 2.5/2A GNYE <b>27007.2</b> 50</p> <p>②</p>
<p><b>Ratings</b></p> <p>Rated voltage, V</p> <p>Rated current, A</p> <p>Rated cross-section, mm<sup>2</sup>   AWG</p> <p>Rated impulse voltage, kV   Contamination degree</p> <p>Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94</p>	<p><b>IEC*</b> <b>UL*</b> <b>CSA*</b></p> <p>800 600 600</p> <p>28* 20* 20*</p> <p>4   26-12</p> <p>6   3</p> <p>A3   V-0</p>	<p><b>IEC*</b> <b>UL*</b> <b>CSA*</b></p> <p></p> <p>4   26-12</p> <p>6   3</p> <p>A3   V-0</p>
<p><b>Connection data</b></p> <p>Single wire (solid)   Stranded (flexible), mm<sup>2</sup></p> <p>Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm<sup>2</sup></p> <p>Clamping area, mm<sup>2</sup></p> <p>Stripping length, mm</p>	<p>0.14-4   -</p> <p>0.14-2.5   0.14-2.5</p> <p>0.14-4</p> <p>8-10</p>	<p>0.14-4   -</p> <p>0.14-2.5   0.14-2.5</p> <p>0.14-4</p> <p>8-10</p>
<p><b>Features</b></p> <p>Material of insulated housing   Temperature range</p> <p>Number of cross-connection channels   Test pick-off option</p>	<p>PA 6.6   -40 to +120°C</p> <p>2   1</p>	<p>PA 6.6   -40 to +120°C</p> <p>1   1</p>
<p><b>Accessories</b></p> <p>End plate PAP</p> <p><b>Cat. no.</b></p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 2-pole</p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 3-pole</p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 4-pole</p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 5-pole</p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 10-pole</p> <p>Insulated cross-connector PQI</p> <p><b>Cat. No.</b> 20-pole</p> <p>End stop ZES</p> <p><b>Cat. no.</b></p> <p>Test plug PS</p> <p><b>Cat. no.</b></p> <p>Screwdriver SDB</p> <p><b>Cat. no.</b></p> <p>Quick marking PC SB</p> <p><b>Cat. no.</b></p>	<p><b>Qty.</b></p> <p>PAP 2.5/2A GR <b>27103.6</b> 20</p> <p>PQI 2.5/2 RD <b>27132.9</b> 50</p> <p>PQI 2.5/3 RD <b>27133.9</b> 50</p> <p>PQI 2.5/4 RD <b>27134.9</b> 20</p> <p>PQI 2.5/5 RD <b>27135.9</b> 20</p> <p>PQI 2.5/10 RD <b>27140.9</b> 10</p> <p>PQI 2.5/20 RD <b>27141.9</b> 5</p> <p>ZES 35/2 GR <b>3811.6</b> 50</p> <p>PS 2.3 <b>2007.0</b> 20</p> <p>SDB 0.4x2.0 <b>3164.0</b> 1</p> <p>PC-SB 5X5/48 WH <b>28342.7</b> 960</p>	<p><b>Qty.</b></p> <p>PAP 2.5/2A GR <b>27103.6</b> 20</p> <p>PQI 2.5/2 RD <b>27132.9</b> 50</p> <p>PQI 2.5/3 RD <b>27133.9</b> 50</p> <p>PQI 2.5/4 RD <b>27134.9</b> 20</p> <p>PQI 2.5/5 RD <b>27135.9</b> 20</p> <p>PQI 2.5/10 RD <b>27140.9</b> 10</p> <p>PQI 2.5/20 RD <b>27141.9</b> 5</p> <p>ZES 35/2 GR <b>3811.6</b> 50</p> <p>PS 2.3 <b>2007.0</b> 20</p> <p>SDB 0.4x2.0 <b>3164.0</b> 1</p> <p>PC-SB 5X5/48 WH <b>28342.7</b> 960</p>

\* Approvals are pending

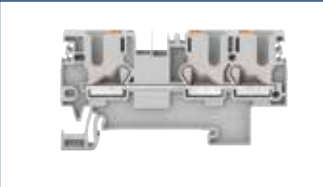

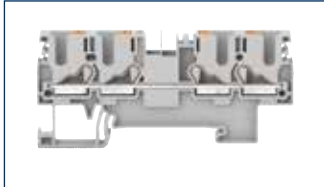

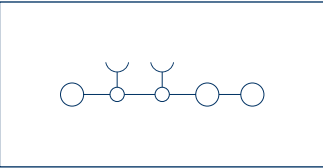
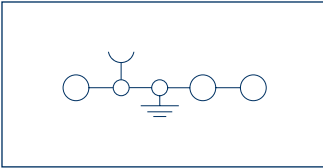
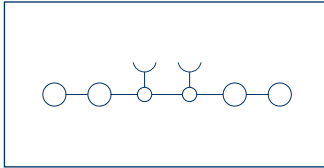
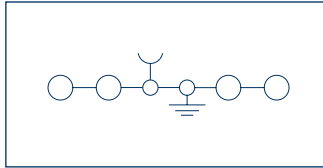






PRK 2.5/3A	PSL 2.5/3A	PRK 2.5/4A	PSL 2.5/4A
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 60.35x5.1x35.2 60.35x5.1x36.7	<b>PushIn</b> 60.35x5.1x35.2 60.35x5.1x36.7	<b>PushIn</b> 72.2x5.1x35.2 72.2x5.1x36.7	<b>PushIn</b> 72.2x5.1x35.2 72.2x5.1x36.7
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 2.5/3A GR <b>27008.6</b> 50	PSL 2.5/3A GNYE <b>27009.2</b> 50	PRK 2.5/4A GR <b>27010.6</b> 50	PSL 2.5/4A GNYE <b>27011.2</b> 50
PRK 2.5/3A BU <b>27008.5</b> 50		PRK 1.5/4A BU <b>27010.5</b> 50	
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
800 600 600		800 600 600	
28* 20* 20*		28* 20* 20*	
4   26-12	4   26-12	4   26-12	4   26-12
8   3	8   3	8   3	8   3
A3   V-0	A3   V-0	A3   V-0	A3   V-0
0.14-4   -	0.14-4   -	0.14-4   -	0.14-4   -
0.14-2.5   0.14-2.5	0.14-2.5   0.14-2.5	0.14-2.5   0.14-2.5	0.14-2.5   0.14-2.5
0.14-4	0.14-4	0.14-4	0.14-4
8-10	8-10	8-10	8-10
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
2   1	1   1	2   1	1   1
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 2.5/3A GR <b>27104.6</b> 20	PAP 2.5/3A GR <b>27104.6</b> 20	PAP 2.5/4A GR <b>27105.6</b> 20	PAP 2.5/4A GR <b>27105.6</b> 20
PQI 2.5/2 RD <b>27132.9</b> 50	PQI 2.5/2 RD <b>27132.9</b> 50	PQI 2.5/2 RD <b>27132.9</b> 50	PQI 2.5/2 RD <b>27132.9</b> 50
PQI 2.5/3 RD <b>27133.9</b> 50	PQI 2.5/3 RD <b>27133.9</b> 50	PQI 2.5/3 RD <b>27133.9</b> 50	PQI 2.5/3 RD <b>27133.9</b> 50
PQI 2.5/4 RD <b>27134.9</b> 20	PQI 2.5/4 RD <b>27134.9</b> 20	PQI 2.5/4 RD <b>27134.9</b> 20	PQI 2.5/4 RD <b>27134.9</b> 20
PQI 2.5/5 RD <b>27135.9</b> 20	PQI 2.5/5 RD <b>27135.9</b> 20	PQI 2.5/5 RD <b>27135.9</b> 20	PQI 2.5/5 RD <b>27135.9</b> 20
PQI 2.5/10 RD <b>27140.9</b> 10	PQI 2.5/10 RD <b>27140.9</b> 10	PQI 2.5/10 RD <b>27140.9</b> 10	PQI 2.5/10 RD <b>27140.9</b> 10
PQI 2.5/20 RD <b>27141.9</b> 5	PQI 2.5/20 RD <b>27141.9</b> 5	PQI 2.5/20 RD <b>27141.9</b> 5	PQI 2.5/20 RD <b>27141.9</b> 5
ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-SB 5X5/48 WH <b>28342.7</b> 960	PC-SB 5X5/48 WH <b>28342.7</b> 960	PC-SB 5X5/48 WH <b>28342.7</b> 960	PC-SB 5X5/48 WH <b>28342.7</b> 960


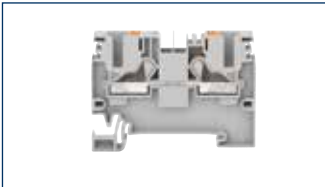

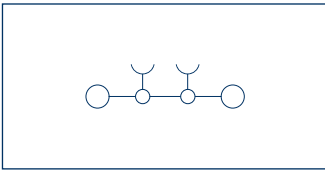
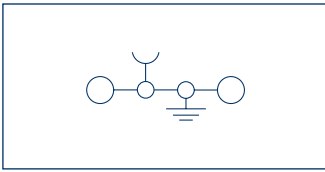


Feed-through terminals PRK | Protective earth terminals PSL

PushIn connection system	PRK 4/2A	PSL 4/2A
<ul style="list-style-type: none"> <li>Foot can be snapped on TS35 DIN rail</li> <li>Housing made from polyamide 6.6 UL 94 V-0</li> </ul>		
<b>Connection diagram</b>		
	Feed-through terminal 2 connections	Protective earth terminal 2 connections
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H), mm	56x6.1x35.2	56x6.1x35.2
Size (L x W x H) mm with TS 35 x 7.5 mm	56x6.1x36.7	56x6.1x36.7
<b>TYPE</b>		
Type / colour	PRK 4/2A GR	PSL 4/2A GNYE
<b>Cat. no.</b>	<b>27012.6</b>	<b>27013.2</b>
Type / colour	PRK 4/2A BU	
<b>Cat. no.</b>	<b>27012.5</b>	
Colour variants		
<b>Ratings</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
Rated voltage, V	800	600
Rated current, A	32*	30*
Rated cross-section, mm <sup>2</sup>   AWG	4   24-12	4   24-12
Rated impulse voltage, kV   Contamination degree	8   3	8   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A4   V-0	A4   V-0
<b>Connection data</b>		
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>	0.2-6   -	0.2-6   -
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.25-4	0.2-4   0.25-4
Clamping area, mm <sup>2</sup>	0.2-4	0.2-4
Stripping length, mm	12	12
<b>Features</b>		
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	2   1	1   1
<b>Accessories</b>		
End plate PAP	PAP 4/2A GR	PAP 4/2A GR
<b>Cat. no.</b>	<b>27106.6</b>	<b>27106.6</b>
Insulated cross-connector PQI	PQI 4/2 RD	PQI 4/2 RD
<b>Cat. No.</b>	<b>27142.9</b>	<b>27142.9</b>
Insulated cross-connector PQI	PQI 4/3 RD	PQI 4/3 RD
<b>Cat. No.</b>	<b>27143.9</b>	<b>27143.9</b>
Insulated cross-connector PQI	PQI 4/4 RD	PQI 4/4 RD
<b>Cat. No.</b>	<b>27144.9</b>	<b>27144.9</b>
Insulated cross-connector PQI	PQI 4/5 RD	PQI 4/5 RD
<b>Cat. No.</b>	<b>27145.9</b>	<b>27145.9</b>
Insulated cross-connector PQI	PQI 4/10 RD	PQI 4/10 RD
<b>Cat. No.</b>	<b>27150.9</b>	<b>27150.9</b>
Insulated cross-connector PQI	PQI 4/20 RD	PQI 4/20 RD
<b>Cat. No.</b>	<b>27151.9</b>	<b>27151.9</b>
End stop ZES	ZES 35/2 GR	ZES 35/2 GR
<b>Cat. no.</b>	<b>3811.6</b>	<b>3811.6</b>
Test plug PS	PS 2.3	PS 2.3
<b>Cat. no.</b>	<b>2007.0</b>	<b>2007.0</b>
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>
Quick marking PC SB	PC-SB 6X5/40 WH	PC-SB 6X5/40 WH
<b>Cat. no.</b>	<b>28343.7</b>	<b>28343.7</b>

\* Approvals are pending

PRK 4/3A	PSL 4/3A	PRK 4/4A	PSL 4/4A
			
			
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 66.5x6.1x35.2 66.5x6.1x36.7	<b>PushIn</b> 66.5x6.1x35.2 66.5x6.1x36.7	<b>PushIn</b> 77x6.1x35.2 77x6.1x36.7	<b>PushIn</b> 77x6.1x35.2 77x6.1x36.7
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 4/3A GR <b>27014.6</b> 50	PSL 4/3A GNYE <b>27015.2</b> 50	PRK 4/4A GR <b>27016.6</b> 50	PSL 4/4A GNYE <b>27017.2</b> 50
PRK 4/3A BU <b>27014.5</b> 50		PRK 4/4A BU <b>27016.5</b> 50	
			
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
800 600 600		800 600 600	
32* 30* 30*		32* 30* 30*	
4   24-12	4   24-12	4   24-12	4   24-12
8   3	8   3	8   3	8   3
A4   V-0	A4   V-0	A4   V-0	A4   V-0
0.2-6   -	0.2-6   -	0.2-6   -	0.2-6   -
0.2-4   0.25-4	0.2-4   0.25-4	0.2-4   0.25-4	0.2-4   0.25-4
0.2-4	0.2-4	0.2-4	0.2-4
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
2   1	1   1	2   1	1   1
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 4/3A GR <b>27107.6</b> 20	PAP 4/3A GR <b>27107.6</b> 20	PAP 4/4A GR <b>27108.6</b> 20	PAP 2.5/4A GR <b>27108.6</b> 20
PQI 4/2 RD <b>27142.9</b> 50	PQI 4/2 RD <b>27142.9</b> 50	PQI 4/2 RD <b>27142.9</b> 50	PQI 4/2 RD <b>27142.9</b> 50
PQI 4/3 RD <b>27143.9</b> 50	PQI 4/3 RD <b>27143.9</b> 50	PQI 4/3 RD <b>27143.9</b> 50	PQI 4/3 RD <b>27143.9</b> 50
PQI 4/4 RD <b>27144.9</b> 20	PQI 4/4 RD <b>27144.9</b> 20	PQI 4/4 RD <b>27144.9</b> 20	PQI 4/4 RD <b>27144.9</b> 20
PQI 4/5 RD <b>27145.9</b> 20	PQI 4/5 RD <b>27145.9</b> 20	PQI 4/5 RD <b>27145.9</b> 20	PQI 4/5 RD <b>27145.9</b> 20
PQI 4/10 RD <b>27150.9</b> 10	PQI 4/10 RD <b>27150.9</b> 10	PQI 4/10 RD <b>27150.9</b> 10	PQI 4/10 RD <b>27150.9</b> 10
PQI 4/20 RD <b>27151.9</b> 5	PQI 4/20 RD <b>27151.9</b> 5	PQI 4/20 RD <b>27151.9</b> 5	PQI 4/20 RD <b>27151.9</b> 5
ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50	ZES 35/2 GR <b>3811.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-SB 6X5/40 WH <b>28343.7</b> 800	PC-SB 6X5/40 WH <b>28343.7</b> 800	PC-SB 6X5/40 WH <b>28343.7</b> 800	PC-SB 6X5/40 WH <b>28343.7</b> 800




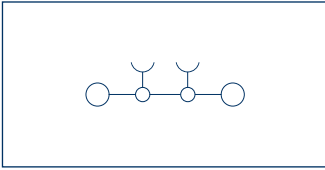
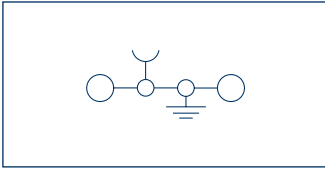


Feed-through terminals PRK | Protective earth terminals PSL

PushIn connection system	PRK 6/2A	PSL 6/2A
		
<ul style="list-style-type: none"> <li>Foot can be snapped on TS35 DIN rail</li> <li>Housing made from polyamide 6.6 UL 94 V-0</li> </ul>		
<b>Connection diagram</b>		
	Feed-through terminal 2 connections	Protective earth terminal 2 connections
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H), mm	57,7x8,1x42.0	57,7x8,1x42.0
Size (L x W x H) mm with TS 35 x 7.5 mm	57,7x8,1x44,0	57,7x8,1x44,0
<b>TYPE</b>		
Type / colour	PRK 6/2A GR	PSL 6/2A GNYE
<b>Cat. no.</b>	<b>27018.6</b>	<b>27019.2</b>
Type / colour	PRK 6/2A BU	
<b>Cat. no.</b>	<b>27018.5</b>	
Colour variants		
<b>Ratings</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
Rated voltage, V	1000	600
Rated current, A	52*	40*
Rated cross-section, mm <sup>2</sup>   AWG	6   20-8	6   20-8
Rated impulse voltage, kV   Contamination degree	8   3	8   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A5   V-0	A5   V-0
<b>Connection data</b>		
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>	0.5-10   -	0.5-10   -
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	0.5-6   0.5-6	0.5-6   0.5-6
Clamping area, mm <sup>2</sup>	0.5-10	0.5-10
Stripping length, mm	12	12
<b>Features</b>		
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	2   1	1   1
<b>Accessories</b>		
End plate PAP	PAP 6/2A GR	PAP 6/2A GR
<b>Cat. no.</b>	<b>27109.6</b>	<b>27109.6</b>
Insulated cross-connector PQI	PQI 6/2 RD	PQI 6/2 RD
<b>Cat. No.</b>	<b>27152.9</b>	<b>27152.9</b>
Insulated cross-connector PQI	PQI 6/3 RD	PQI 6/3 RD
<b>Cat. No.</b>	<b>227153.9</b>	<b>227153.9</b>
Insulated cross-connector PQI	PQI 6/4 RD	PQI 6/4 RD
<b>Cat. No.</b>	<b>27154.9</b>	<b>27154.9</b>
Insulated cross-connector PQI	PQI 6/5 RD	PQI 6/5 RD
<b>Cat. No.</b>	<b>27155.9</b>	<b>27155.9</b>
Insulated cross-connector PQI	PQI 6/10 RD	PQI 6/10 RD
<b>Cat. No.</b>	<b>27160.9</b>	<b>27160.9</b>
Insulated cross-connector PQI	PQI 6/20 RD	PQI 6/20 RD
<b>Cat. No.</b>	<b>27161.9</b>	<b>27161.9</b>
End stop ZES	ZES 35 GR	ZES 35 GR
<b>Cat. no.</b>	<b>3748.6</b>	<b>3748.6</b>
Test plug PS	PS 2.3	PS 2.3
<b>Cat. no.</b>	<b>2007.0</b>	<b>2007.0</b>
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>
Quick marking PC SB	PC-SB 8X5/32 WH	PC-SB 8X5/32 WH
<b>Cat. no.</b>	<b>28347.7</b>	<b>28347.7</b>

\* Approvals are pending





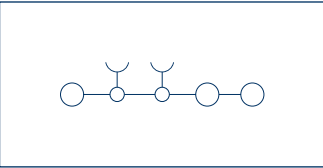
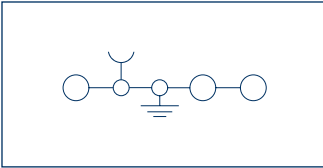
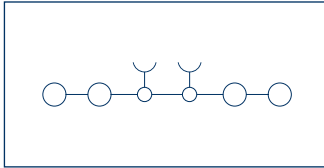
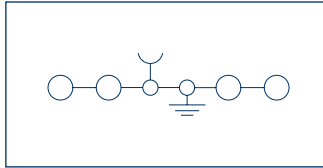




PRK 6/3A	PSL 6/3A	PRK 6/4A	PSL 6/4A
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 74,1x8,1x42.0 74,1x8,1x44,0	<b>PushIn</b> 74,1x8,1x42.0 74,1x8,1x44,0	<b>PushIn</b> 90.4x8,1x42.0 90.4x8,1x44,0	<b>PushIn</b> 90.4x8,1x42.0 90.4x8,1x44,0
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 6/3A GR <b>27020.6</b> 50	PSL 6/3A GNYE <b>27021.2</b> 50	PRK 6/4A GR <b>27022.6</b> 50	PSL 6/4A GNYE <b>27023.2</b> 50
PRK 6/3A BU <b>27020.5</b> 50		PRK 6/4A BU <b>27022.5</b> 50	
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
1000 600 600		1000 600 600	
52* 40* 40*		52* 40* 40*	
6   20-8	6   20-8	4   26-12	6   20-8
8   3	8   3	8   3	8   3
A5   V-0	A5   V-0	A3   V-0	A5   V-0
0.5-10   -	0.5-10   -	0.5-10   -	0.5-10   -
0.5-6   0.5-6	0.5-6   0.5-6	0.5-6   0.5-6	0.5-6   0.5-6
0.5-10	0.5-10	0.5-10	0.5-10
12	12	12	12
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
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 6/3A GR <b>27110.6</b> 20	PAP 6/3A GR <b>27110.6</b> 20	PAP 6/4A GR <b>27111.6</b> 20	PAP 6/4A GR <b>27111.6</b> 20
PQI 6/2 RD <b>27152.9</b> 50	PQI 6/2 RD <b>27152.9</b> 50	PQI 6/2 RD <b>27152.9</b> 50	PQI 6/2 RD <b>27152.9</b> 50
PQI 6/3 RD <b>227153.9</b> 50	PQI 6/3 RD <b>227153.9</b> 50	PQI 6/3 RD <b>227153.9</b> 50	PQI 6/3 RD <b>227153.9</b> 50
PQI 6/4 RD <b>27154.9</b> 20	PQI 6/4 RD <b>27154.9</b> 20	PQI 6/4 RD <b>27154.9</b> 20	PQI 6/4 RD <b>27154.9</b> 20
PQI 6/5 RD <b>27155.9</b> 20	PQI 6/5 RD <b>27155.9</b> 20	PQI 6/5 RD <b>27155.9</b> 20	PQI 6/5 RD <b>27155.9</b> 20
PQI 6/10 RD <b>27160.9</b> 10	PQI 6/10 RD <b>27160.9</b> 10	PQI 6/10 RD <b>27160.9</b> 10	PQI 6/10 RD <b>27160.9</b> 10
PQI 6/20 RD <b>27161.9</b> 5	PQI 6/20 RD <b>27161.9</b> 5	PQI 6/20 RD <b>27161.9</b> 5	PQI 6/20 RD <b>27161.9</b> 5
ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-SB 8X5/32 WH <b>28347.7</b> 640	PC-SB 8X5/32 WH <b>28347.7</b> 640	PC-SB 8X5/32 WH <b>28347.7</b> 640	PC-SB 8X5/32 WH <b>28347.7</b> 640

**Feed-through terminals PRK | Protective earth terminals PSL**




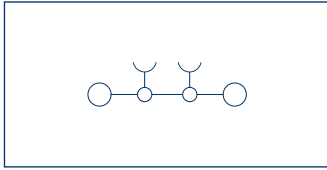
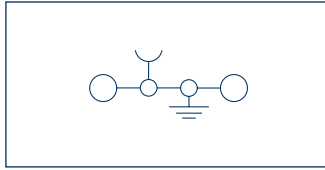


PushIn connection system	PRK 10/2A	PSL 10/2A
 <ul style="list-style-type: none"> <li>• Foot can be snapped on TS35 DIN rail</li> <li>• Housing made from polyamide 6.6 UL 94 V-0</li> </ul>		
<b>Connection diagram</b>		
	Feed-through terminal 2 connections	Protective earth terminal 2 connections
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H), mm	67,8x10,1x48	67,8x10,1x48
Size (L x W x H) mm with TS 35 x 7.5 mm	67,8x10,1x49.5	67,8x10,1x49.5
<b>TYPE</b>		
Type / colour	PRK 10/2A GR	PSL 10/2A GNYE
<b>Cat. no.</b>	<b>27024.6</b>	<b>27025.2</b>
Type / colour	PRK 10/2A BU	
<b>Cat. no.</b>	<b>27024.5</b>	
Colour variants		
<b>Ratings</b>	<b>IEC*</b>	<b>UL*</b>
Rated voltage, V	1000	600
Rated current, A	70*	60*
Rated cross-section, mm <sup>2</sup>   AWG	10   20-8	10   20-8
Rated impulse voltage, kV   Contamination degree	8   3	8   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A6   V-0	A6   V-0
<b>Connection data</b>		
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>	0.5-16   0.5-10	0.5-16   0.5-10
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	0.5-10   0.5-10	0.5-10   0.5-10
Clamping area, mm <sup>2</sup>	0.5-16	0.5-16
Stripping length, mm	18	18
<b>Features</b>		
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	2   1	1   1
<b>Accessories</b>		
End plate PAP	PAP 10/2A GR	PAP 10/2A GR
<b>Cat. no.</b>	<b>27112.6</b>	<b>27112.6</b>
Insulated cross-connector PQI	PQI 10/2 RD	PQI 10/2 RD
<b>Cat. No.</b>	<b>27162.9</b>	<b>27162.9</b>
Insulated cross-connector PQI	PQI 10/3 RD	PQI 10/3 RD
<b>Cat. No.</b>	<b>27163.9</b>	<b>27163.9</b>
Insulated cross-connector PQI	PQI 10/4 RD	PQI 10/4 RD
<b>Cat. No.</b>	<b>27164.9</b>	<b>27164.9</b>
Insulated cross-connector PQI	PQI 10/5 RD	PQI 10/5 RD
<b>Cat. No.</b>	<b>27165.9</b>	<b>27165.9</b>
Insulated cross-connector PQI	PQI 10/10 RD	PQI 10/10 RD
<b>Cat. No.</b>	<b>27170.9</b>	<b>27170.9</b>
Insulated cross-connector PQI	PQI 10/20 RD	PQI 10/20 RD
<b>Cat. No.</b>	<b>27171.9</b>	<b>27171.9</b>
End stop ZES	ZES 35 GR	ZES 35 GR
<b>Cat. no.</b>	<b>3748.6</b>	<b>3748.6</b>
Test plug PS	PS 2.3	PS 2.3
<b>Cat. no.</b>	<b>2007.0</b>	<b>2007.0</b>
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>
Quick marking PC SB	PC-BSTR 10X12/24 WH	PC-BSTR 10X12/24 WH
<b>Cat. no.</b>	<b>28349.7</b>	<b>28349.7</b>

\* Approvals are pending



PRK 10/3A	PSL 10/3A	PRK 10/4A	PSL 10/4A
			
			
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 88,9x10,1x48 88,9x10,1x49.5	<b>PushIn</b> 88,9x10,1x48 88,9x10,1x49.5	<b>PushIn</b> 110x10,1x48 110x10,1x49.5	<b>PushIn</b> 110x10,1x48 110x10,1x49.5
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 10/3A GR <b>27026.6</b> 50	PSL 10/3A GNYE <b>27027.2</b> 50	PRK 10/4A GR <b>27028.6</b> 50	PSL 10/4A GNYE <b>27029.2</b> 50
PRK 10/3A BU <b>27026.5</b> 50		PRK 10/4A BU <b>27028.5</b> 50	
			
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
1000 600 600		1000 600 600	
70* 60* 60*		70* 60* 60*	
10   20-8	10   20-8	10   20-8	10   20-8
8   3	8   3	8   3	8   3
A6   V-0	A6   V-0	A6   V-0	A6   V-0
0.5-16   0.5-10	0.5-16   0.5-10	0.5-16   0.5-10	0.5-16   0.5-10
0.5-10   0.5-10	0.5-10   0.5-10	0.5-10   0.5-10	0.5-10   0.5-10
0.5-16	0.5-16	0.5-16	0.5-16
18	18	18	18
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
2   1	1   1	2   1	1   1
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 10/3A GR <b>27113.6</b> 20	PAP 10/3A GR <b>27113.6</b> 20	PAP 10/4A GR <b>27114.6</b> 20	PAP 10/4A GR <b>27114.6</b> 20
PQI 10/2 RD <b>27162.9</b> 50	PQI 10/2 RD <b>27162.9</b> 50	PQI 10/2 RD <b>27162.9</b> 50	PQI 10/2 RD <b>27162.9</b> 50
PQI 10/3 RD <b>27163.9</b> 50	PQI 10/3 RD <b>27163.9</b> 50	PQI 10/3 RD <b>27163.9</b> 50	PQI 10/3 RD <b>27163.9</b> 50
PQI 10/4 RD <b>27164.9</b> 20	PQI 10/4 RD <b>27164.9</b> 20	PQI 10/4 RD <b>27164.9</b> 20	PQI 10/4 RD <b>27164.9</b> 20
PQI 10/5 RD <b>27165.9</b> 20	PQI 10/5 RD <b>27165.9</b> 20	PQI 10/5 RD <b>27165.9</b> 20	PQI 10/5 RD <b>27165.9</b> 20
PQI 10/10 RD <b>27170.9</b> 10	PQI 10/10 RD <b>27170.9</b> 10	PQI 10/10 RD <b>27170.9</b> 10	PQI 10/10 RD <b>27170.9</b> 10
PQI 10/20 RD <b>27171.9</b> 5	PQI 10/20 RD <b>27171.9</b> 5	PQI 10/20 RD <b>27171.9</b> 5	PQI 10/20 RD <b>27171.9</b> 5
ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50	ZES 35 GR <b>3748.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480

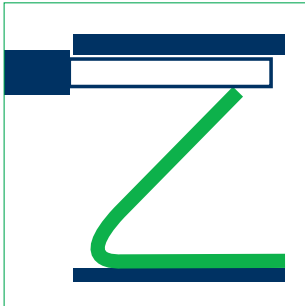
**Feed-through terminals PRK | Protective earth terminals PSL**

PushIn connection system		PRK 16/2A	PSL 16/2A
 <ul style="list-style-type: none"> <li>• Foot can be snapped on TS35 DIN rail</li> <li>• Housing made from polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
		Feed-through terminal 2 connections	Protective earth terminal 2 connections
<b>Connection type</b>		<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H), mm		75x12.1x48	75x12.1x48
Size (L x W x H) mm with TS 35 x 7.5 mm		75x12.1x49.5	75x12.1x49.5
<b>TYPE</b>			
Type / colour		PRK 16/2A GR	PSL 16/2A GNYE
<b>Cat. no.</b>		<b>27030.6</b>	<b>27031.2</b>
Type / colour		PRK 16/2A BU	
<b>Cat. no.</b>		<b>27030.5</b>	
Colour variants			
<b>Ratings</b>		<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
Rated voltage, V		1000 600 600	
Rated current, A		85* 85* 85*	
Rated cross-section, mm <sup>2</sup>   AWG		16   20-6	16   20-6
Rated impulse voltage, kV   Contamination degree		8   3	8   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94		A7   V-0	A7   V-0
<b>Connection data</b>			
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>		0.5-25   0.5-16	0.5-25   0.5-16
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>		0.5-16   0.5-10	0.5-16   0.5-10
Clamping area, mm <sup>2</sup>		0.5-25	0.5-25
Stripping length, mm		18	18
<b>Features</b>			
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		2   1	2   1
<b>Accessories</b>			
End plate PAP		PAP 16/2A GR	PAP 16/2A GR
<b>Cat. no.</b>		<b>27115.6</b>	<b>27115.6</b>
Insulated cross-connector PQI		PQI 16/2 RD	PQI 16/2 RD
<b>Cat. No.</b> 2-pole		<b>27172.9</b>	<b>27172.9</b>
End stop ZES		ZES 35	ZES 35
<b>Cat. no.</b>		<b>3748.6</b>	<b>3748.6</b>
Test plug PS		PS 2.3	PS 2.3
<b>Cat. no.</b>		<b>2007.0</b>	<b>2007.0</b>
Screwdriver SDB		SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>		<b>3164.0</b>	<b>3164.0</b>
Quick marking PC SB		PC-BSTR 10X12/24 WH	PC-BSTR 10X12/24 WH
<b>Cat. no.</b>		<b>28349.7</b>	<b>28349.7</b>

\* Approvals are pending

PRK 16/3A	PSL 16/3A	PRK 16/4A	PSL 16/4A
Feed-through terminal 3 connections	Protective earth terminal 3 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>PushIn</b> 100x12.1x48 100x12.1x49.5	<b>PushIn</b> 100x12.1x48 100x12.1x49.5	<b>PushIn</b> 123x12.1x48 123x12.1x49.5	<b>PushIn</b> 123x12.1x48 123x12.1x49.5
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PRK 16/3A GR <b>27032.6</b> 50	PSL 16/3A GNYE <b>27033.2</b> 50	PRK 16/4A GR <b>27034.6</b> 50	PSL 16/4A GNYE <b>27035.2</b> 50
PRK 16/3A BU <b>27032.5</b> 50		PRK 16/4A BU <b>27034.5</b> 50	
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
1000 600 600		1000 600 600	
85* 85* 85*		85* 85* 85*	
16   20-6	16   20-6	16   20-6	16   20-6
8   3	8   3	8   3	8   3
A7   V-0	A7   V-0	A7   V-0	A7   V-0
0.5-25   0.5-16	0.5-25   0.5-16	0.5-25   0.5-16	0.5-25   0.5-16
0.5-16   0.5-10	0.5-16   0.5-10	0.5-16   0.5-10	0.5-16   0.5-10
0.5-25	0.5-25	0.5-25	0.5-25
18	18	18	18
PA 6.6   -40 to +120°C 2   1	PA 6.6   -40 to +120°C 2   1	PA 6.6   -40 to +120°C 2   1	PA 6.6   -40 to +120°C 2   1
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
PAP 16/3A GR <b>27116.6</b> 20	PAP 16/3A GR <b>27116.6</b> 20	PAP 16/4A GR <b>27117.6</b> 20	PAP 16/4A GR <b>27117.6</b> 20
PQI 16/2 RD <b>27172.9</b> 20	PQI 16/2 RD <b>27172.9</b> 20	PQI 16/2 RD <b>27172.9</b> 20	PQI 16/2 RD <b>27172.9</b> 20
ZES 35 <b>3748.6</b> 50	ZES 35 <b>3748.6</b> 50	ZES 35 <b>3748.6</b> 50	ZES 35 <b>3748.6</b> 50
PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20	PS 2.3 <b>2007.0</b> 20
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480	PC-BSTR 10X12/24 WH <b>28349.7</b> 480

## PushIn connection system FRK | FSL

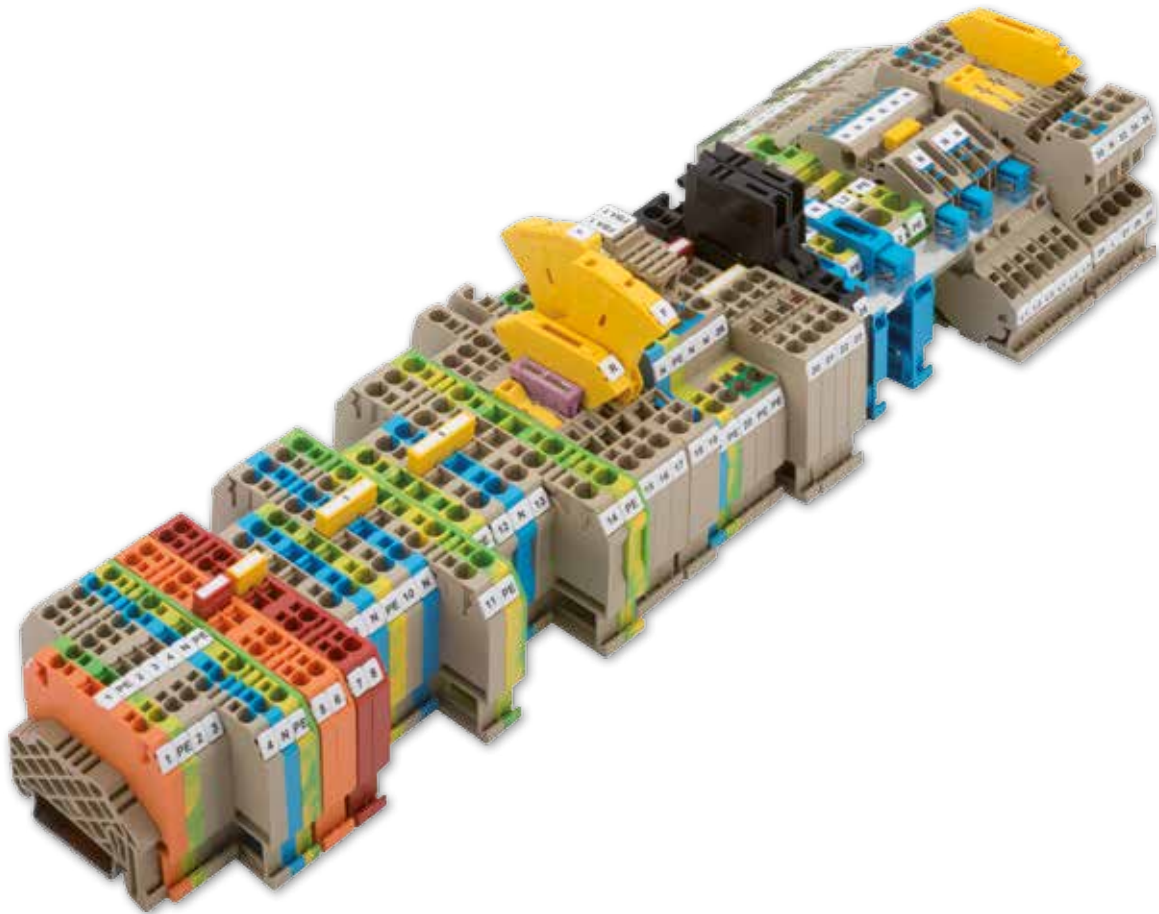


**CONTA-CLIP** offers an innovative line of products featuring the PushIn connection system.

They range from the smallest cross-sections of 0.2 mm<sup>2</sup> up to 16 mm<sup>2</sup> in the feed-through, PE, disconnect, fuse, initiator and installation terminal versions.

This system can be used for a large variety of applications with only a minimal number of accessory parts. The pressure-spring TOP mechanism provides safe and quick connections for solid and stranded wires, with or without wire-end ferrules. Our well-designed line of accessories allows you to significantly reduce your installation and storage costs. The **FQI** pluggable potential distribution system can be used to multiply potential voltages vertically. For this product line, **CONTA-CLIP** uses pollutant-free insulating material with a V-0 flammability class that is self-extinguishing in accordance with UL 94.

As with all **CONTA-CLIP** PE terminals, the **FSL** terminals also implement a two-sided contact with the DIN rail. In all the **FSL** series, the foot construction and busbar are made of a single piece of copper. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.



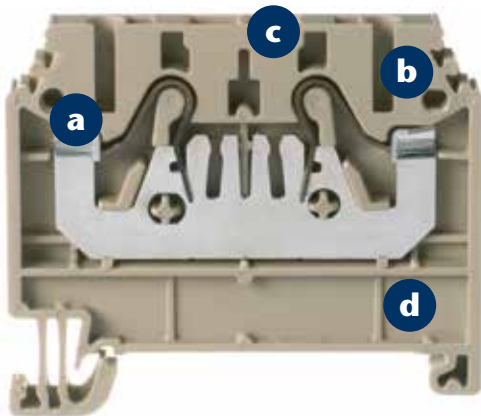
# PushIn connection system FRK | FSL

## Features

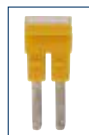
### a The connection | Contact reliability

The pressure 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 between electrical and mechanical functions
- Busbars made of copper with tin surface treatment
- One-piece construction of busbar and PE foot contact with no contact resistances
- Resistant to vibration and maintenance-free
- Corrosion-free
- Space-saving design



### c Pluggable cross-connection options



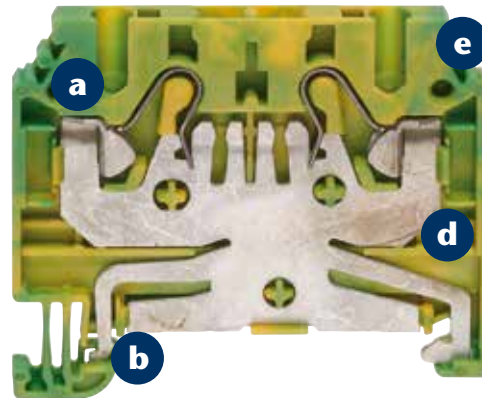
Distributing potentials with the pluggable **FQI** cross-connection system is quick and easy. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections from 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup>.  
rated cross-sections of 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup>.

- Available with from 2 to 10 poles
- Simple to insert and thus quicker to install
- No insulation plates or partition plates required between neighbouring cross-connections, since the **FQIs** 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.

### b Wiring is simple and quick – no tools needed for the connection

The easy-to-operate pressure-spring connection mechanism – for solid and stranded wires with wire-end ferrules – reduces wiring time by up to 80%.

- Easy to work with
- Wire connection without tools
- Generous wire-entry geometry
- Simple to use even under cramped conditions thanks to the TOP connection
- Saves time and money
- PE foot contact on both sides – can be snapped on (no screws) to **TS 35x7.5** and **TS 35x15** DIN rails.



### d Housing insulation material

- Polyamide PA6.6 UL 94, flammability class V-0, 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

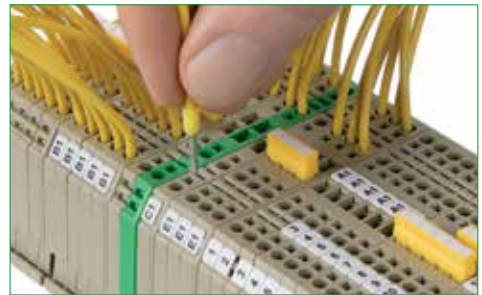
One marking option per connection. If both cross-connection channels are not being used, two additional markers can be positioned with the standard terminals of 1.5 mm<sup>2</sup> to 4 mm<sup>2</sup>.

## PushIn system FRK | FSL

### An overview of the advantages

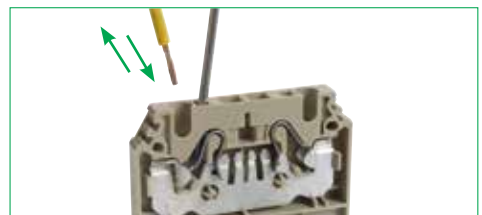
#### Connection without tools

The **FRK** PushIn connection requires much less insertion force. This makes it easy to insert solid or stranded wires with 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.



#### Releasing and separating the contact

A standard screwdriver can be used to open the pressure spring and separate the wire contact or the connection of the stranded wires with wire-end ferrules.



#### Cross-connection system

When using a doubled cross-connection channel, the two-pole **FQI.../2** cross-connectors can be used to connect any number of terminals with each other.



#### Distributing potentials

The cross-connector is available with from 2 to 10 poles. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 1.5 mm<sup>2</sup>, 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. Separated contact elements can be labelled using the plastic insulation of the cross-connector.



#### Power feed with small cross-sections

With pressure-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 **FQI** cross-connection system can carry the rated voltage and rated current.





## PushIn connection system FRK | FSL

### *An overview of the advantages*

#### 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.



#### Special marking options

For the multi-level terminals, in addition to the standard holder in the terminal housing you can also make clear labels – even when the terminal is wired up – by using the **FBA** identification adapter. The pluggable **FBA** is attached to the middle of the terminal housing.



#### An effective and comprehensive product range

Feed-through and PE terminals in the cross-sections 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup> are available in 2-, 3-, and 4-wire systems. The standard feed-through terminals in 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup> have two bridging channels. The product line also includes standard terminals and functional terminals including fuse-disconnect terminals, initiator terminals, disconnect terminals and installation terminals.



#### A comprehensive line of accessories

- DIN rails
- Mechanical attachment | End stops
- Group marker holders
- End plates | Visual separation
- Cross-connections (potential distribution)
- Covers

Feed-through terminals FRK | Protective earth terminals FSL

PushIn connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

Connection diagram

FRK 1.5/2A	FSL 1.5/2A	FRK 1.5/3A
Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections

Connection type

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.**

Type Colour

**Cat. no.**

Colour variants

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 (flexible), mm<sup>2</sup>

Finely-stranded | finely-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 option

Accessories

End plate FAP

**Cat. no.**

Insulated cross-connector FQI

**Cat. no.**

2 poles

Insulated cross-connector FQI

**Cat. no.**

3 poles

Insulated cross-connector FQI

**Cat. no.**

4 poles

Insulated cross-connector FQI

**Cat. no.**

5 poles

Insulated cross-connector FQI

**Cat. no.**

6 poles

Insulated cross-connector FQI

**Cat. no.**

7 poles

Insulated cross-connector FQI

**Cat. no.**

8 poles

Insulated cross-connector FQI

**Cat. no.**

9 poles

Insulated cross-connector FQI

**Cat. no.**

10 poles

labelling adapter FBA

**Cat. no.**

Four-way cover FAD

**Cat. no.**

End stop ZES

**Cat. no.**

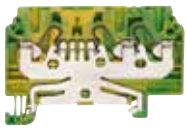

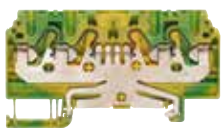
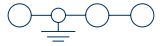
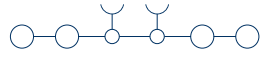

Screwdriver SDB

**Cat. no.**

Quick marking PMC SB

**Cat. no.**

PushIn	PushIn	PushIn
48.5 x 4.1 x 43	48.5 x 4.1 x 43	59.5 x 4.1 x 43
Qty.	Qty.	Qty.
FRK 1.5/2A BG <b>3200.2</b> 100	FSL 1.5/2A GNYE <b>3203.2</b> 100	FRK 1.5/3A BG <b>3201.2</b> 100
FRK 1.5/2A BU <b>3200.5</b> 100		FRK 1.5/3A BU <b>3201.5</b> 100
FRK 1.5/2A OG <b>3200.3</b> 100		FRK 1.5/3A OG <b>3201.3</b> 100
IEC	CSAus	CSA
800	300	300
17.5	16	16
1.5   24-16	1.5   24-16	1.5   24-16
8   3	8   3	8   3
A1   V-0	A1   V-0	A1   V-0
0.2-1.5   -	0.2-1.5   -	0.2-1.5   -
0.2-1.5   0.2-1.5	0.2-1.5   0.2-1.5	0.2-1.5   0.2-1.5
0.2-1.5	0.2-1.5	0.2-1.5
12	12	12
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
2   -	2   -	2   -
Qty.	Qty.	Qty.
FAP 1.5-4/2A BG <b>3400.2</b> 20	FAP 1.5-4/2A GN <b>3400.1</b> 20	FAP 1.5/3A BG <b>3401.2</b> 20
FQI 1.5/2 YE <b>3452.8</b> 50		FQI 1.5/2 YE <b>3452.8</b> 50
FQI 1.5/3 YE <b>3453.8</b> 50		FQI 1.5/3 YE <b>3453.8</b> 50
FQI 1.5/4 YE <b>3454.8</b> 20		FQI 1.5/4 YE <b>3454.8</b> 20
FQI 1.5/5 YE <b>3455.8</b> 20		FQI 1.5/5 YE <b>3455.8</b> 20
FQI 1.5/6 YE <b>3456.8</b> 20		FQI 1.5/6 YE <b>3456.8</b> 20
FQI 1.5/7 YE <b>3457.8</b> 20		FQI 1.5/7 YE <b>3457.8</b> 20
FQI 1.5/8 YE <b>3458.8</b> 10		FQI 1.5/8 YE <b>3458.8</b> 10
FQI 1.5/9 YE <b>3459.8</b> 10		FQI 1.5/9 YE <b>3459.8</b> 10
FQI 1.5/10 YE <b>3450.8</b> 10		FQI 1.5/10 YE <b>3450.8</b> 10
FAD 1.5/4/B YE <b>3425.8</b> 20	FAD 1.5/4/B YE <b>3425.8</b> 20	FAD 1.5/4/B YE <b>3425.8</b> 20
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50
SDB 0.4x2.0,0 <b>3164.0</b> 1	SDB 0.4x2.0,0 <b>3164.0</b> 1	SDB 0.4x2.0,0 <b>3164.0</b> 1
PMC SB 4/50 WH <b>4820.7</b> 500	PMC SB 4/50 WH <b>4820.7</b> 500	PMC SB 4/50 WH <b>4820.7</b> 500

FSL 1.5/3A		FRK 1.5/4A		FSL 1.5/4A			
							
							
Protective earth terminal 3 connections		Feed-through terminal 4 connections		Protective earth terminal 4 connections			
<b>PushIn</b> 59.5 x 4.1 x 43		<b>PushIn</b> 72.2 x 4.1 x 43		<b>PushIn</b> 72.2 x 4.1 x 43			
<b>Qty.</b>		<b>Qty.</b>		<b>Qty.</b>			
FSL 1.5/3A GNYE <b>3204.2</b> 100		FRK 1.5/4A BG <b>3202.2</b> 100		FSL 1.5/4A GNYE <b>3205.2</b> 100			
		FRK 1.5/4A BU <b>3202.5</b> 100					
		FRK 1.5/4A OG <b>3202.3</b> 100					
<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>			
800		800		800			
17.5		17.5		17.5			
1.5   24-16		1.5   24-16		1.5   24-16			
8   3		8   3		8   3			
A1   V-0		A1   V-0		A1   V-0			
0.2-1.5   -		0.2-1.5   -		0.2-1.5   -			
0.2-1.5   0.2-1.5		0.2-1.5   0.2-1.5		0.2-1.5   0.2-1.5			
0.2-1.5		0.2-1.5		0.2-1.5			
12		12		12			
PA 6.6   -40 to +120°C		PA 6.6   -40 to +120°C		PA 6.6   -40 to +120°C			
2   -		2   -		2   -			
<b>Qty.</b>		<b>Qty.</b>		<b>Qty.</b>			
FAP 1.5/3A GN <b>3401.1</b> 20		FAP 1.5/4A BG <b>3402.2</b> 20		FAP 1.5/4A GN <b>3402.1</b> 20			
		FQI 1.5/2 YE <b>3452.8</b> 50					
		FQI 1.5/3 YE <b>3453.8</b> 50					
		FQI 1.5/4 YE <b>3454.8</b> 20					
		FQI 1.5/5 YE <b>3455.8</b> 20					
		FQI 1.5/6 YE <b>3456.8</b> 20					
		FQI 1.5/7 YE <b>3457.8</b> 20					
		FQI 1.5/8 YE <b>3458.8</b> 10					
		FQI 1.5/9 YE <b>3459.8</b> 10					
		FQI 1.5/10 YE <b>3450.8</b> 10					
FAD 1.5/4/B YE <b>3425.8</b> 20		FAD 1.5/4/B YE <b>3425.8</b> 20		FAD 1.5/4/B YE <b>3425.8</b> 20			
ZES 35/2 BG <b>3811.2</b> 50		ZES 35/2 BG <b>3811.2</b> 50		ZES 35/2 BG <b>3811.2</b> 50			
SDB 0.4x2.0,0 <b>3164.0</b> 1		SDB 0.4x2.0,0 <b>3164.0</b> 1		SDB 0.4x2.0,0 <b>3164.0</b> 1			
PMC SB 4/50 WH <b>4820.7</b> 500		PMC SB 4/50 WH <b>4820.7</b> 500		PMC SB 4/50 WH <b>4820.7</b> 500			

**Feed-through terminals FRK | Protective earth terminals FSL**

**PushIn connection system**



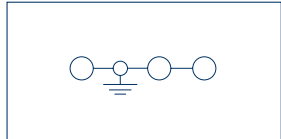
- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

**Connection diagram**

FRK 2.5/2A	FSL 2.5/2A	FRK 2.5/3A
Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections

Connection type	FRK 2.5/2A	FSL 2.5/2A	FRK 2.5/3A
Size (L x W x H) mm with TS 35 x 7.5 mm	48.5 x 5.1 x 43	48.5 x 5.1 x 43	63.1 x 5.1 x 43
<b>Type</b>	<b>PushIn</b>	<b>PushIn</b>	<b>PushIn</b>
Type Colour	FRK 2.5/2A BG	FSL 2.5/2A GNYE	FRK 2.5/3A BG
<b>Cat. no.</b>	<b>3210.2</b>	<b>3213.2</b>	<b>3211.2</b>
Type Colour	FRK 2.5/2A BU		FRK 2.5/3A BU
<b>Cat. no.</b>	<b>3210.5</b>		<b>3211.5</b>
Type Colour	FRK 2.5/2A OG		FRK 2.5/3A OG
<b>Cat. no.</b>	<b>3210.3</b>		<b>3211.3</b>
Type Colour			
<b>Cat. no.</b>			
Colour variants			
<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	800 600 600
Rated current, A	24 21 21	24 21 21	24 21 21
Rated wire cross-section, mm <sup>2</sup>   AWG	2.5   26-12	2.5   26-12	2.5   26-12
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   V-0	A3   V-0	A3   V-0
<b>Connection data</b>			
Single wire (solid)   stranded (flexible), mm <sup>2</sup>	0.2-4   -	0.2-4   -	0.2-4   -
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
Contact wire range, mm <sup>2</sup>	0.2-4	0.2-4	0.2-4
Stripping length, mm	12	12	12
<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 option	2   -	2   -	2   -
<b>Accessories</b>			
End plate FAP	FAP 1.5-4/2A BG	FAP 1.5-4/2A GN	FAP 2.5/3A BG
<b>Cat. no.</b>	<b>3400.2</b>	<b>3400.1</b>	<b>3411.2</b>
Insulated cross-connector FQI	FQI 2.5/2 YE		FQI 2.5/2 YE
<b>Cat. no.</b>	<b>3462.8</b>		<b>3462.8</b>
Insulated cross-connector FQI	FQI 2.5/3 YE		FQI 2.5/3 YE
<b>Cat. no.</b>	<b>3463.8</b>		<b>3463.8</b>
Insulated cross-connector FQI	FQI 2.5/4 YE		FQI 2.5/4 YE
<b>Cat. no.</b>	<b>3464.8</b>		<b>3464.8</b>
Insulated cross-connector FQI	FQI 2.5/5 YE		FQI 2.5/5 YE
<b>Cat. no.</b>	<b>3465.8</b>		<b>3465.8</b>
Insulated cross-connector FQI	FQI 2.5/6 YE		FQI 2.5/6 YE
<b>Cat. no.</b>	<b>3466.8</b>		<b>3466.8</b>
Insulated cross-connector FQI	FQI 2.5/7 YE		FQI 2.5/7 YE
<b>Cat. no.</b>	<b>3467.8</b>		<b>3467.8</b>
Insulated cross-connector FQI	FQI 2.5/8 YE		FQI 2.5/8 YE
<b>Cat. no.</b>	<b>3468.8</b>		<b>3468.8</b>
Insulated cross-connector FQI	FQI 2.5/9 YE		FQI 2.5/9 YE
<b>Cat. no.</b>	<b>3469.8</b>		<b>3469.8</b>
Insulated cross-connector FQI	FQI 2.5/10 YE		FQI 2.5/10 YE
<b>Cat. no.</b>	<b>3460.8</b>		<b>3460.8</b>
labelling adapter FBA			
<b>Cat. no.</b>			
Four-way cover FAD	FAD 2.5/4/B YE	FAD 2.5/4/B YE	FAD 2.5/4/B YE
<b>Cat. no.</b>	<b>3426.8</b>	<b>3426.8</b>	<b>3426.8</b>
End stop ZES	ZES 35/2 BG	ZES 35/2 BG	ZES 35/2 BG
<b>Cat. no.</b>	<b>3811.2</b>	<b>3811.2</b>	<b>3811.2</b>
Screwdriver SDB	SDB 0.5x3.0	SDB 0.5x3.0	SDB 0.5x3.0
<b>Cat. no.</b>	<b>1085.0</b>	<b>1085.0</b>	<b>1085.0</b>
Quick marking PMC SB	PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
<b>Cat. no.</b>	<b>4600.7</b>	<b>4600.7</b>	<b>4600.7</b>

**FSL 2.5/3A**



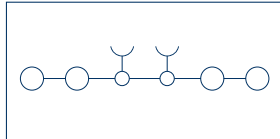
Protective earth terminal  
3 connections

**PushIn**  
63.1 x 5.1 x 43

**Qty.**

FSL 2.5/3A GNYE  
**3214.2** 100

**FRK 2.5/4A**



Feed-through terminal  
4 connections

**PushIn**  
77.7 x 5.1 x 43

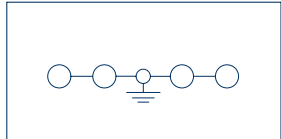
**Qty.**

FRK 2.5/4A BG  
**3212.2** 100

FRK 2.5/4A BU  
**3212.5** 100

FRK 2.5/4A OG  
**3212.3** 100

**FSL 2.5/4A**



Protective earth terminal  
4 connections

**PushIn**  
77.7 x 5.1 x 43

**Qty.**

FSL 2.5/4A GNYE  
**3215.2** 100

**IEC CSAAus CSA**

800 600 600

24 21 21

2.5 | 26-12  
8 | 3  
A3 | V-0

0.2-4 | -  
0.2-4 | 0.2-2.5

0.2-4  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 2.5/3A GNY  
**3411.1** 20

**IEC CSAAus CSA**

800 600 600

24 21 21

2.5 | 26-12  
8 | 3  
A3 | V-0

0.2-4 | -  
0.2-4 | 0.2-2.5

0.2-4  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 2.5/4A BG  
**3412.2** 20

FQI 2.5/2 YE  
**3462.8** 50

FQI 2.5/3 YE  
**3463.8** 50

FQI 2.5/4 YE  
**3464.8** 20

FQI 2.5/5 YE  
**3465.8** 20

FQI 2.5/6 YE  
**3466.8** 20

FQI 2.5/7 YE  
**3467.8** 20

FQI 2.5/8 YE  
**3468.8** 10

FQI 2.5/9 YE  
**3469.8** 10

FQI 2.5/10 YE  
**3460.8** 10

FAD 2.5/4/B YE  
**3426.8** 20

ZES 35/2 BG  
**3811.2** 50

SDB 0.5x3.0  
**1085.0** 1

PMC SB 5/50 WH  
**4600.7** 500

**IEC CSAAus CSA**

800 600 600

24 21 21

2.5 | 26-12  
8 | 3  
A3 | V-0

0.2-4 | -  
0.2-4 | 0.2-2.5

0.2-4  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 2.5/4A GN  
**3412.1** 20

FAD 2.5/4/B YE  
**3426.8** 20

ZES 35/2 BG  
**3811.2** 50

SDB 0.5x3.0  
**1085.0** 1

PMC SB 5/50 WH  
**4600.7** 500

**Feed-through terminals FRK | Protective earth terminals FSL**

**PushIn connection system**



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

**Connection diagram**

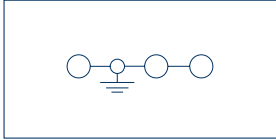
FRK 4/2A	FSL 4/2A	FRK 4/3A
Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections

**Connection type**

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

Type	FRK 4/2A	FSL 4/2A	FRK 4/3A
<b>PushIn</b>	<b>PushIn</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H) mm with TS 35 x 7.5 mm	48.5 x 6.1 x 43	48.5 x 6.1 x 43	64.3 x 6.1 x 43
<b>Type</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
Type Colour	FRK 4/2A BG <b>3220.2</b>	FSL 4/2A GNYE <b>3223.2</b>	FRK 4/3A BG <b>3221.2</b>
<b>Cat. no.</b>			
Type Colour	FRK 4/2A BU <b>3220.5</b>		FRK 4/3A BU <b>3221.5</b>
<b>Cat. no.</b>			
Type Colour	FRK 4/2A OG <b>3220.3</b>		FRK 4/3A OG <b>3221.3</b>
<b>Cat. no.</b>			
Type Colour			
<b>Cat. no.</b>			
Colour variants			
<b>Ratings</b>	<b>IEC</b>	<b>CSAus</b>	<b>CSA</b>
Rated voltage, V	800	600	600
Rated current, A	32	35	35
Rated wire cross-section, mm <sup>2</sup>   AWG	4   20-10	4   20-10	4   20-10
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	A4   V-0	A4   V-0	A4   V-0
<b>Connection data</b>			
Single wire (solid)   stranded (flexible), mm <sup>2</sup>	0.2-6   -	0.2-6   -	0.2-6   -
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-6   0.2-4	0.2-6   0.2-4	0.2-6   0.2-4
Contact wire range, mm <sup>2</sup>	0.2-6	0.2-6	0.2-6
Stripping length, mm	12	12	12
<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 option	2   -	2   -	2   -
<b>Accessories</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
End plate FAP	FAP 1.5-4/2A BG <b>3400.2</b>	FAP 1.5-4/2A GN <b>3400.1</b>	FAP 4/3A BG <b>3421.2</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/2 YE <b>3472.8</b>		FQI 4/2 YE <b>3472.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/3 YE <b>3473.8</b>		FQI 4/3 YE <b>3473.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/4 YE <b>3474.8</b>		FQI 4/4 YE <b>3474.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/5 YE <b>3475.8</b>		FQI 4/5 YE <b>3475.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/6 YE <b>3476.8</b>		FQI 4/6 YE <b>3476.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/7 YE <b>3477.8</b>		FQI 4/7 YE <b>3477.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/8 YE <b>3478.8</b>		FQI 4/8 YE <b>3478.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/9 YE <b>3479.8</b>		FQI 4/9 YE <b>3479.8</b>
<b>Cat. no.</b>			
Insulated cross-connector FQI	FQI 4/10 YE <b>3470.8</b>		FQI 4/10 YE <b>3470.8</b>
<b>Cat. no.</b>			
labelling adapter FBA			
<b>Cat. no.</b>			
Four-way cover FAD	FAD 4/4/B YE <b>3427.8</b>	FAD 4/4/B YE <b>3427.8</b>	FAD 4/4/B YE <b>3427.8</b>
<b>Cat. no.</b>			
End stop ZES	ZES 35/2 BG <b>3811.2</b>	ZES 35/2 BG <b>3811.2</b>	ZES 35/2 BG <b>3811.2</b>
<b>Cat. no.</b>			
Screwdriver SDB	SDB 0.6x3.5 <b>1086.0</b>	SDB 0.6x3.5 <b>1086.0</b>	SDB 0.6x3.5 <b>1086.0</b>
<b>Cat. no.</b>			
Quick marking PMC SB	PMC SB 6/50 WH <b>4702.7</b>	PMC SB 6/50 WH <b>4702.7</b>	PMC SB 6/50 WH <b>4702.7</b>
<b>Cat. no.</b>			



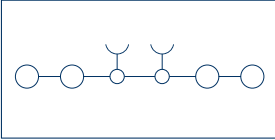
**FSL 4/3A**

Protective earth terminal  
3 connections

**PushIn**  
64.3 x 6.1 x 43

**Qty.**

FSL 4/3A GNYE  
**3224.2** 100

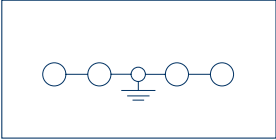
**FRK 4/4A**

Feed-through terminal  
4 connections

**PushIn**  
80 x 6.1 x 43

**Qty.**

FRK 4/4A BG  
**3222.2** 100  
FRK 4/4A BU  
**3222.5** 100  
FRK 4/4A OG  
**3222.3** 100

**FSL 4/4A**

Protective earth terminal  
4 connections

**PushIn**  
80 x 6.1 x 43

**Qty.**

FSL 4/4A GNYE  
**3225.2** 100

**IEC**

**CSAus** **CSA**

800 600 600  
32 35 35

4 | 20-10  
8 | 3  
A4 | V-0

0.2-6 | -  
0.2-6 | 0.2-4  
0.2-6  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 4/3A GN  
**3421.1** 20

**IEC**

**CSAus** **CSA**

800 600 600  
32 35 35

4 | 20-10  
8 | 3  
A4 | V-0

0.2-6 | -  
0.2-6 | 0.2-4  
0.2-6  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 4/4A BG  
**3422.2** 20

FQI 4/2 YE  
**3472.8** 50

FQI 4/3 YE  
**3473.8** 50

FQI 4/4 YE  
**3474.8** 20

FQI 4/5 YE  
**3475.8** 20

FQI 4/6 YE  
**3476.8** 20

FQI 4/7 YE  
**3477.8** 20

FQI 4/8 YE  
**3478.8** 10

FQI 4/9 YE  
**3479.8** 10

FQI 4/10 YE  
**3470.8** 10

FAD 4/4/B YE  
**3427.8** 20

ZES 35/2 BG  
**3811.2** 50

SDB 0.6x3.5  
**1086.0** 1

PMC SB 6/50 WH  
**4702.7** 500

**IEC**

**CSAus** **CSA**

800 600 600  
32 35 35

4 | 20-10  
8 | 3  
A4 | V-0

0.2-6 | -  
0.2-6 | 0.2-4  
0.2-6  
12

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAP 4/4A GN  
**3422.1** 20

FAD 4/4/B YE  
**3427.8** 20

ZES 35/2 BG  
**3811.2** 50

SDB 0.6x3.5  
**1086.0** 1

PMC SB 6/50 WH  
**4702.7** 500

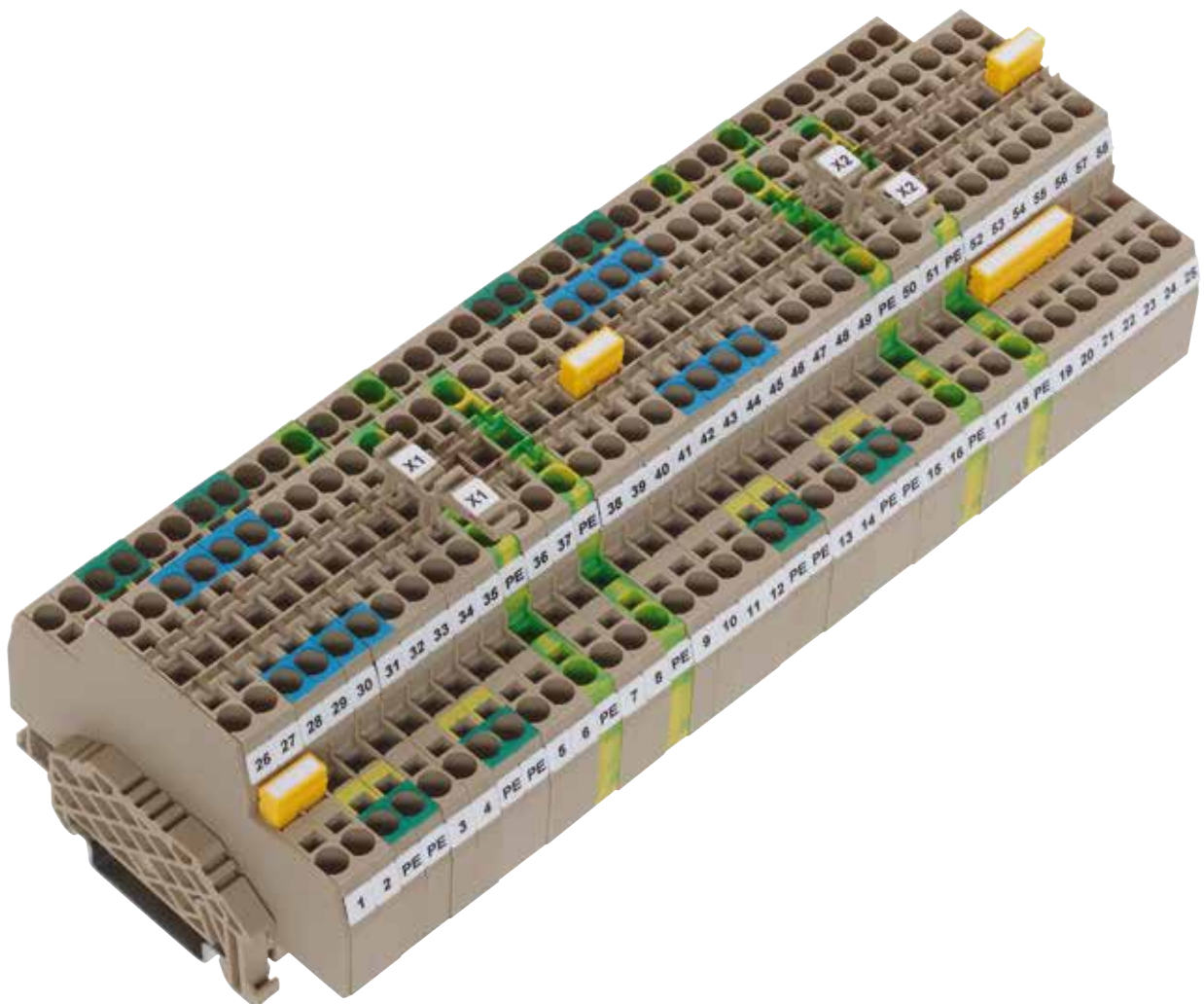
Double-level terminal blocks FRKD 2.5 | Double-level PE terminals FSLD 2.5



With a width of just 5 mm, the **FRKD2.5** series is available in thirteen versions and connects with stranded or solid wires up to 4 mm<sup>2</sup> with a rated current of up to 24 A. Solid wires and flexible wires with wire-end ferrules can be inserted into the PushIn connection mechanism without the need for tools. The pressure spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release or for the insertion of stranded wire without ferrules.

The **CONTA-CLIP** PE foot on both sides makes contact with the DIN rail. This **CONTA-CLIP** design does use more material but it offers an advantage in terms of additional safety and security for the PE conductor's contact.

In all the **FSL** series, the foot construction and busbar are made of a single piece of copper. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot. Each of the pressure-spring terminal blocks can be equipped with the standard accessories: the **FQI 2.5** (cross connector) and the **PMC SB 5** (Pocket-Maxicard quick marking system).



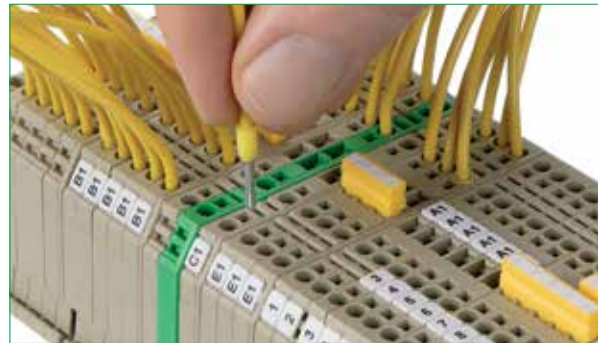
## Double-level terminal blocks FRKD 2.5 | Double-level PE terminals FSLD 2.5

### The features in detail

#### Wire connections

Solid and flexible wires (with or without wire end ferrules) can be inserted into the connection system without the need for an actuating tool.

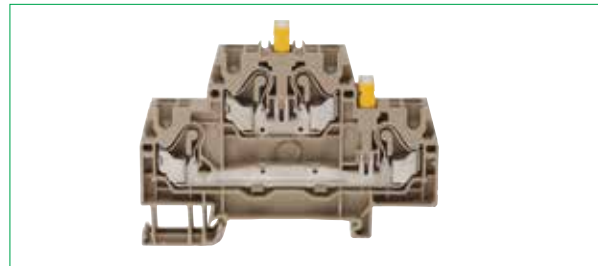
The pressure spring opens automatically as the wire is fed in and makes a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release when inserting or removing the stranded wire without ferrules. (Connection cross-section: 4 mm<sup>2</sup>, rated current: 24 A)



#### Cross-connection system

The upper and lower levels can be cross-connected using the **FQI 2.5/...** standard cross-connections.

The **FQI** insulated cross-connections have a pluggable design. They are available with from 2 to 10 poles. They can safely distribute the rated current of the **FRKD** terminals.



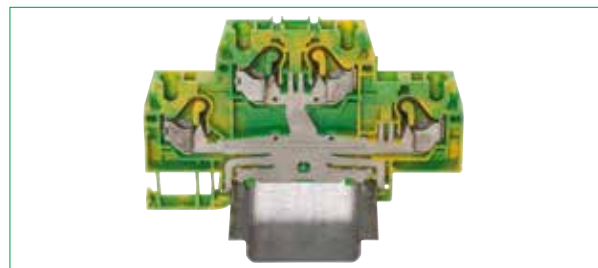
#### Colour labelling

The upper and lower levels are colour-coded. (e.g. **FRKD 2.5 N-PE**)



#### Connecting the PE foot onto the DIN rail

As with all **CONTA-CLIP** PE terminals, the **FSLD** terminals also implement a two-sided contact with the DIN rail. In all the **FSL** series, the foot construction and busbar are made of a single piece of copper. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.



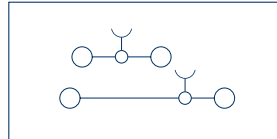
**Double-level terminal blocks FRKD | Double-level PE terminal FSLD**

**PushIn connection system**

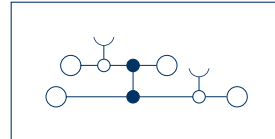


- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

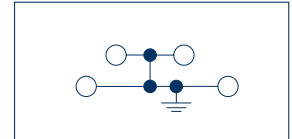
**Connection diagram**



Feed-through terminal  
2 x 2 connections



Feed-through terminal  
4 connections



Protective earth terminal  
4 connections

**Connection type**

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

**Type**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Colour variants

**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 (flexible), mm<sup>2</sup>

Finely-stranded | finely-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 option

**Accessories**

End plate FAP

**Cat. no.**

Insulated cross-connector FQI

**Cat. no.**

2 poles

Insulated cross-connector FQI

**Cat. no.**

3 poles

Insulated cross-connector FQI

**Cat. no.**

4 poles

Insulated cross-connector FQI

**Cat. no.**

5 poles

Insulated cross-connector FQI

**Cat. no.**

6 poles

Insulated cross-connector FQI

**Cat. no.**

7 poles

Insulated cross-connector FQI

**Cat. no.**

8 poles

Insulated cross-connector FQI

**Cat. no.**

9 poles

Insulated cross-connector FQI

**Cat. no.**

10 poles

Labelling adapter FBA

**Cat. no.**

Four-way cover FAD

**Cat. no.**

End stop ZES

**Cat. no.**

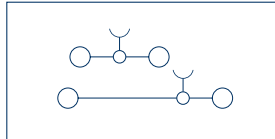
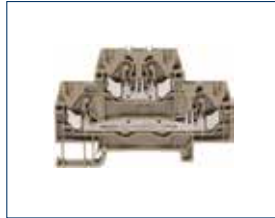
Screwdriver SDB

**Cat. no.**

Quick marking PMC SB

**Cat. no.**

**FRKD 2.5**



Feed-through terminal  
2 x 2 connections

**PushIn**

75.4 x 5.1 x 53

75.4 x 5.1 x 66

**Qty.**

FRKD 2.5 BG

**3226.2** 100

FRKD 2.5 BU

**3226.5** 100

FRKD 2.5 OG

**3226.3** 100

② ⑤ ③ ① ⑧ ⑨

**IEC**

500

24

300

6 | 3

A3

V-0

2.5 | 26-12

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

PA 6.6 | -40 to +120°C

2 | -

**Qty.**

FAPD 2.5 BG

**3423.2** 20

FQI 2.5/2 YE

**3462.8** 50

FQI 2.5/3 YE

**3463.8** 50

FQI 2.5/4 YE

**3464.8** 20

FQI 2.5/5 YE

**3465.8** 20

FQI 2.5/6 YE

**3466.8** 20

FQI 2.5/7 YE

**3467.8** 20

FQI 2.5/8 YE

**3468.8** 10

FQI 2.5/9 YE

**3469.8** 10

FQI 2.5/10 YE

**3460.8** 10

FBA 1 BG

**3424.2** 50

FAD 2.5/4/B YE

**3426.8** 20

ZES 35/2 BG

**3811.2** 50

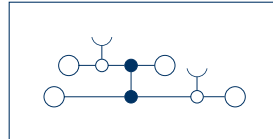
SDB 0.4x2.0

**3164.0** 1

PMC SB 5/50 WH

**4600.7** 500

**FRKD 2.5/SV**



Feed-through terminal  
4 connections

**PushIn**

75.4 x 5.1 x 53

75.4 x 5.1 x 66

**Qty.**

FRKD 2.5/SV BG

**3227.2** 100

FRKD 2.5/SV BU

**3227.5** 100

FRKD 2.5/SV OG

**3227.3** 100

② ⑤ ③ ① ⑧ ⑨

**IEC**

500

24

300

6 | 3

A3

V-0

2.5 | 26-12

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

PA 6.6 | -40 to +120°C

2 | -

**Qty.**

FAPD 2.5 BG

**3423.2** 20

FQI 2.5/2 YE

**3462.8** 50

FQI 2.5/3 YE

**3463.8** 50

FQI 2.5/4 YE

**3464.8** 20

FQI 2.5/5 YE

**3465.8** 20

FQI 2.5/6 YE

**3466.8** 20

FQI 2.5/7 YE

**3467.8** 20

FQI 2.5/8 YE

**3468.8** 10

FQI 2.5/9 YE

**3469.8** 10

FQI 2.5/10 YE

**3460.8** 10

FBA 1 BG

**3424.2** 50

FAD 2.5/4/B YE

**3426.8** 20

ZES 35/2 BG

**3811.2** 50

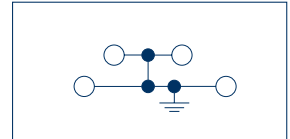
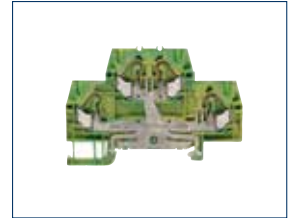
SDB 0.4x2.0

**3164.0** 1

PMC SB 5/50 WH

**4600.7** 500

**FSLD 2.5**



Protective earth terminal  
4 connections

**PushIn**

75.4 x 5.1 x 53

75.4 x 5.1 x 66

**Qty.**

FSLD 2.5 GNYE

**3236.2** 100

②

**IEC**

500

24

300

6 | 3

A3

V-0

2.5 | 26-12

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4





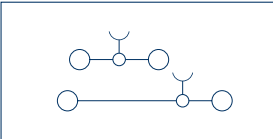
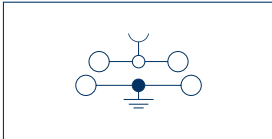
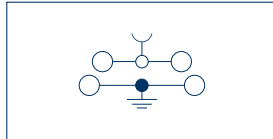
PA 6.6 | -40 to +120°C

2 | -

**Qty.**

FAPD 2.5 GN

**3423.1** 20

FRKD 2.5/N/DU	FRKD 2.5/DU/PE	FRKD 2.5/N/PE	FBA 1	
				
				
Feed-through terminal 2 x 2 connections	Feed-through/PE terminal, 2 x 2 connections	Feed-through/PE terminal, 2 x 2 connections	Labelling adapters	
<b>PushIn</b> 75.4 x 5.1 x 53 75.4 x 5.1 x 66	<b>PushIn</b> 75.4 x 5.1 x 53 75.4 x 5.1 x 66	<b>PushIn</b> 75.4 x 5.1 x 53 75.4 x 5.1 x 66	22 x 5 x 13	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FRKD 2.5/N/DU <b>3233.2</b> 100	FRKD 2.5/DU/PE <b>3234.2</b> 100	FRKD 2.5 N-PE BG <b>3235.2</b> 100	FBA 1 BG <b>3424.2</b> 50	

②			②			②				
IEC	cCSAus	cCSAus	IEC	cCSAus	cCSAus	IEC	cCSAus	cCSAus		
500	300	600	500	300	600	500	300	600		
24	20	5	24	20	5	24	20	5		
2.5   26-12			2.5   26-12			2.5   26-12				
6   3			6   3			6   3				
A3   V-0			A3   V-0			A3   V-0				
0.2-4   -			0.2-4   -			0.2-4   -				
0.2-4   0.2-2.5			0.2-4   0.2-2.5			0.2-4   0.2-2.5				
0.2-4			0.2-4			0.2-4				
12			12			12				
PA 6.6   -40 to +120°C			PA 6.6   -40 to +120°C			PA 6.6   -40 to +120°C				
2   -			2   -			2   -				
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>		
FAPD 2.5 BG <b>3423.2</b> 20	FAPD 2.5 BG <b>3423.2</b> 20	FAPD 2.5 BG <b>3423.2</b> 20								
FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50								
FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50								
FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20								
FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20								
FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20								
FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20								
FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10								
FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10								
FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10								
FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50								
FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20								
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50								
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1								
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500								



**Double-level terminals with electronic components FRKD**

**PushIn connection system**



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

**Connection diagram**

FRKD 2.5/LED1	FRKD 2.5/LED2	FRKD 2.5/D1
Feed-through terminal 2 x 2 connections	Feed-through terminal 2 x 2 connections	Feed-through terminal 2 x 2 connections

**Connection type**

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

**Type**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Colour variants

**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 (flexible), mm<sup>2</sup>

Finely-stranded | finely-stranded (w/ferrules acc. to DIN 46 228/1), mm<sup>2</sup>

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

Stripping length, mm

Cross-current via LED, mA

**Features**

Material of insulated housing | Temperature range

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

**Accessories**

End plate FAPD

**Cat. no.**

Insulated cross-connector FQI

**Cat. no.**

2 poles

Insulated cross-connector FQI

**Cat. no.**

3 poles

Insulated cross-connector FQI

**Cat. no.**

4 poles

Insulated cross-connector FQI

**Cat. no.**

5 poles

Insulated cross-connector FQI

**Cat. no.**

6 poles

Insulated cross-connector FQI

**Cat. no.**

7 poles

Insulated cross-connector FQI

**Cat. no.**

8 poles

Insulated cross-connector FQI

**Cat. no.**

9 poles

Insulated cross-connector FQI

**Cat. no.**

10 poles

Labelling adapter FBA

**Cat. no.**

Four-way cover FAD

**Cat. no.**

End stop ZES

**Cat. no.**

Screwdriver SDB

**Cat. no.**

Quick marking PMC SB

**Cat. no.**

**PushIn**

75.4 x 5.1 x 53

	Qty.
FRKD 2.5/LED1(RD)/24V DC BG	100
<b>3237.2</b>	

**PushIn**

75.4 x 5.1 x 53

	Qty.
FRKD 2.5/LED2(RD)24V DC BG	100
<b>3238.2</b>	

**PushIn**

75.4 x 5.1 x 53

	Qty.
FRKD 2.5/D1 BG	100
<b>3230.2</b>	

②		
IEC	cCSAus	cCSAus
24	24	24
24	24	24
2.5   26-12	2.5   26-12	2.5   26-12
6   3	6   3	6   3
A3   V-0	A3   V-0	A3   V-0
0.2-4   -	0.2-4   -	0.2-4   -
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
0.2-4	0.2-4	0.2-4
12	12	12
5	5	5
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
1   -	1   -	1   -

②		
IEC	cCSAus	cCSAus
24	24	24
24	24	24
2.5   26-12	2.5   26-12	2.5   26-12
6   3	6   3	6   3
A3   V-0	A3   V-0	A3   V-0
0.2-4   -	0.2-4   -	0.2-4   -
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
0.2-4	0.2-4	0.2-4
12	12	12
5	5	5
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
1   -	1   -	1   -





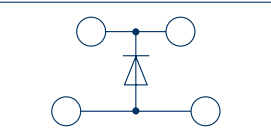
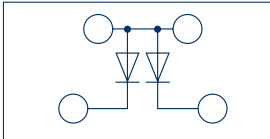
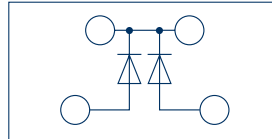
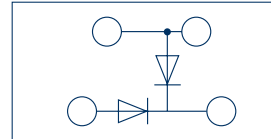
②		
IEC	cCSAus	cCSAus
Soldered diode 1N4007 / reverse voltage 1000 V / current 1 A		
24	24	24
2.5   26-12	2.5   26-12	2.5   26-12
6   3	6   3	6   3
A3   V-0	A3   V-0	A3   V-0
0.2-4   -	0.2-4   -	0.2-4   -
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
0.2-4	0.2-4	0.2-4
12	12	12
-	-	-
PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
2   -	2   -	2   -

	Qty.
FAPD 2.5 BG	20
<b>3423.2</b>	
FQI 2.5/2 YE	50
<b>3462.8</b>	
FQI 2.5/3 YE	50
<b>3463.8</b>	
FQI 2.5/4 YE	20
<b>3464.8</b>	
FQI 2.5/5 YE	20
<b>3465.8</b>	
FQI 2.5/6 YE	20
<b>3466.8</b>	
FQI 2.5/7 YE	20
<b>3467.8</b>	
FQI 2.5/8 YE	10
<b>3468.8</b>	
FQI 2.5/9 YE	10
<b>3469.8</b>	
FQI 2.5/10 YE	10
<b>3460.8</b>	
FAD 2.5/4/B YE	20
<b>3426.8</b>	
ZES 35/2 BG	50
<b>3811.2</b>	
SDB 0.4x2.0	1
<b>3164.0</b>	
PMC SB 5/50 WH	500
<b>4600.7</b>	

	Qty.
FAPD 2.5 BG	20
<b>3423.2</b>	
FQI 2.5/2 YE	50
<b>3462.8</b>	
FQI 2.5/3 YE	50
<b>3463.8</b>	
FQI 2.5/4 YE	20
<b>3464.8</b>	
FQI 2.5/5 YE	20
<b>3465.8</b>	
FQI 2.5/6 YE	20
<b>3466.8</b>	
FQI 2.5/7 YE	20
<b>3467.8</b>	
FQI 2.5/8 YE	10
<b>3468.8</b>	
FQI 2.5/9 YE	10
<b>3469.8</b>	
FQI 2.5/10 YE	10
<b>3460.8</b>	
FAD 2.5/4/B YE	20
<b>3426.8</b>	
ZES 35/2 BG	50
<b>3811.2</b>	
SDB 0.4x2.0	1
<b>3164.0</b>	
PMC SB 5/50 WH	500
<b>4600.7</b>	

	Qty.
FAPD 2.5 BG	20
<b>3423.2</b>	
FQI 2.5/2 YE	50
<b>3462.8</b>	
FQI 2.5/3 YE	50
<b>3463.8</b>	
FQI 2.5/4 YE	20
<b>3464.8</b>	
FQI 2.5/5 YE	20
<b>3465.8</b>	
FQI 2.5/6 YE	20
<b>3466.8</b>	
FQI 2.5/7 YE	20
<b>3467.8</b>	
FQI 2.5/8 YE	10
<b>3468.8</b>	
FQI 2.5/9 YE	10
<b>3469.8</b>	
FQI 2.5/10 YE	10
<b>3460.8</b>	
FBA 1 BG	50
<b>3424.2</b>	
FAD 2.5/4/B YE	20
<b>3426.8</b>	
ZES 35/2 BG	50
<b>3811.2</b>	
SDB 0.4x2.0	1
<b>3164.0</b>	
PMC SB 5/50 WH	500
<b>4600.7</b>	



FRKD 2.5/D2	FRKD 2.5/D3	FRKD 2.5/D4	FRKD 2.5/D5	
				
				
Feed-through terminal 2 x 2 connections	Feed-through terminal 2 x 2 connections	Feed-through terminal 2 x 2 connections	Feed-through terminal 2 x 2 connections	
<b>PushIn</b> 75.4 x 5.1 x 53	<b>PushIn</b> 75.4 x 5.1 x 53	<b>PushIn</b> 75.4 x 5.1 x 53	<b>PushIn</b> 75.4 x 5.1 x 53	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FRKD 2.5/D2 BG <b>3253.2</b> 100	FRKD 2.5/D3 BG <b>3254.2</b> 100	FRKD 2.5/D4 BG <b>3255.2</b> 100	FRKD 2.5/D5 BG <b>3256.2</b> 100	

② IEC cCSAus cCSAus	② IEC cCSAus cCSAus	② IEC cCSAus cCSAus	② IEC cCSAus cCSAus	
Soldered diode 1N4007 / reverse voltage 1000 V / current 1 A	Soldered diode 1N4007 / reverse voltage 1000 V / current 1 A	Soldered diode 1N4007 / reverse voltage 1000 V / current 1 A	Soldered diode 1N4007 / reverse voltage 1000 V / current 1 A	
2.5   26-12	2.5   26-12	2.5   26-12	2.5   26-12	
6   3	6   3	6   3	6   3	
A3   V-0	A3   V-0	A3   V-0	A3   V-0	
0.2-4   -	0.2-4   -	0.2-4   -	0.2-4   -	
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5	
0.2-4	0.2-4	0.2-4	0.2-4	
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	
2   -	2   -	2   -	2   -	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FAPD 2.5 BG <b>3423.2</b> 20	FAPD 2.5 BG <b>3423.2</b> 20	FAPD 2.5 BG <b>3423.2</b> 20	FAPD 2.5 BG <b>3423.2</b> 20	
FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	
FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	
FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	
FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	
FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	
FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	
FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	
FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	
FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	
FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	
FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	

The **FRKD 2.5/3A** | **FSLD 2.5/3A** have a width of 5 mm. Six stranded or solid wires up to 4 mm<sup>2</sup> can be connected, with a rated current up to 24 amps.



FRKD 2.5/3A



FRKD 2.5/3A/SV



FSLD 2.5/3A

Solid wires and flexible wires with wire-end ferrules can be inserted into the PushIn connection mechanism without the need for tools. The pressure spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release or for the insertion of stranded wire without ferrules.

The PE foot from the **FSLD** double-level PE terminal contacts the PE potential to the DIN rail and is designed to contact on both sides. This means that more material is required; however this offers more safety in the area around the protective earth contact.

The foot construction and busbar are made of a single piece of copper. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot. The upper and lower levels can be cross-connected using the **FQI 2.5/...** standard cross-connections.

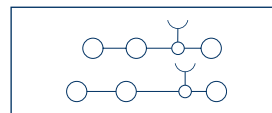
**PushIn connection system**



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

**Connection diagram**

**FRKD 2.5/3A**



Feed-through terminal  
2x3 connections

**Connection type**

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.**

Type / colour

**Cat. no.**

Colour variants

**Ratings**

Rated voltage, V

Rated current, A | Max. current capacity, A

Rated 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 (flexible), mm<sup>2</sup>

Finely-stranded | finely-stranded (w/ferrules: DIN 46 228/1), mm<sup>2</sup>

Clamping area, mm<sup>2</sup>

Stripping length, mm

**Features**

Material of insulated housing | Temperature range

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

**PushIn**

97.5 x 5.1 x 52.5

**Qty.**

FRKD 2.5/3A BG	50
<b>3206.2</b>	
FRKD 2.5/3A BU	50
<b>3206.5</b>	
FRKD 2.5/3A OG	50
<b>3206.3</b>	

IEC*	UL*	CSA*
500	300	300
24	20	20
2.5   26-14		
6   3		
A3   V-0		

0,2 - 4   -
0,2 - 4   0,2 - 2.5
0.2 - 4
12

PA 6.6   -40 to +120°C
2   0

**Accessories**

End plate FAPD

**Cat. no.**

Insulated cross-connector FQI

**Cat. No.**

2-pole

Insulated cross-connector FQI

**Cat. No.**

3-pole

Insulated cross-connector FQI

**Cat. No.**

4-pole

Insulated cross-connector FQI

**Cat. No.**

5-pole

Insulated cross-connector FQI

**Cat. No.**

6-pole

Insulated cross-connector FQI

**Cat. No.**

7-pole

Insulated cross-connector FQI

**Cat. No.**

8-pole

Insulated cross-connector FQI

**Cat. No.**

9-pole

Insulated cross-connector FQI

**Cat. No.**

10-pole

Labelling adapter FBA

**Cat. no.**

Four-way cover FAD

**Cat. no.**

End stop ZES

**Cat. no.**

Screwdriver SDB

**Cat. no.**

Quick marking PMC SB


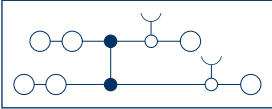
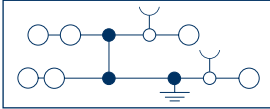
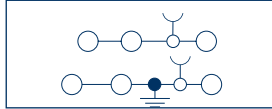
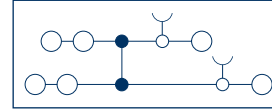
**Cat. no.**

**Qty.**

FAPD 2.5/3A BG	20
<b>17422.2</b>	
FQI 2.5/2 YE	50
<b>3462.8</b>	
FQI 2.5/3 YE	50
<b>3463.8</b>	
FQI 2.5/4 YE	20
<b>3464.8</b>	
FQI 2.5/5 YE	20
<b>3465.8</b>	
FQI 2.5/6 YE	20
<b>3466.8</b>	
FQI 2.5/7 YE	20
<b>3467.8</b>	
FQI 2.5/8 YE	10
<b>3468.8</b>	
FQI 2.5/9 YE	10
<b>3469.8</b>	
FQI 2.5/10 YE	10
<b>3460.8</b>	
FBA 1 BG	50
<b>3424.2</b>	
FAD 2.5/4/B YE	20
<b>3426.8</b>	
ZES 35/2 BG	50
<b>3811.2</b>	
SDB 0.4x2.0	1
<b>3164.0</b>	
PMC SB 5/50 WH	500
<b>4600.7</b>	

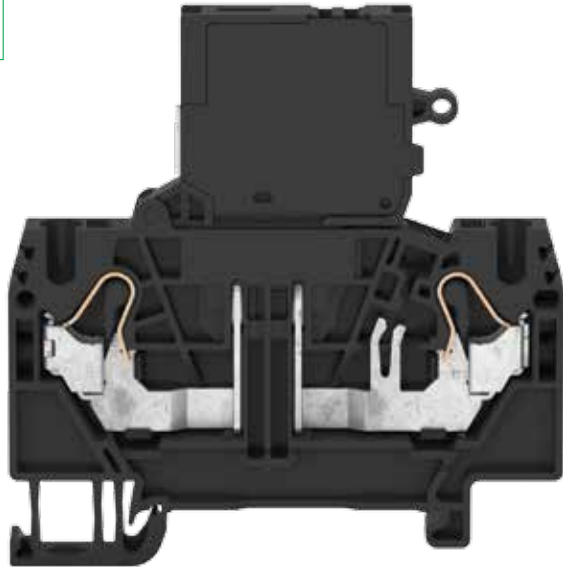
\*Approvals applied for!

## Double-level feed-through terminals FRKD 2.5/3A | Double-level PE terminals FSLD 2.5/3A

FRKD 2.5/3A/SV	FSLD 2.5/3A	FRKD 2.5/3A	FRKD 2.5/3A MI	FRKD 2.5/3A/SV MI
				
				
Feed-through terminal 6 connections	Protective earth terminal 6 connections	Feed-through / PE terminal 2x3 connections	Feed-through / PE terminal 2x3 connections	Feed-through terminal 6 connections
<b>PushIn</b> 97.5 x 5.1 x 52.5	<b>PushIn</b> 97.5 x 5.1 x 52.5	<b>PushIn</b> 97.5 x 5.1 x 52.5	<b>PushIn</b> 97.5 x 5.1 x 52.5	<b>PushIn</b> 97.5 x 5.1 x 52.5
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
FRKD 2.5/3A/SV BG <b>3207.2</b> 50	FSLD 2.5/3A GNYE <b>3208.2</b> 50	FRKD 2.5/3A/DU/PE <b>3209.2</b> 50	FRKD 2.5/3A MI BG <b>3206.2</b> 50	FRKD 2.5/3A/SV MI BG <b>3207.2</b> 50
FRKD 2.5/3A/SV BU <b>3207.5</b> 50				
FRKD 2.5/3A/SV OG <b>3207.3</b> 50				
<b>② ⑤ ③</b>	<b>②</b>	<b>②</b>	<b>②</b>	<b>②</b>
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>
500 300 300	500 300 300	500 300 300	500 300 300	500 300 300
24 20 20	24 20 20	24 20 20	24 20 20	24 20 20
2.5   26-14	2.5   26-14	2.5   26-14	2.5   26-14	2.5   26-14
6   3	6   3	6   3	6   3	6   3
A3   V-0	A3   V-0	A3   V-0	A3   V-0	A3   V-0
0,2 - 4   -	0,2 - 4   -	0,2 - 4   -	0,2 - 4   -	0,2 - 4   -
0,2 - 4   0,2 - 2.5	0,2 - 4   0,2 - 2.5	0,2 - 4   0,2 - 2.5	0,2 - 4   0,2 - 2.5	0,2 - 4   0,2 - 2.5
0.2 - 4	0.2 - 4	0.2 - 4	0.2 - 4	0.2 - 4
12	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	PA 6.6   -40 to +120°C
2   0	2   0	2   0	2   0	2   0
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
FAPD 2.5/3A BG <b>17422.2</b> 20	FAPD 2.5/3A GN <b>17422.1</b> 20	FAPD 2.5/3A BG <b>17422.2</b> 20	FAPD 2.5/3A BG <b>17422.2</b> 20	FAPD 2.5/3A BG <b>17422.2</b> 20
FQI 2.5/2 YE <b>3462.8</b> 50		FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50
FQI 2.5/3 YE <b>3463.8</b> 50		FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50
FQI 2.5/4 YE <b>3464.8</b> 20		FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20
FQI 2.5/5 YE <b>3465.8</b> 20		FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20
FQI 2.5/6 YE <b>3466.8</b> 20		FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20
FQI 2.5/7 YE <b>3467.8</b> 20		FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20
FQI 2.5/8 YE <b>3468.8</b> 10		FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10
FQI 2.5/9 YE <b>3469.8</b> 10		FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10
FQI 2.5/10 YE <b>3460.8</b> 10		FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10
FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50	FBA 1 BG <b>3424.2</b> 50
FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500

\*Approvals applied for!

## Fuse-disconnect terminals FSIK



The **FSIK** fuse-disconnect terminals feature an extraction lever that locks into its end position and allows a spare fuse to be attached from the side.

One cross-connection channel within the fuse-disconnect terminals allows for potentials to be distributed to adjacent fuse-disconnect terminals from the **FSIK** series!

For multiplying the potentials, we offer the **FQI** standard connection system, available with from 2 to 10 poles.

Two or three extraction levers can be coupled and operated simultaneously by using the **VBS** connection sleeves.

Versions are available with or without the status display.

### PushIn connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

### Connection diagram

#### Connection type

Size (L x W x H)

Size (L x W x H) with TS35x7.5 mm

#### Type

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Colour variants

#### Ratings

Rated voltage, V

Rated current, A

Rated 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

Max. power loss on fuse, W

#### Connection data

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

Finely-stranded | finely-stranded (w/ferrules acc. to DIN 46 228/1), mm<sup>2</sup>

Clamping area, mm<sup>2</sup>

Stripping length, mm

Fuse size, mm

Cross-current via LED, mA

#### Features

Material of insulated housing | Temperature range

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

#### Accessories

End plate FAPSI

**Cat. no.**

Insulated cross-connector FQI

**Cat. No.**

2-pole

Insulated cross-connector FQI

**Cat. No.**

3-pole

Insulated cross-connector FQI

**Cat. No.**

4-pole

Insulated cross-connector FQI

**Cat. No.**

5-pole

Insulated cross-connector FQI

**Cat. No.**

6-pole

Insulated cross-connector FQI

**Cat. No.**

7-pole

Insulated cross-connector FQI

**Cat. No.**

8-pole

Insulated cross-connector FQI

**Cat. No.**

9-pole

Insulated cross-connector FQI

**Cat. No.**

10-pole

Connecting sleeve VBS

**Cat. No.**

2-pole

Connecting sleeve VBS

**Cat. No.**

3-pole

End stop ZES

**Cat. no.**

Screwdriver SDB

**Cat. no.**

Quick marking PMC SB

**Cat. no.**

Wire-end ferrule for compact connection spaces

**Cat. no.**

# Fuse-disconnect terminals FSIK

FSIK 4/2A	FSIK 4/2A/LED	FSIK 4/2A/MT		
Fuse-disconnect terminal 2 connections / hinged lever	Fuse-disconnect terminal 2 connections / hinged lever	Disconnect-blade terminal 2 connections		
<b>PushIn</b> 67.5 x 6.1 x 69 67.5 x 6.1 x 70	<b>PushIn</b> 67.5 x 6.1 x 69 67.5 x 6.1 x 70	<b>PushIn</b> 67.5 x 6.1 x 46 67.5 x 6.1 x 47		
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>		
FSIK 4/2A BK <b>3290.4</b> 25	FSIK 4/2A/LED/12-30V AC/DC <b>3291.4</b> 25 FSIK 4/2A/LED/30-60V AC/DC <b>3292.4</b> 25 FSIK 4/2A/LED/110-250V AC/DC <b>3293.4</b> 25	FSIK 4/2A/MT BK <b>3239.4</b> 50		
<b>4</b>	<b>4</b>	<b>4</b>		
<b>IEC</b> 250 6.3 4   24-10 6   3 A3   V-0 1.6 0.2-4   - 0.2-2.5   0.2-2.5 0.2-4 12 5 x 20 5 PA 6.6   -40 to +120°C 1   0	<b>UL</b> 300 6.3 4   24-10 6   3 A3   V-0 1.6 0.2-4   - 0.2-2.5   0.2-2.5 0.2-4 12 5 x 20 5 PA 6.6   -40 to +120°C 1   0	<b>cUL</b> 300 6.3 4   24-10 6   3 A3   V-0 - 0.2-4   - 0.2-2.5   0.2-2.5 0.2-4 12 - - PA 6.6   -40 to +120°C 1   0		
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>		
FAPSI 4/2A BK <b>3489.4</b> 20 FQI 4/2 YE <b>3472.8</b> 50 FQI 4/3 YE <b>3473.8</b> 20 FQI 4/4 YE <b>3474.8</b> 20 FQI 4/5 YE <b>3475.8</b> 20 FQI 4/6 YE <b>3476.8</b> 20 FQI 4/7 YE <b>3477.8</b> 10 FQI 4/8 YE <b>3478.8</b> 10 FQI 4/9 YE <b>3479.8</b> 10 FQI 4/10 YE <b>3470.8</b> 10 VBS 2/10 OG <b>2873.3</b> 20 VBS 3/10 OG <b>2874.3</b> 20 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.4x2.0 <b>3164.0</b> 1 PMC SB 6/50 WH <b>4702.7</b> 500 H 4,0/20-D SR GR <b>3194.0</b> 500	FAPSI 4/2A BK <b>3489.4</b> 20 FQI 4/2 YE <b>3472.8</b> 50 FQI 4/3 YE <b>3473.8</b> 20 FQI 4/4 YE <b>3474.8</b> 20 FQI 4/5 YE <b>3475.8</b> 20 FQI 4/6 YE <b>3476.8</b> 20 FQI 4/7 YE <b>3477.8</b> 10 FQI 4/8 YE <b>3478.8</b> 10 FQI 4/9 YE <b>3479.8</b> 10 FQI 4/10 YE <b>3470.8</b> 10 VBS 2/10 OG <b>2873.3</b> 20 VBS 3/10 OG <b>2874.3</b> 20 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.4x2.0 <b>3164.0</b> 1 PMC SB 6/50 WH <b>4702.7</b> 500 H 4,0/20-D SR GR <b>3194.0</b> 500	FAPSI 4/2A BK <b>3489.4</b> 20 FQI 4/2 YE <b>3472.8</b> 50 FQI 4/3 YE <b>3473.8</b> 20 FQI 4/4 YE <b>3474.8</b> 20 FQI 4/5 YE <b>3475.8</b> 20 FQI 4/6 YE <b>3476.8</b> 20 FQI 4/7 YE <b>3477.8</b> 10 FQI 4/8 YE <b>3478.8</b> 10 FQI 4/9 YE <b>3479.8</b> 10 FQI 4/10 YE <b>3470.8</b> 10 VBS 2/10 OG <b>2873.3</b> 20 VBS 3/10 OG <b>2874.3</b> 20 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.4x2.0 <b>3164.0</b> 1 PMC SB 6/50 WH <b>4702.7</b> 500 H 4,0/20-D SR GR <b>3194.0</b> 500		

\*Approvals applied for!



Disconnect-blade terminals | Disconnect terminals | Fuse-disconnect terminals FTRK



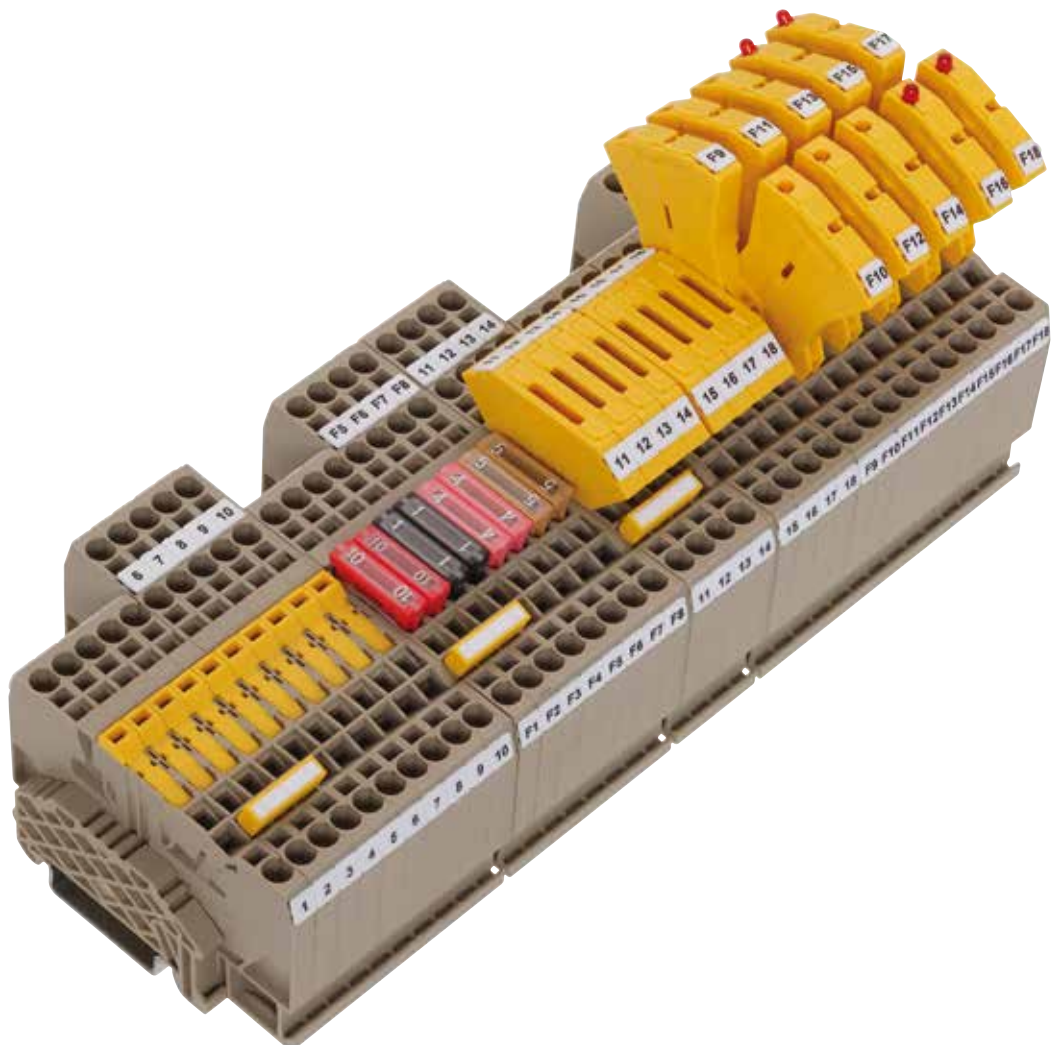
The **FTRK** base terminal line can be combined in different ways with the product-related line of accessories as two-wire and three-wire variants. Without any assembly, the two base terminals can receive auto-fuses or diode plugs. Alternatively, the base terminals are available equipped with a disconnect blade or a fuse holder for G fuses. The functions of all versions can be changed by removing or adding the disconnect blade, the fuse holder or the diode plug. The plug-in fuse holders are available as models with or without a status display. They offer great flexibility, easy handling and a wide selection of 5x20 G fuses.

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools.

The pressure spring opens automatically as the wire is fed in and makes a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release or for the insertion of stranded wire without ferrules.

For the fuse and disconnect terminals with pressure-spring connections, there are eight terminals blocks with disconnect blades and disconnect plugs available, as well as a fuse holder for auto-fuses and micro-fuses.

Each of the pressure-spring terminal blocks can be equipped with the standard accessories: the **FQI 2.5** (cross connector) and the **PMC SB 5** (Pocket Maxicard quick marking system).





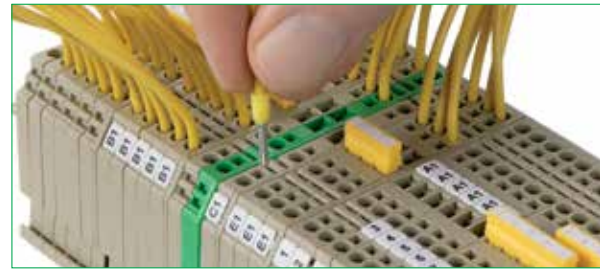
## Disconnect-blade terminals | Disconnect terminals | Fuse-disconnect terminals FTRK

### The features in detail

#### Wire connections

Solid and flexible wires (with or without wire end ferrules) can be inserted into the connection system without the need for an actuating tool.

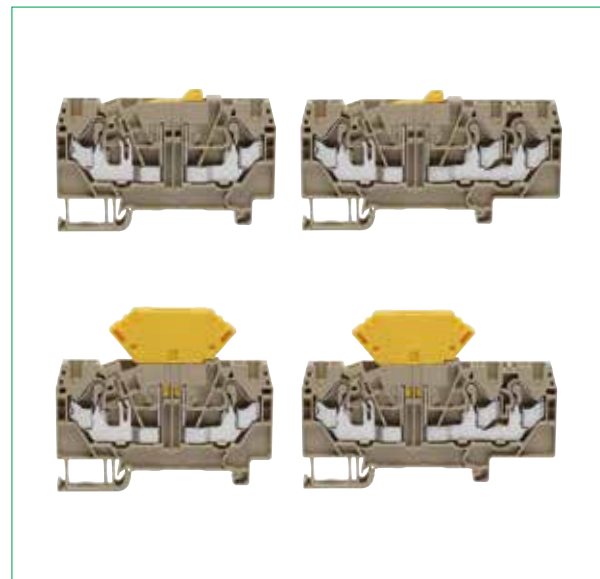
The pressure spring opens automatically as the wire is fed in and makes a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release or for the insertion of stranded wire without ferrules.



#### Disconnect terminals FTRK 2.5/.../MT and FTRK 2.5/.../ST

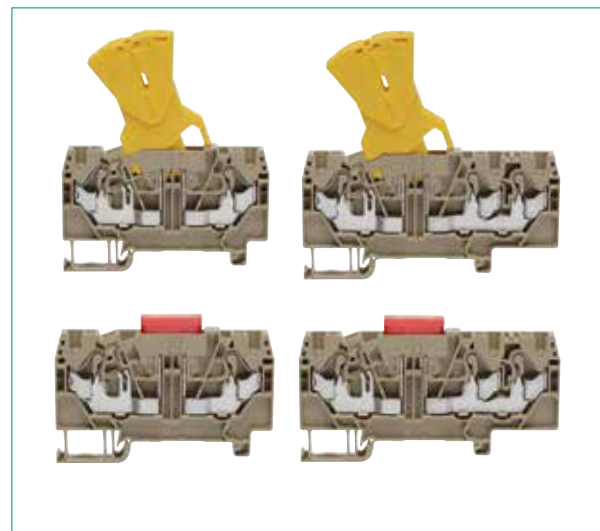
In the pressure-spring connection, two models (disconnect-plug/disconnect-blade) are available in the base terminal variations of 2- and 3-wire systems.

The proven **ZDS|ZTR** disconnect-plug and **FTRK 2.5.../MT** disconnect-blade systems with high surface quality and, therefore, low and stable transitional resistance, ensures accurate measurement results. They distinguish themselves by their narrow construction of only 5 mm and a high current capacity of 18 A. In addition to the **ZTR** disconnect-plug models (feed-through connection), **ZDS** diode plugs (IN4007) are also available. It is easy to distribute potential voltages in combination with the pluggable **FQI** cross connectors.



#### Fuse holder for micro-fuse/auto-fuse FTRK 2.5/.../OT with auto-fuse and FTRK 2.5/.../ZS

The base terminals can hold auto-fuses without needing any accessories. With the fuse plug **ZS/H**, available in five variations, 5x20 fuses can be accommodated. The fuse plugs are available in variations with or without status display (different voltage ranges). With a rated voltage of 400 V, the rated current of the fuse plug is 6.3 A. In combination with the **FQI** plug-in cross connectors, convenient distributions of potential can be carried out.










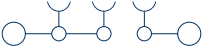













#### Cross-connection FQI

The **FQI** insulated cross-connections have a pluggable design and are available with from 2 to 10 poles. They allow you to safely cross-connect the rated current for the relevant **FTRK** terminals.



**Disconnect-blade terminals / disconnect terminals FTRK**

PushIn connection system	FTRK 2.5/2A/MT	FTRK 2.5/3A/MT	FTRK 2.5/2A/ST
 <ul style="list-style-type: none"> <li>• Foot can be snapped on TS35 DIN rail</li> <li>• Housing made from polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
	Disconnect-blade terminal 2 connections	Disconnect-blade terminal 3 connections	Disconnect terminal 2 connections
<b>Connection type</b> Size (L x W x H) mm with TS 35 x 7.5 mm	<b>PushIn</b> 67.5 x 5.1 x 45.6	<b>PushIn</b> 82.0 x 5.1 x 45.6	<b>PushIn</b> 67.5 x 5.1 x 59.5
<b>Type</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
Type Colour	FTRK 2.5/2A/MT BG	FTRK 2.5/3A/MT BG	FTRK 2.5/2A/ST BG
<b>Cat. no.</b>	<b>3259.2</b>	<b>3260.2</b>	<b>3261.2</b>
Type Colour	FTRK 2.5/2A/MT BU	FTRK 2.5/3A/MT BU	FTRK 2.5/2A/ST BU
<b>Cat. no.</b>	<b>3259.5</b>	<b>3260.5</b>	<b>3261.5</b>
Type Colour			
<b>Cat. no.</b>			
Type Colour			
<b>Cat. no.</b>			
Colour variants			
<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	400 300 300	400 300 300	400 300 300
Rated current, A	18 15 15	18 15 15	18 15 15
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	6   3	6   3	6   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V-0	A3   V-0	A3   V-0
<b>Connection data</b>			
Single wire (solid)   stranded (flexible), mm <sup>2</sup>	0.2-4   -	0.2-4   -	0.2-4   -
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
Contact wire range, mm <sup>2</sup>	0.2-4	0.2-4	0.2-4
Stripping length, mm	10	10	10
<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 option	1   -	1   -	1   -
<b>Accessories</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
End plate FAPT	FAPT 2.5/2A BG	FAPT 2.5/3A BG	FAPT 2.5/2A BG
<b>Cat. no.</b>	<b>3481.2</b>	<b>3482.2</b>	<b>3481.2</b>
Insulated cross-connector FQI	FQI 2.5/2 YE	FQI 2.5/2 YE	FQI 2.5/2 YE
<b>Cat. no.</b>	<b>3462.8</b>	<b>3462.8</b>	<b>3462.8</b>
Insulated cross-connector FQI	FQI 2.5/3 YE	FQI 2.5/3 YE	FQI 2.5/3 YE
<b>Cat. no.</b>	<b>3463.8</b>	<b>3463.8</b>	<b>3463.8</b>
Insulated cross-connector FQI	FQI 2.5/4 YE	FQI 2.5/4 YE	FQI 2.5/4 YE
<b>Cat. no.</b>	<b>3464.8</b>	<b>3464.8</b>	<b>3464.8</b>
Insulated cross-connector FQI	FQI 2.5/5 YE	FQI 2.5/5 YE	FQI 2.5/5 YE
<b>Cat. no.</b>	<b>3465.8</b>	<b>3465.8</b>	<b>3465.8</b>
Insulated cross-connector FQI	FQI 2.5/6 YE	FQI 2.5/6 YE	FQI 2.5/6 YE
<b>Cat. no.</b>	<b>3466.8</b>	<b>3466.8</b>	<b>3466.8</b>
Insulated cross-connector FQI	FQI 2.5/7 YE	FQI 2.5/7 YE	FQI 2.5/7 YE
<b>Cat. no.</b>	<b>3467.8</b>	<b>3467.8</b>	<b>3467.8</b>
Insulated cross-connector FQI	FQI 2.5/8 YE	FQI 2.5/8 YE	FQI 2.5/8 YE
<b>Cat. no.</b>	<b>3468.8</b>	<b>3468.8</b>	<b>3468.8</b>
Insulated cross-connector FQI	FQI 2.5/9 YE	FQI 2.5/9 YE	FQI 2.5/9 YE
<b>Cat. no.</b>	<b>3469.8</b>	<b>3469.8</b>	<b>3469.8</b>
Insulated cross-connector FQI	FQI 2.5/10 YE	FQI 2.5/10 YE	FQI 2.5/10 YE
<b>Cat. no.</b>	<b>3460.8</b>	<b>3460.8</b>	<b>3460.8</b>
Four-way cover FAD	FAD 2.5/4/B YE	FAD 2.5/4/B YE	FAD 2.5/4/B YE
<b>Cat. no.</b>	<b>3426.8</b>	<b>3426.8</b>	<b>3426.8</b>
End stop ZES	ZES 35/2 BG	ZES 35/2 BG	ZES 35/2 BG
<b>Cat. no.</b>	<b>3811.2</b>	<b>3811.2</b>	<b>3811.2</b>
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>	<b>3164.0</b>
Quick marking PMC SB	PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
<b>Cat. no.</b>	<b>4600.7</b>	<b>4600.7</b>	<b>4600.7</b>

FTRK 2.5/3A/ST	FTRK 2.5/2A/OT	FTRK 2.5/3A/OT	ZDS/ZTR	
				
				
Disconnect terminal 3 connections	base terminal 2 connections	base terminal 3 connections	Disconnect plug	
<b>PushIn</b> 82.0 x 5.1 x 59.5	<b>PushIn</b> 67.5 x 5.1 x 43	<b>PushIn</b> 82.0 x 5.1 x 43	<b>PushIn</b>	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FTRK 2.5/3A/ST BG <b>3262.2</b> 100	FTRK 2.5/2A/OT BG <b>3257.2</b> 100	FTRK 2.5/3A/OT BG <b>3258.2</b> 100	ZDS 1/ZTR <b>3612.2</b>  20	
FTRK 2.5/3A/ST BU <b>3262.5</b> 100	FTRK 2.5/2A/OT BU <b>3257.5</b> 100	FTRK 2.5/3A/OT BU <b>3258.5</b> 100	ZDS 2/ZTR <b>3613.2</b>  20	
			ZDS 3/ZTR <b>3614.2</b>  20	
			ZDS 4/ZTR <b>3615.2</b>  20	
  	  	  	<b>IEC</b> <b>UL</b> <b>CSA</b>	
400 300 300	400 300 300	400 300 300	- - -	
18 15 15	18 15 15	18 15 15	- - -	
2.5   20-12	2.5   20-12	2.5   20-12	-	
6   3	6   3	6   3	-   V-0	
A3   V-0	A3   V-0	A3   V-0		
0.2-4   -	0.2-4   -	0.2-4   -		
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5		
0.2-4	0.2-4	0.2-4	<b>3613.2 and 3614.2</b>	
10	10	10	Soldered diode 1N4007	
			Reverse voltage 1000V I Current 1A	
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   -	1   -	1   -	-   -	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FAPT 2.5/3A BG <b>3482.2</b> 50	FAPT 2.5/2A BG <b>3481.2</b> 50	FAPT 2.5/3A BG <b>3482.2</b> 50		
FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50		
FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50		
FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20		
FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20		
FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20		
FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20		
FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10		
FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10		
FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10		
FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20		
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50		
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1		
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	

Fuse-disconnect terminals FTRK

PushIn connection system





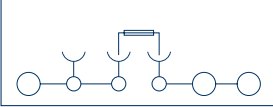
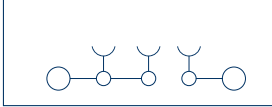
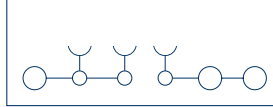


- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

Connection diagram

FTRK 2.5/2A/ZS	FTRK 2.5/2A/ZS...	FTRK 2.5/3A/ZS
Fuse-disconnect terminal 2 connections	Fuse-disconnect terminal 2 connections	Fuse-disconnect terminal 3 connections

Connection type	PushIn			PushIn			PushIn		
Size (L x W x H) mm with TS 35 x 7.5 mm	67.5 x 5.1 x 81.2			67.5 x 5.1 x 81.2			82 x 5.1 x 81.2		
Type	Qty.			Qty.			Qty.		
Type Colour	FTRK 2.5/2A/ZS BG	100		FTRK 2.5/2A/ZS 36 BG	100		FTRK 2.5/3A/ZS BG	100	
<b>Cat. no.</b>	<b>3263.2</b>			<b>3264.2</b>			<b>3268.2</b>		
Type Colour	FTRK 2.5/2A/ZS BU	100		FTRK 2.5/2A/ZS 70 BG	100		FTRK 2.5/3A/ZS BU	100	
<b>Cat. no.</b>	<b>3263.5</b>			<b>3265.2</b>			<b>3268.5</b>		
Type Colour				FTRK 2.5/2A/ZS 150 BG	100				
<b>Cat. no.</b>				<b>3266.2</b>					
Type Colour				FTRK 2.5/2A/ZS 250 BG	100				
<b>Cat. no.</b>				<b>3267.2</b>					
Colour variants	② ⑤			②			② ⑤		
Ratings	IEC	CSAus	CSA	IEC	CSAus	CSA	IEC	CSAus	CSA
Rated voltage, V	400	300	300		See above		400	300	300
Rated current, A	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
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	6   3			6   3			6   3		
Max. power loss, W	1.6			1.6			1.6		
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V-0			A3   V-0			A3   V-0		
Connection data									
Single wire (solid)   stranded (flexible), mm <sup>2</sup>	0.2-4   -			0.2-4   -			0.2-4   -		
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5			0.2-4   0.2-2.5			0.2-4   0.2-2.5		
Contact wire range, mm <sup>2</sup>	0.2-4			0.2-4			0.2-4		
Stripping length, mm	10			10			10		
Cross-current via LED, mA	-			5			-		
Fuse size, mm	5 x 20			5 x 20			5 x 20		
Features									
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 option	1   -			1   -			1   -		
Accessories	Qty.			Qty.			Qty.		
End plate FAPT	FAPT 2.5/2A BG	50		FAPT 2.5/2A BG	50		FAPT 2.5/3A BG	50	
<b>Cat. no.</b>	<b>3481.2</b>			<b>3481.2</b>			<b>3482.2</b>		
Insulated cross-connector FQI	FQI 2.5/2 YE	50	2 poles	FQI 2.5/2 YE	50		FQI 2.5/2 YE	50	
<b>Cat. no.</b>	<b>3462.8</b>			<b>3462.8</b>			<b>3462.8</b>		
Insulated cross-connector FQI	FQI 2.5/3 YE	50	3 poles	FQI 2.5/3 YE	50		FQI 2.5/3 YE	50	
<b>Cat. no.</b>	<b>3463.8</b>			<b>3463.8</b>			<b>3463.8</b>		
Insulated cross-connector FQI	FQI 2.5/4 YE	20	4 poles	FQI 2.5/4 YE	20		FQI 2.5/4 YE	20	
<b>Cat. no.</b>	<b>3464.8</b>			<b>3464.8</b>			<b>3464.8</b>		
Insulated cross-connector FQI	FQI 2.5/5 YE	20	5 poles	FQI 2.5/5 YE	20		FQI 2.5/5 YE	20	
<b>Cat. no.</b>	<b>3465.8</b>			<b>3465.8</b>			<b>3465.8</b>		
Insulated cross-connector FQI	FQI 2.5/6 YE	20	6 poles	FQI 2.5/6 YE	20		FQI 2.5/6 YE	20	
<b>Cat. no.</b>	<b>3466.8</b>			<b>3466.8</b>			<b>3466.8</b>		
Insulated cross-connector FQI	FQI 2.5/7 YE	20	7 poles	FQI 2.5/7 YE	20		FQI 2.5/7 YE	20	
<b>Cat. no.</b>	<b>3467.8</b>			<b>3467.8</b>			<b>3467.8</b>		
Insulated cross-connector FQI	FQI 2.5/8 YE	10	8 poles	FQI 2.5/8 YE	10		FQI 2.5/8 YE	10	
<b>Cat. no.</b>	<b>3468.8</b>			<b>3468.8</b>			<b>3468.8</b>		
Insulated cross-connector FQI	FQI 2.5/9 YE	10	9 poles	FQI 2.5/9 YE	10		FQI 2.5/9 YE	10	
<b>Cat. no.</b>	<b>3469.8</b>			<b>3469.8</b>			<b>3469.8</b>		
Insulated cross-connector FQI	FQI 2.5/10 YE	10	10 poles	FQI 2.5/10 YE	10		FQI 2.5/10 YE	10	
<b>Cat. no.</b>	<b>3460.8</b>			<b>3460.8</b>			<b>3460.8</b>		
Four-way cover FAD	FAD 2.5/4/B YE	20		FAD 2.5/4/B YE	20		FAD 2.5/4/B YE	20	
<b>Cat. no.</b>	<b>3426.8</b>			<b>3426.8</b>			<b>3426.8</b>		
End stop ZES	ZES 35/2 BG	50		ZES 35/2 BG	50		ZES 35/2 BG	50	
<b>Cat. no.</b>	<b>3811.2</b>			<b>3811.2</b>			<b>3811.2</b>		
Screwdriver SDB	SDB 0.4x2.0	1		SDB 0.4x2.0	1		SDB 0.4x2.0	1	
<b>Cat. no.</b>	<b>3164.0</b>			<b>3164.0</b>			<b>3164.0</b>		
Quick marking PMC SB	PMC SB 5/50 WH	500		PMC SB 5/50 WH	500		PMC SB 5/50 WH	500	
<b>Cat. no.</b>	<b>4600.7</b>			<b>4600.7</b>			<b>4600.7</b>		

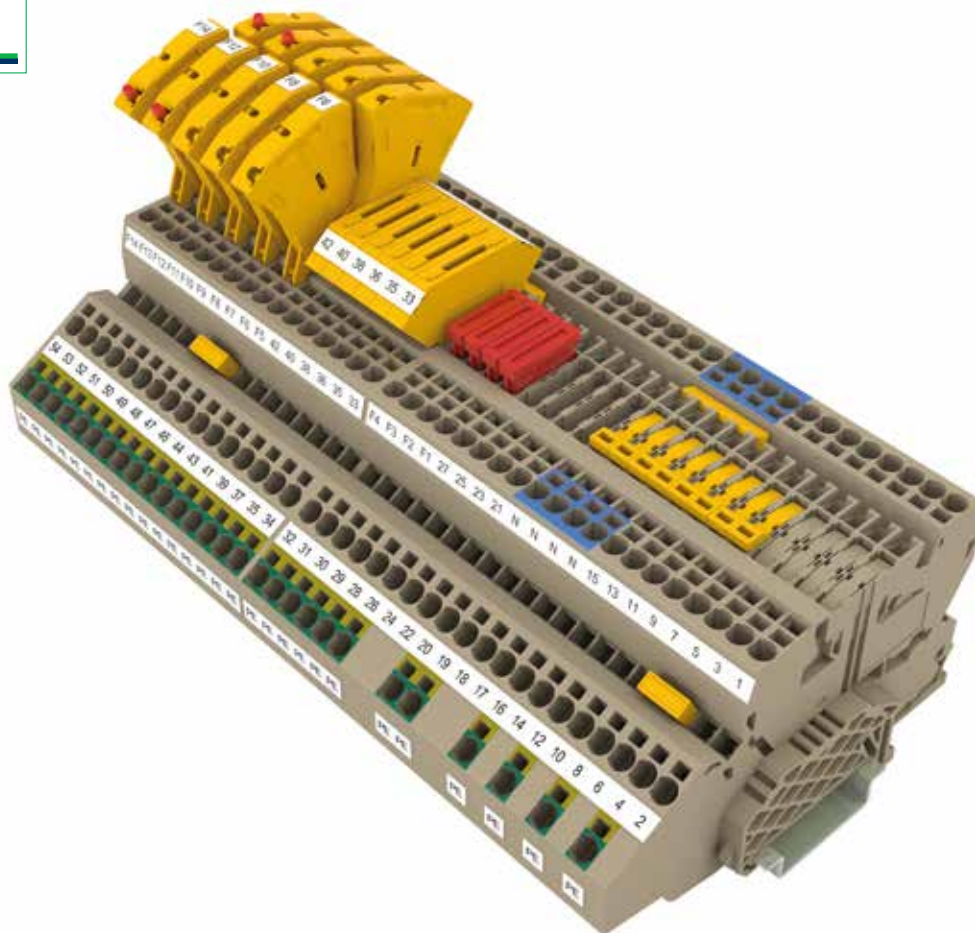
FTRK 2.5/3A/ZS	FTRK 2.5/2A/OT	FTRK 2.5/3A/OT	ZS/H.../ZTR	
				
				
Fuse-disconnect terminal 3 connections	base terminal 2 connections	base terminal 3 connections	Fuse plug for 5 x 20 fuses	
<b>PushIn</b> 82 x 5.1 x 81.2	<b>PushIn</b> 67.5 x 5.1 x 43.0	<b>PushIn</b> 80.2 x 5.1 x 39.2	<b>PushIn</b>	
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FTRK 2.5/3A/ZS 36 BG <b>3269.2</b> 10-36 V 100	FTRK 2.5/2A/OT BG <b>3257.2</b> 100	FTRK 2.5/3A/OT BG <b>3258.2</b> 100	ZS/H0/ZTR <b>3635.2</b> 20	
FTRK 2.5/3A/ZS 70 BG <b>3270.2</b> 35-70 V 100	FTRK 2.5/2A/OT BU <b>3257.5</b> 100	FTRK 2.5/3A/OT BU <b>3258.5</b> 100	ZS/H1/ZTR/36 <b>3631.2</b> 10V-36V 20	
FTRK 2.5/3A/ZS 150 BG <b>3271.2</b> 60-150 V 100			ZS/H2/ZTR/70 <b>3632.2</b> 35V-70V 20	
FTRK 2.5/3A/ZS 250 BG <b>3272.2</b> 140-250 V 100			ZS/H3/ZTR/150 <b>3633.2</b> 60V-150V 20	
			ZS/H4/ZTR/250 <b>3634.2</b> 140V-250V 20	
② ⑤	② ⑤ ③	② ⑤ ③		
<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>	<b>IEC CSAus CSA</b>		
See above	400 300 300	400 300 300		
6.3 6.3 6.3	15* 15 15	15* 15 15		
2.5   20-12	2.5   20-12	2.5   20-12		
6   3	6   3	6   3		
1.6	1.6	1.6		
A3   V-0	A3   V-0	A3   V-0		
0.2-4   -	0.2-4   -	0.2-4   -		
0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5		
0.2-4	0.2-4	0.2-4		
10	10	10		
5	-	-		
5 x 20	-	-		
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   -	1   -	1   -		
<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>	
FAPT 2.5/3A BG <b>3482.2</b> 50	FAPT 2.5/2A BG <b>3481.2</b> 50	FAPT 2.5/3A BG <b>3482.2</b> 50		
FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50	FQI 2.5/2 YE <b>3462.8</b> 50		
FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50	FQI 2.5/3 YE <b>3463.8</b> 50		
FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20	FQI 2.5/4 YE <b>3464.8</b> 20		
FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20	FQI 2.5/5 YE <b>3465.8</b> 20		
FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20	FQI 2.5/6 YE <b>3466.8</b> 20		
FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20	FQI 2.5/7 YE <b>3467.8</b> 20		
FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10	FQI 2.5/8 YE <b>3468.8</b> 10		
FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10	FQI 2.5/9 YE <b>3469.8</b> 10		
FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10	FQI 2.5/10 YE <b>3460.8</b> 10		
FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20	FAD 2.5/4/B YE <b>3426.8</b> 20		
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50		
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1		
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	

\* When using motor vehicle fuses, the current is limited to 10 amps!



## Three-wire functional terminals FDLI

The **FDLI** three-wire functional terminals offer a wide range of functions and many different application possibilities at a width of 5.1 mm.



### Three-wire functional terminals FDLI

The base terminals of the new **FDLI 2.5-4** series are available in eight different versions. Our products offer users with the best solution for all applications: whether they are using our feed-through terminals, feed-through terminals with disconnect-blade or the empty terminal versions together with custom-fit accessories.

### Features

- Terminal housing can be snapped on TS 35 rail
- Terminal width: 5.1 mm
- Base terminal FDLI 2.5-4 OT: our wide range of accessories permits many combinations
- The PE foot makes contact with the DIN rail on both sides



## Three-wire functional terminals FDLI

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The max. connection cross section is 4 mm<sup>2</sup>. The **FQI** insulated cross-connections have a pluggable design and are available with from 2 to 50 poles. They cross-connect up to the rated current of the FDLI terminals.



Without the need for any additional accessories, the **FDLI 2.5-4 OT** base terminals can be fitted with: the **SI C** automotive fuses, the **ZS/H** fuse plugs (for 5 x 20 mm micro-fuses) with or without LED, or the **ZDS** isolator and component connectors.



As with all **CONTA-CLIP** PE terminals, the **FDLI** terminals also implement a two-sided contact with the DIN rail. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.



### Three-wire functional terminals FDLI

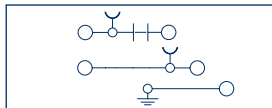
#### PushIn connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

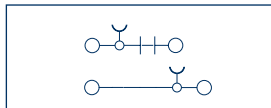
#### Connection diagram

#### FDLI 2.5-4 NT/L/PE



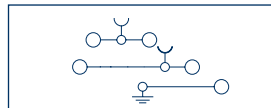
Three-wire installation terminal with extract. lever, 5 connections

#### FDLI 2.5-4 NT/L



Three-wire installation terminal with extract. lever, 4 connections

#### FDLI 2.5-4 L/L/PE



Three-wire installation terminals, 5 connections

#### Connection type

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

#### PushIn

101 x 5.1 x 55.6

#### PushIn

101 x 5.1 x 55.6

#### PushIn

101 x 5.1 x 54

#### Type

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Type Colour

**Cat. no.**

Colour variants

**Cat. no.**

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②

IEC\*

UL\*

CSA\*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V-0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

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CSA\*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V-0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

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②

IEC\*

UL\*

CSA\*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V-0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

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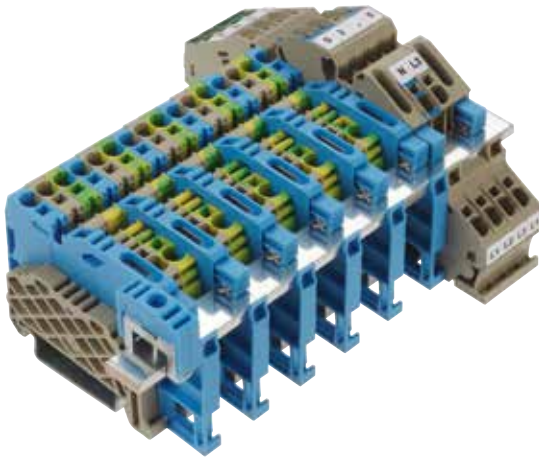
**Cat. no.**

# Three-wire functional terminals FDLI

FDLI 2.5-4 L/L	FDLI 2.5-4 OT/L/PE	FDLI 2.5-4 OT/L	FDLI 2.5-4 OT..	
Three-wire installation terminals, 4 connections	Three-wire base terminal, 5 connections	Three-wire base terminal, 4 connections	Combination: FDLI 2.5-4 OT.. with disconnect plug	Disconnect plug
<b>PushIn</b> 101 x 5.1 x 54	<b>PushIn</b> 101 x 5.1 x 54	<b>PushIn</b> 101 x 5.1 x 54		
<b>Qty.</b> FDLI 2.5-4 L/L <b>3286.2</b> 50	<b>Qty.</b> FDLI 2.5-4 OT/L/PE <b>3287.2</b> 50	<b>Qty.</b> FDLI 2.5-4 OT/L <b>3288.2</b> 50	<b>Qty.</b> Type colour ZDS 1/ZTR <b>Cat. No. 3612.2</b> 20 Type colour ZDS 2/ZTR <b>Cat. No. 3613.2</b> 20 Type colour ZDS 3/ZTR <b>Cat. No. 3614.2</b> 20 Type colour ZDS 4/ZTR <b>Cat. No. 3615.2</b> 20 Soldered diode 1N4007	
<b>IEC*</b> 400 <b>UL*</b> 300 <b>CSA*</b> 300 18/32 15 15 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12	<b>IEC*</b> 400 <b>UL*</b> 300 <b>CSA*</b> 300 15**/32 15 15 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12	<b>IEC*</b> 400 <b>UL*</b> 300 <b>CSA*</b> 300 15**/32 15 15 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12	<b>FDLI 2.5-4 OT..</b> 	
PA 6.6   -40 to +120°C 2   -	PA 6.6   -40 to +120°C 2   -	PA 6.6   -40 to +120°C 2   -	Combination: FDLI 2.5-4 OT.. with fuse plug	Fuse plug for 5 x 20 fuses
<b>Qty.</b> FAPDT 4 BG <b>3487.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10 FQI 2.5-4/50 YE <b>3491.8</b> 5	<b>Qty.</b> FAPDT 4 BG <b>3487.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10 FQI 2.5-4/50 YE <b>3491.8</b> 5 MT-FIX BG <b>3488.2</b> 20 ZES 35 BG <b>3748.2</b> 50 SDB 0.4x2.0 <b>3164.0</b> 1 PMC SB 5/50 WH <b>4600.7</b> 500	<b>Qty.</b> FAPDT 4 BG <b>3487.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10 FQI 2.5-4/50 YE <b>3491.8</b> 5 MT-FIX BG <b>3488.2</b> 20 ZES 35 BG <b>3748.2</b> 50 SDB 0.4x2.0 <b>3164.0</b> 1 PMC SB 5/50 WH <b>4600.7</b> 500	<b>Voltage</b> Type Colour <b>Cat. No.</b> <b>3635.2</b> ZS/H0/ZTR 20 Type colour ZS/H1/ZTR/36 <b>Cat. No.</b> <b>3631.2</b> 10V-36 V 20 Type colour ZS/H2/ZTR/70 <b>Cat. No.</b> <b>3632.2</b> 35V-70 V 20 Type colour ZS/H3/ZTR/150 <b>Cat. No.</b> <b>3633.2</b> 60V-150 V 20 Type colour ZS/H4/ZTR/250 <b>Cat. No.</b> <b>3634.2</b> 140V-250 V 20	
			<b>FDLI 2.5-4 OT..</b> 	
			Combination: FDLI 2.5-4 OT.. with automotive fuse	Automotive fuse
			<b>Qty.</b> SI C 1.000 A/32V <b>4991.0</b> black <b>100</b> SI C 2.000 A/32V <b>4992.0</b> grey <b>100</b> SI C 3.000 A/32V <b>4993.0</b> violet <b>100</b> SI C 4.000 A/32V <b>4994.0</b> pink <b>100</b> SI C 5.000 A/32V <b>4995.0</b> bright brown <b>100</b> SI C 7.500 A/32V <b>4996.0</b> brown <b>100</b> SI C 10.000 A/32V <b>4997.0</b> red <b>100</b> SI C 15.000 A/32V <b>4998.0</b> cyan <b>100</b> SI C 20.000 A/32V <b>4999.0</b> yellow <b>100</b>	

\*IEC approval applied for! | \*\* Dependent upon the accessories or parts used

Our **FRKI** | **FSLI** pressure-spring, single-level installation terminals are divided into three functional groups: feed-through, protective earth, and neutral disconnect terminals.



The **FNT** neutral-disconnect terminals feature an integrated receptacle for attaching the 10x3-mm neutral busbar. No additional holding plate is required. A secure contact to the neutral busbar is established using the no-screw slider for the neutral conductor.

With the **FSLI** protective earth terminals, the PE potential is connected via the PE foot (which contacts the DIN rail on both sides).

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The pressure spring opens automatically when the wire is inserted; this ensures a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release when inserting the stranded wire without ferrules.

**Can be combined with the FDLIS three-level installation terminal**

The one-level terminals – **FRKI**, **FSLI**, and **FNT** – can be used in combination with the three-level **FDLIS** installation terminals because the height of the neutral busbar is identical in both versions.

**Installation terminals FRKI 16**

The **FRKI** terminals, at a rated cross section of 16 mm<sup>2</sup>, are also available for the TS 35 in a version with a centre DIN-rail foot. This provides a symmetrical arrangement if no neutral busbars are being used.

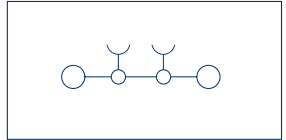
**PushIn connection system**



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

**Connection diagram**

**FRKI 2.5-4**



Installation feed-through terminal, 2 connections

**Connection type**

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

Colour variants

**Ratings**

Rated voltage, V
Rated current, A
Rated 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 (flexible), mm <sup>2</sup>
Finely-stranded   finely-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 option

**Accessories**

End plate FAPI	
<b>Cat. no.</b>	
Insulated cross-connector FIQI	
<b>Cat. no.</b>	2 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	3 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	4 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	5 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	6 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	7 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	8 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	9 poles
Insulated cross-connector FIQI	
<b>Cat. no.</b>	10 poles
Four-way cover FAD	
<b>Cat. no.</b>	
End stop ZES	
<b>Cat. no.</b>	
Screwdriver SDB	
<b>Cat. no.</b>	
Quick marking PMC SB	
<b>Cat. no.</b>	
Wire-end ferrule for compact connection spaces	
<b>Cat. no.</b>	
Plate for busbar	
<b>Cat. no.</b>	

**PushIn**

52.5 x 5.1 x 37.5  
52.5 x 5.1 x 38.5

**Qty.**

FRKI 2.5-4 BG	
<b>3276.2</b>	100
FRKI 2.5-4 BU	
<b>3276.5</b>	100
FRKI 2.5-4 OG	
<b>3276.3</b>	100

② ⑤ ③

<b>IEC*</b>	<b>CSAus*</b>	<b>CSA*</b>
800	600	600
32	30	30
4	20-10	
8	3	
A4	V-0	

0.5-6	-
0.5-6	0.5-4
0.5-6	
12	

PA 6.6 | -40 to +120°C  
2 | -

**Qty.**

FAPI 2.5-4/2A BG	
<b>3484.2</b>	20
FIQI 2.5-4/2 YE	
<b>17402.8</b>	20
FIQI 2.5-4/3 YE	
<b>17403.8</b>	20
FIQI 2.5-4/4 YE	
<b>17404.8</b>	20
FIQI 2.5-4/5 YE	
<b>17405.8</b>	20
FIQI 2.5-4/6 YE	
<b>17406.8</b>	20
FIQI 2.5-4/7 YE	
<b>17407.8</b>	20
FIQI 2.5-4/8 YE	
<b>17408.8</b>	10
FIQI 2.5-4/9 YE	
<b>17409.8</b>	10
FIQI 2.5-4/10 YE	
<b>17400.8</b>	10
FAD 2.5/4/ B YE	
<b>3426.8</b>	20
ZES 35/2 BG	
<b>3811.2</b>	50
SDB 0.4 x 2.0	
<b>3164.0</b>	1
PMC SB 5/50 WH	
<b>4600.7</b>	500
H 4,0/20-D SR GR	
<b>3194.0</b>	500

\*Approvals applied for!

FSLI 2.5-4	FNT 2.5-4	FRKI 6-10	FSLI 6-10	FNT 6-10
Installation PE terminal, 2 connections	Neutral disconnect terminal 1 connection	Installation feed-through terminal, 2 connections	Installation PE terminal, 2 connections	Neutral disconnect terminal 1 connection
<b>PushIn</b> 52.5 x 5.1 x 37.5 52.5 x 5.1 x 38.5	<b>PushIn</b> 64 x 5.1 x 41.5 64 x 5.1 x 42.5	<b>PushIn</b> 56.5 x 8.1 x 39.8 56.5 x 8.1 x 40.5	<b>PushIn</b> 56.5 x 8.1 x 39.8 56.5 x 8.1 x 40.5	<b>PushIn</b> 67.5 x 8.1 x 39.8 67.5 x 8.1 x 40.5
<b>Qty.</b> FSLI 2.4-4 GNYE <b>3279.2</b> 100	<b>Qty.</b> FNT 2.5-4 BU <b>3273.5</b> 100	<b>Qty.</b> FRKI 6-10 BG <b>3277.2</b> 100 FRKI 6-10 BU <b>3277.5</b> 100 FRKI 6-10 OG <b>3277.3</b> 100	<b>Qty.</b> FSLI 6-10 GNYE <b>3280.2</b> 100	<b>Qty.</b> FNT 6-10 BU <b>3274.5</b> 100
<b>2</b> IEC* CSAAus* CSA* 250 600 32 4   20-10 8   3 A4   V-0 0.5-6   - 0.5-6   0.5-4 0.5-6 12 PA 6.6   -40 to +120°C 1   - <b>Qty.</b> FAPI 2.5-4/2A GN <b>3484.1</b> 20	<b>5</b> IEC* CSAAus* CSA* 250 600 32 4   20-10 8   3 A4   V-0 0.5-6   - 0.5-6   0.5-4 0.5-6 12 PA 6.6   -40 to +120°C 1   - <b>Qty.</b> FAPI 2.5-4/2A BU <b>3484.5</b> 20 FIQI 2.5-4/2 YE <b>17402.8</b> 20 FIQI 2.5-4/3 YE <b>17403.8</b> 20 FIQI 2.5-4/4 YE <b>17404.8</b> 20 FIQI 2.5-4/5 YE <b>17405.8</b> 20 FIQI 2.5-4/6 YE <b>17406.8</b> 20 FIQI 2.5-4/7 YE <b>17407.8</b> 20 FIQI 2.5-4/8 YE <b>17408.8</b> 10 FIQI 2.5-4/9 YE <b>17409.8</b> 10 FIQI 2.5-4/10 YE <b>17400.8</b> 10 FAD 2.5/4/ B YE <b>3426.8</b> 20 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.4 x 2.0 <b>3164.0</b> 1 PMC SB 5/50 WH <b>4600.7</b> 500 H 4,0/20-D SR GR <b>3194.0</b> 500	<b>2 5 3</b> IEC* UL* CSA* 800 600 600 57 44 44 10   22-10 8   3 A5   V-0 1.5-10   - 1.5-10   1.5-10 1.5-10 12 PA 6.6   -40 to +120°C 2   - <b>Qty.</b> FAPI 6-10/2A BG <b>3485.2</b> 20 FIQI 6-10/2 YE <b>17412.8</b> 50 FIQI 6-10/3 YE <b>17413.8</b> 50 FIQI 6-10/4 YE <b>17414.8</b> 20 FIQI 6-10/5 YE <b>17415.8</b> 20 FIQI 6-10/6 YE <b>17416.8</b> 20 FIQI 6-10/7 YE <b>17417.8</b> 20 FIQI 6-10/8 YE <b>17418.8</b> 10 FIQI 6-10/9 YE <b>17419.8</b> 10 FIQI 6-10/10 YE <b>17410.8</b> 10 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.6x3.5 <b>1086.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500 H 10,0/22-D SR IV <b>3026.0</b> 500	<b>2</b> IEC* UL* CSA* 250 600 10   22-10 8   3 A5   V-0 1.5-10   - 1.5-10   1.5-10 1.5-10 12 PA 6.6   -40 to +120°C 1   - <b>Qty.</b> FAPI 6-10/2A GN <b>3485.1</b> 20 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.6x3.5 <b>1086.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500 H 10,0/22-D SR IV <b>3026.0</b> 500	<b>5</b> IEC* UL* CSA* 250 600 10   22-10 8   3 A5   V-0 1.5-10   - 1.5-10   1.5-10 1.5-10 12 PA 6.6   -40 to +120°C 1   - <b>Qty.</b> FAPI 6-10/2A BU <b>3485.5</b> 20 FIQI 6-10/2 YE <b>17412.8</b> 50 FIQI 6-10/3 YE <b>17413.8</b> 50 FIQI 6-10/4 YE <b>17414.8</b> 20 FIQI 6-10/5 YE <b>17415.8</b> 20 FIQI 6-10/6 YE <b>17416.8</b> 20 FIQI 6-10/7 YE <b>17417.8</b> 20 FIQI 6-10/8 YE <b>17418.8</b> 10 FIQI 6-10/9 YE <b>17419.8</b> 10 FIQI 6-10/10 YE <b>17410.8</b> 10 ZES 35/2 BG <b>3811.2</b> 50 SDB 0.6x3.5 <b>1086.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500 H 10,0/22-D SR IV <b>3026.0</b> 500 HP FDLIS 10x3 BU <b>3483.5</b> 20

\*Approvals applied for!

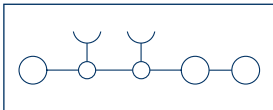
### PushIn connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94 V-0

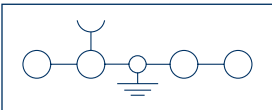
### Connection diagram

#### FRKI 6-10/3A



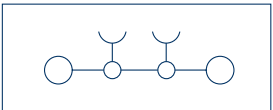
Feed-through terminal  
3 connections

#### FSLI 6-10/3A



Protective earth terminal  
3 connections

#### FRKI 16/2A



Installation feed-through terminal  
2 connections

Connection type	
Size (L x W x H), 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.	
Type / colour	
Cat. no.	
Colour variants	
Ratings	
Rated voltage, V	
Rated current, A   Max. current capacity, A	
Rated 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 (flexible), mm <sup>2</sup>	
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	
Clamping area, mm <sup>2</sup>	
Stripping length, mm	

PushIn			
Qty.			
FRKI 6-10/3A BG			50
<b>3216.2</b>			
FRKI 6-10/3A BU			50
<b>3216.5</b>			
FRKI 6-10/3A OG			50
<b>3216.3</b>			
② ③ ⑤	IEC*	UL*	CSA*
	800	600	600
	57	44	46
	10   16-8		
	8   3		
	A3   V-0		
	1.5-10   -		
	1.5-10   1.5-10		
	1.5-10		
	12		

PushIn			
Qty.			
FSLI 6-10/3A GNYE			50
<b>3217.2</b>			
⚠	IEC*	UL*	CSA*
	10	16-8	
	8   3		
	A3   V-0		
	1.5-10   -		
	1.5-10   1.5-10		
	1.5-10		
	12		

PushIn			
Qty.			
FRKI 16/2A BG			50
<b>3278.2</b>			
FRKI 16/2A BU			50
<b>3278.5</b>			
FRKI 16/2A OG			50
<b>3278.3</b>			
② ③ ⑤	IEC*	UL*	CSA*
	1000	600	600
	76   90	75	75
	16   14-4		
	8   3		
	A7   V-0		
	2.5-25   2.5-25		
	2.5-16   2.5-16		
	2.5-25		
	18		

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

PA 6.6   -40 to +120°C	
2   -	

PA 6.6   -40 to +120°C	
2   -	

PA 6.6   -40 to +120°C	
2   0	


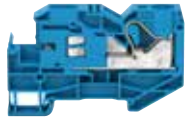





Accessories		Qty.
End plate FAPI		
Cat. no.		
Insulated cross-connection FIQI   SQI		
Cat. no.	2 poles	
Insulated cross-connector FIQI		
Cat. no.	3 poles	
Insulated cross-connector FIQI		
Cat. no.	4 poles	
Insulated cross-connector FIQI		
Cat. no.	5 poles	
Insulated cross-connector FIQI		
Cat. no.	6 poles	
Insulated cross-connector FIQI		
Cat. no.	7 poles	
Insulated cross-connector FIQI		
Cat. no.	8 poles	
Insulated cross-connector FIQI		
Cat. no.	9 poles	
Insulated cross-connector FIQI		
Cat. no.	10 poles	
End stop ZES		
Cat. no.		
Screwdriver SDB		
Cat. no.		
Quick marking PMC SB		
Cat. no.		
Wire-end ferrule for compact connection spaces		
Cat. no.		

FAPI 6-10/3A BG		20
<b>17423.2</b>		
FIQI 6-10/2 YE		50
<b>17412.8</b>		
FIQI 6-10/3 YE		50
<b>17413.8</b>		
FIQI 6-10/4 YE		20
<b>17414.8</b>		
FIQI 6-10/5 YE		20
<b>17415.8</b>		
FIQI 6-10/6 YE		20
<b>17416.8</b>		
FIQI 6-10/7 YE		20
<b>17417.8</b>		
FIQI 6-10/8 YE		10
<b>17418.8</b>		
FIQI 6-10/9 YE		10
<b>17419.8</b>		
FIQI 6-10/10 YE		10
<b>17410.8</b>		
ZES 35/2 BG		50
<b>3811.2</b>		
SDB 0.6x3.5		1
<b>1086.0</b>		
PMC SB 8/40 WH		500
<b>9323.7</b>		
H 10.0/22-D SR IV		500
<b>3026.0</b>		

FAPI 6-10/3A GN		20
<b>17423.1</b>		
FIQI 6-10/2 YE		50
<b>17412.8</b>		
FIQI 6-10/3 YE		50
<b>17413.8</b>		
FIQI 6-10/4 YE		20
<b>17414.8</b>		
FIQI 6-10/5 YE		20
<b>17415.8</b>		
FIQI 6-10/6 YE		20
<b>17416.8</b>		
FIQI 6-10/7 YE		20
<b>17417.8</b>		
FIQI 6-10/8 YE		10
<b>17418.8</b>		
FIQI 6-10/9 YE		10
<b>17419.8</b>		
FIQI 6-10/10 YE		10
<b>17410.8</b>		
ZES 35/2 BG		50
<b>3811.2</b>		
SDB 0.6x3.5		1
<b>1086.0</b>		
PMC SB 8/40 WH		500
<b>9323.7</b>		
H 10.0/22-D SR IV		500
<b>3026.0</b>		

FAPI 16/2A GN		20
<b>3486.1</b>		
SQI 16/2 YE		20
<b>17247.8</b>		
ZES 35/2 BG		50
<b>3811.2</b>		
SDB 0.8x4.0		1
<b>1087.0</b>		
PMC SB 8/40 WH		500
<b>9323.7</b>		



FSLI 16/2A			FNT 16/2A			FRK 16/2A			FSL 16/2A			
												
												
Installation PE terminal 2 connections			Neutral disconnect terminal 1 connection			Feed-through terminal 2 connections			Protective earth terminal 2 connections			
<b>PushIn</b> 72.4 x 12.1 x 48 72.4 x 12.1 x 49			<b>PushIn</b> 76.2 x 12.1 x 48 76.2 x 12.1 x 49			<b>PushIn</b> 72.4 x 12.1 x 48 72.4 x 12.1 x 49			<b>PushIn</b> 72.4 x 12.1 x 48 72.4 x 12.1 x 49			
<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			
FSLI 16/2A GNYE <b>3281.2</b> 50			FNT 16 BU <b>3275.5</b> 50			FRK 16/2A BG <b>3294.2</b> 50 FRK 16/2A BU <b>3294.5</b> 50 FRK 16/2A OG <b>3294.3</b> 50			FSL 16/2A GNYE <b>3299.2</b> 50			
<b>IEC*</b> <b>UL*</b> <b>CSA*</b>			<b>IEC*</b> <b>UL*</b> <b>CSA*</b>			<b>IEC*</b> <b>UL*</b> <b>CSA*</b>			<b>IEC*</b> <b>UL*</b> <b>CSA*</b>			
16   14-4 8   3 A7   V-0			16   14-4 8   3 A7   V-0			16   14-4 8   3 A7   V-0			16   14-4 8   3 A7   V-0			
2.5-25   2.5-25 2.5-16   2.5-16 2.5-25 18			2.5-25   2.5-25 2.5-16   2.5-16 2.5-25 18			2.5-25   2.5-25 2.5-16   2.5-16 2.5-25 18			2.5-25   2.5-25 2.5-16   2.5-16 2.5-25 18			
PA 6.6   -40 to +120°C 1   0			PA 6.6   -40 to +120°C 1   0			PA 6.6   -40 to +120°C 2   0			PA 6.6   -40 to +120°C 1   0			
<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			
FAP 16/2A GN <b>3486.1</b> 20 SQI 16/2 YE <b>17247.8</b> 20			FAPNT 16/2A BU <b>17241.5</b> 20 SQI 16/2 YE <b>17247.8</b> 20			FAP 16/2A BG <b>17420.2</b> 20 SQI 16/2 YE <b>17247.8</b> 20			FAP 16/2A GN <b>17420.1</b> 20 SQI 16/2 YE <b>17247.8</b> 20			
ZES 35/2 BG <b>3811.2</b> 50 SDB 0.8x4.0 <b>1087.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500			ZES 35/2 BG <b>3811.2</b> 50 SDB 0.8x4.0 <b>1087.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500			ZES 35/2 BG <b>3811.2</b> 50 SDB 0.8x4.0 <b>1087.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500			ZES 35/2 BG <b>3811.2</b> 50 SDB 0.8x4.0 <b>1087.0</b> 1 PMC SB 8/40 WH <b>9323.7</b> 500			

\*Approvals applied for!

## Three-wire installation terminals FDLIS



With a width of just 5 mm, the **FDLIS** series is available in thirteen versions and connects with stranded or solid wires up to 4 mm<sup>2</sup> with a rated current of up to 32 A.

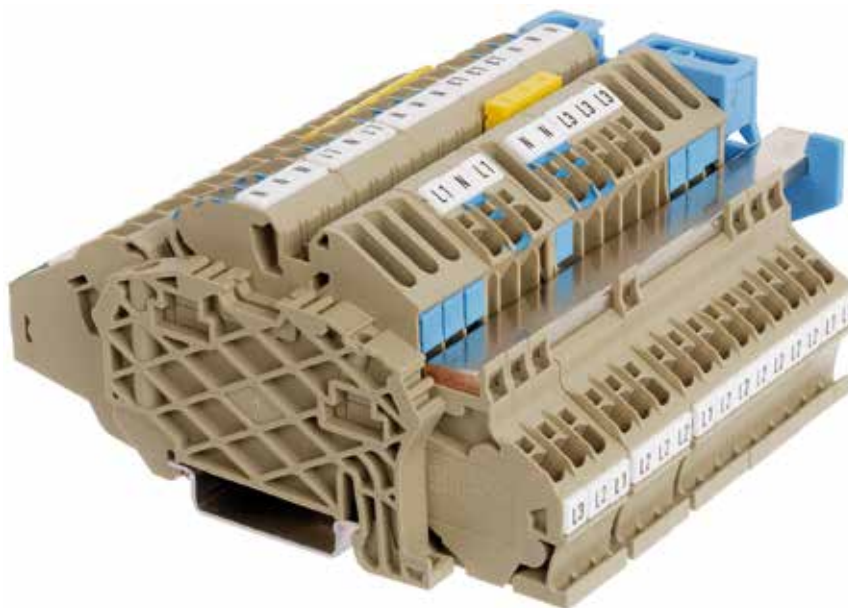
Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The pressure spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release or for the insertion of stranded wire without ferrules. The version with neutral disconnection is designed to accommodate a 10 x 3 mm neutral wire busbar. There is no need for an additional fixing plate because the NT terminal snaps the neutral busbar securely into place. The result is further optimized storage and costs, combined with the added advantage that you save 1.5 mm for each fixing plate no longer needed when mounting side-by-side on the DIN rail.

The **CONTA-CLIP** PE foot on both sides makes contact with the DIN rail. This means that more material is required; however this offers more safety in the area around the protective earth contact.

In addition to the **FDLIS** series of individual terminals and all the advantages that they have to offer, **CONTA-CLIP** also offers pre-assembled blocks of terminals.

This product line contains six different blocks of terminals in common combinations for 1- to 3-phase installations. In addition to the above-mentioned advantages that the individual terminals offer, the use of these standard blocks saves time when installing the distribution wiring and results in extra optimization of work flows and storage costs. The special foot construction of the terminal blocks ensures a simple snap-on attachment and removal from the DIN rail.

Thus, **CONTA-CLIP** offers the ideal extension for work in the installation sector.



## Three-wire installation terminals FDLIS

### The features in detail

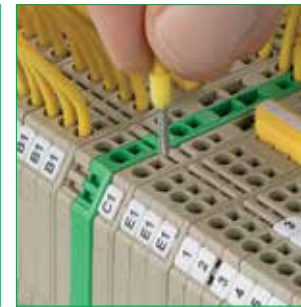
#### Wire connections

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. Connection cross-section of 4 mm<sup>2</sup>, solid or flexible wire with wire-end ferrule. Rated current 32 A at only 5.1 mm single-terminal width. The **FQI** insulated cross-connections have a pluggable design and are available with from 2 to 10 poles.

They can be used to safely distribute the rated current of the **FDLIS** terminals.



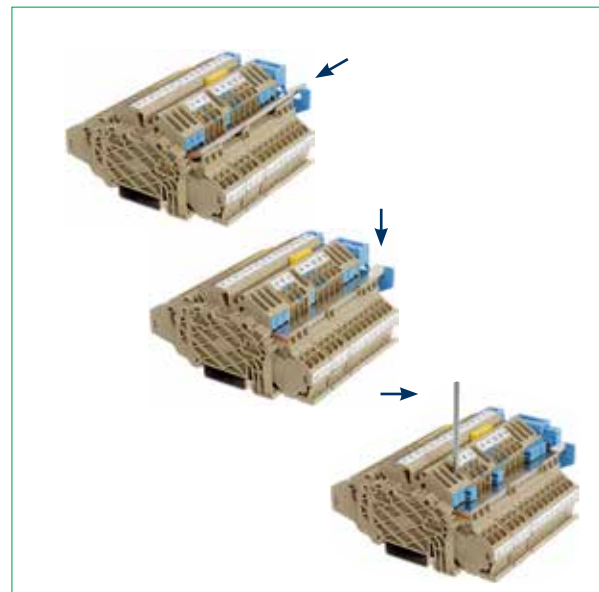
Insert FQI



Connection without tools

#### Attaching and contacting neutral busbars

The neutral disconnect terminals have an integrated fitting and mounting system for the 10 x 3 mm neutral busbars. Thus, an additional fixing plate is not needed and design width is decreased for the terminal construction. Another advantage is the reduction in storage costs. The NT rail is quickly and securely connected with the terminal via a self-connecting, screw-less NT slider.



#### Connecting the PE foot onto the DIN rail

As with all **CONTA-CLIP** PE terminals, the **FSLD** terminals also implement a two-sided contact with the DIN rail. In all the **FSL** series, the foot construction and busbar are made of a single piece of copper. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.





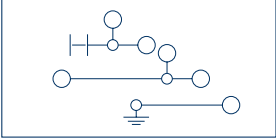
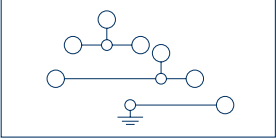
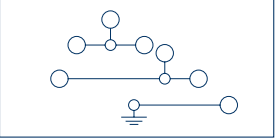


#### Block versions

Block version terminals are connected underneath each other with pegs. This results in increased design stability compared with individual terminals. All **CONTA-CLIP** block versions can be quickly and easily snapped on, with one hand grip, using a special latch in the terminal foot. Removing the blocks is just as quick – using the connected feet with the help of a screwdriver.





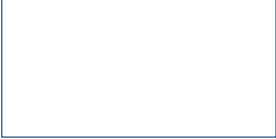
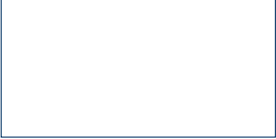
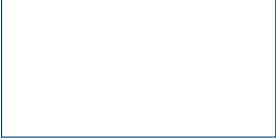


### Three-wire installation terminals FDLIS




PushIn connection system	FDLIS 2.5-4 NT/L/PE	FDLIS 2.5-4 N/L/PE	FDLIS 2.5-4 L/L/PE
 <ul style="list-style-type: none"> <li>Foot can be snapped on TS35 DIN rail</li> <li>Housing made from polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>	 <p>Three-wire installation terminals, 4 connections</p>	 <p>Three-wire installation terminals, 5 connections</p>	 <p>Three-wire installation terminals, 5 connections</p>
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H) mm with TS 35 x 7.5 mm	100 x 5.1 x 49	100 x 5.1 x 49	100 x 5.1 x 49
<b>Type</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
Type Colour	FDLIS 2.5-4 NT/L/PE	FDLIS 2.5-4 N/L/PE	FDLIS 2.5-4 L/L/PE
<b>Cat. no.</b>	<b>3240.2</b>	<b>3241.2</b>	<b>3242.2</b>
Type Colour			
<b>Cat. no.</b>			
Type Colour			
<b>Cat. no.</b>			
Colour variants	②	②	②
<b>Ratings</b>	<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>
Rated voltage, V	400	300	600
Rated current, A	32	25	5
Rated wire cross-section, mm <sup>2</sup>   AWG	4   26-10	4   26-10	4   26-10
Rated impulse voltage, kV   Contamination degree	6   3	6   3	6   3
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94	A3   V-0	A3   V-0	A3   V-0
<b>Connection data</b>			
Single wire (solid)   stranded (flexible), mm <sup>2</sup>	0.2-4   -	0.2-4   -	0.2-4   -
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
Contact wire range, mm <sup>2</sup>	0.2-4	0.2-4	0.2-4
Stripping length, mm	12	12	12
Special connection, mm	Busbar 10 x 3		
<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 option	2   -	2   -	2   -
<b>Accessories</b>	<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
End plate FAP	FAP 4/5 BG	FAP 4/5 BG	FAP 4/5 BG
<b>Cat. no.</b>	<b>3480.2</b>	<b>3480.2</b>	<b>3480.2</b>
Insulated cross-connector FQI	FQI 2.5-4/2 YE	FQI 2.5-4/2 YE	FQI 2.5-4/2 YE
<b>Cat. no.</b>	<b>3492.8</b>	<b>3492.8</b>	<b>3492.8</b>
	2 poles	2 poles	2 poles
Insulated cross-connector FQI	FQI 2.5-4/3 YE	FQI 2.5-4/3 YE	FQI 2.5-4/3 YE
<b>Cat. no.</b>	<b>3493.8</b>	<b>3493.8</b>	<b>3493.8</b>
	3 poles	3 poles	3 poles
Insulated cross-connector FQI	FQI 2.5-4/4 YE	FQI 2.5-4/4 YE	FQI 2.5-4/4 YE
<b>Cat. no.</b>	<b>3494.8</b>	<b>3494.8</b>	<b>3494.8</b>
	4 poles	4 poles	4 poles
Insulated cross-connector FQI	FQI 2.5-4/5 YE	FQI 2.5-4/5 YE	FQI 2.5-4/5 YE
<b>Cat. no.</b>	<b>3495.8</b>	<b>3495.8</b>	<b>3495.8</b>
	5 poles	5 poles	5 poles
Insulated cross-connector FQI	FQI 2.5-4/6 YE	FQI 2.5-4/6 YE	FQI 2.5-4/6 YE
<b>Cat. no.</b>	<b>3496.8</b>	<b>3496.8</b>	<b>3496.8</b>
	6 poles	6 poles	6 poles
Insulated cross-connector FQI	FQI 2.5-4/7 YE	FQI 2.5-4/7 YE	FQI 2.5-4/7 YE
<b>Cat. no.</b>	<b>3497.8</b>	<b>3497.8</b>	<b>3497.8</b>
	7 poles	7 poles	7 poles
Insulated cross-connector FQI	FQI 2.5-4/8 YE	FQI 2.5-4/8 YE	FQI 2.5-4/8 YE
<b>Cat. no.</b>	<b>3498.8</b>	<b>3498.8</b>	<b>3498.8</b>
	8 poles	8 poles	8 poles
Insulated cross-connector FQI	FQI 2.5-4/9 YE	FQI 2.5-4/9 YE	FQI 2.5-4/9 YE
<b>Cat. no.</b>	<b>3499.8</b>	<b>3499.8</b>	<b>3499.8</b>
	9 poles	9 poles	9 poles
Insulated cross-connector FQI	FQI 2.5-4/10 YE	FQI 2.5-4/10 YE	FQI 2.5-4/10 YE
<b>Cat. no.</b>	<b>3490.8</b>	<b>3490.8</b>	<b>3490.8</b>
	10 poles	10 poles	10 poles
Busbar Ssch CU	Ssch 10x3 CU		
<b>Cat. no.</b>	<b>2129.0</b>		
	1m		
End stop ZES	ZES 35/2 BG	ZES 35/2 BG	ZES 35/2 BG
<b>Cat. no.</b>	<b>3811.2</b>	<b>3811.2</b>	<b>3811.2</b>
	50	50	50
Screwdriver SDB	SDB 0.4x2.0	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>	<b>3164.0</b>	<b>3164.0</b>	<b>3164.0</b>
	1	1	1
Quick marking PMC SB	PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
<b>Cat. no.</b>	<b>4600.7</b>	<b>4600.7</b>	<b>4600.7</b>
	500	500	500

FDLIS 2.5-4 N/L			FDLIS 2.5-4 L/L			FDLIS 2.5-4 N			FDLIS 2.5-4 L			
Three-wire installation terminals, 4 connections			Three-wire installation terminals, 4 connections			Three-wire installation terminals, connections			Three-wire installation terminals, 2 connections			
<b>PushIn</b> 100 x 5.1 x 49			<b>PushIn</b> 100 x 5.1 x 49			<b>PushIn</b> 100 x 5.1 x 49			<b>PushIn</b> 100 x 5.1 x 49			
<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			
FDLIS 2.5-4 N/L <b>3243.2</b> 50			FDLIS 2.5-4 L/L <b>3244.2</b> 50			FDLIS 2.5-4 N <b>3245.2</b> 50			FDLIS 2.5-4 L <b>3246.2</b> 50			
<b>②</b>			<b>②</b>			<b>②</b>			<b>②</b>			
<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>	<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>	<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>	<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>	
400	300	600	400	300	600	400	300	600	400	300	600	
32	25	5	32	25	5	32	25	5	32	25	5	
4   26-10			4   26-10			4   26-10			4   26-10			
6   3			6   3			6   3			6   3			
A3   V-0			A3   V-0			A3   V-0			A3   V-0			
0.2-4   -			0.2-4   -			0.2-4   -			0.2-4   -			
0.2-4   0.2-2.5			0.2-4   0.2-2.5			0.2-4   0.2-2.5			0.2-4   0.2-2.5			
0.2-4			0.2-4			0.2-4			0.2-4			
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			
2   -			2   -			2   -			2   -			
<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			<b>Qty.</b>			
FAP 4/S BG <b>3480.2</b> 20			FAP 4/S BG <b>3480.2</b> 20			FAP 4/S BG <b>3480.2</b> 20			FAP 4/S BG <b>3480.2</b> 20			
FQI 2.5-4/2 YE <b>3492.8</b> 50			FQI 2.5-4/2 YE <b>3492.8</b> 50			FQI 2.5-4/2 YE <b>3492.8</b> 50			FQI 2.5-4/2 YE <b>3492.8</b> 50			
FQI 2.5-4/3 YE <b>3493.8</b> 50			FQI 2.5-4/3 YE <b>3493.8</b> 50			FQI 2.5-4/3 YE <b>3493.8</b> 50			FQI 2.5-4/3 YE <b>3493.8</b> 50			
FQI 2.5-4/4 YE <b>3494.8</b> 20			FQI 2.5-4/4 YE <b>3494.8</b> 20			FQI 2.5-4/4 YE <b>3494.8</b> 20			FQI 2.5-4/4 YE <b>3494.8</b> 20			
FQI 2.5-4/5 YE <b>3495.8</b> 20			FQI 2.5-4/5 YE <b>3495.8</b> 20			FQI 2.5-4/5 YE <b>3495.8</b> 20			FQI 2.5-4/5 YE <b>3495.8</b> 20			
FQI 2.5-4/6 YE <b>3496.8</b> 20			FQI 2.5-4/6 YE <b>3496.8</b> 20			FQI 2.5-4/6 YE <b>3496.8</b> 20			FQI 2.5-4/6 YE <b>3496.8</b> 20			
FQI 2.5-4/7 YE <b>3497.8</b> 20			FQI 2.5-4/7 YE <b>3497.8</b> 20			FQI 2.5-4/7 YE <b>3497.8</b> 20			FQI 2.5-4/7 YE <b>3497.8</b> 20			
FQI 2.5-4/8 YE <b>3498.8</b> 10			FQI 2.5-4/8 YE <b>3498.8</b> 10			FQI 2.5-4/8 YE <b>3498.8</b> 10			FQI 2.5-4/8 YE <b>3498.8</b> 10			
FQI 2.5-4/9 YE <b>3499.8</b> 10			FQI 2.5-4/9 YE <b>3499.8</b> 10			FQI 2.5-4/9 YE <b>3499.8</b> 10			FQI 2.5-4/9 YE <b>3499.8</b> 10			
FQI 2.5-4/10 YE <b>3490.8</b> 10			FQI 2.5-4/10 YE <b>3490.8</b> 10			FQI 2.5-4/10 YE <b>3490.8</b> 10			FQI 2.5-4/10 YE <b>3490.8</b> 10			
ZES 35/2 BG <b>3811.2</b> 50			ZES 35/2 BG <b>3811.2</b> 50			ZES 35/2 BG <b>3811.2</b> 50			ZES 35/2 BG <b>3811.2</b> 50			
SDB 0.4x2.0 <b>3164.0</b> 1			SDB 0.4x2.0 <b>3164.0</b> 1			SDB 0.4x2.0 <b>3164.0</b> 1			SDB 0.4x2.0 <b>3164.0</b> 1			
PMC SB 5/50 WH <b>4600.7</b> 500			PMC SB 5/50 WH <b>4600.7</b> 500			PMC SB 5/50 WH <b>4600.7</b> 500			PMC SB 5/50 WH <b>4600.7</b> 500			

**Three-wire installation terminals and block designs FDLIS**

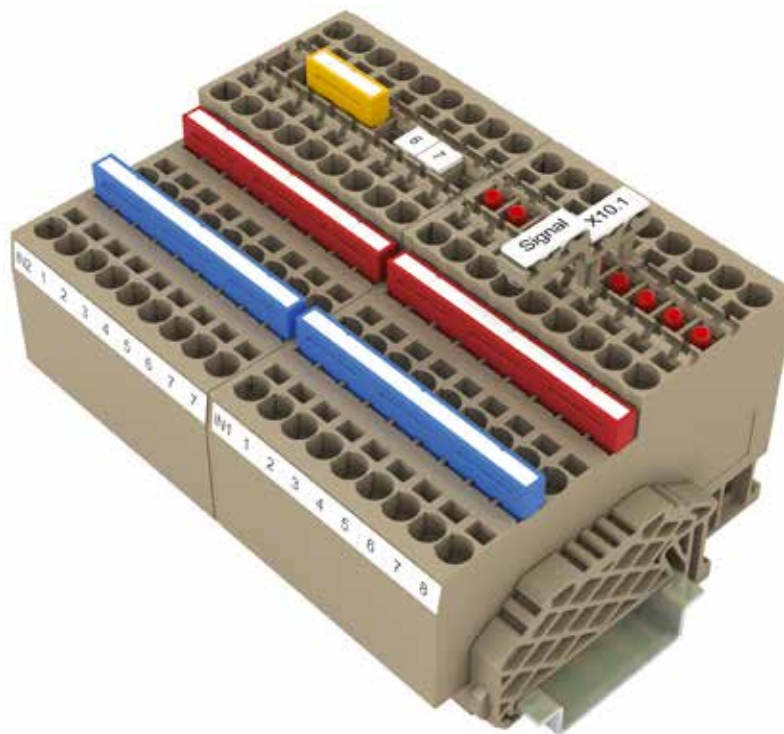
<b>PushIn connection system</b>		<b>FDLIS B 2.5-4 3NT/3L/3PE</b>	<b>FDLIS B 2.5-4 NT/3L/PE</b>	<b>FDLIS B 2.5-4 3L/3N/3PE</b>
 <ul style="list-style-type: none"> <li>• Foot can be snapped on TS35 DIN rail</li> <li>• Housing made from polyamide 6.6 UL 94 V-0</li> </ul>				
<b>Connection diagram</b>				
		Three-wire installation blocks	Three-wire installation blocks	Three-wire installation blocks
<b>Connection type</b>		<b>PushIn</b>	<b>PushIn</b>	<b>PushIn</b>
Size (L x W x H) mm with TS 35 x 7.5 mm		100 x 15.3 x 49	100 x 10.2 x 49	100 x 15.3 x 49
<b>Type</b>		<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
Type Colour		FDLIS B 2.5-4 3NT/3L/3PE	FDLIS B 2.5-4 NT/3L/PE	FDLIS B 2.5-4 3L/3N/3PE
<b>Cat. no.</b>		<b>3247.2</b>	<b>3248.2</b>	<b>3249.2</b>
Type Colour		16	25	16
<b>Cat. no.</b>				
Type Colour				
<b>Cat. no.</b>				
Type Colour				
<b>Cat. no.</b>				
Colour variants				
<b>Ratings</b>		<b>IEC</b>	<b>cCSAus</b>	<b>cCSAus</b>
Rated voltage, V		400	300	600
Rated current, A		32	25	5
Rated wire cross-section, mm <sup>2</sup>   AWG			4   26-10	
Rated impulse voltage, kV   Contamination degree			6   3	
Plug gauge acc. to EN 60 947-1   Flamm. class acc. to UL 94			A3   V-0	
<b>Connection data</b>				
Single wire (solid)   stranded (flexible), mm <sup>2</sup>			0.2-4   -	
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>			0.2-4   0.2-2.5	
Contact wire range, mm <sup>2</sup>			0.2-4	
Stripping length, mm			12	
<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 option		2   -	2   -	2   -
<b>Accessories</b>		<b>Qty.</b>	<b>Qty.</b>	<b>Qty.</b>
End plate FAP		FAP 4/S BG	FAP 4/S BG	FAP 4/S BG
<b>Cat. no.</b>		<b>3480.2</b>	<b>3480.2</b>	<b>3480.2</b>
Insulated cross-connector FQI		FQI 2.5-4/2 YE	FQI 2.5-4/2 YE	FQI 2.5-4/2 YE
<b>Cat. no.</b>		<b>3492.8</b>	<b>3492.8</b>	<b>3492.8</b>
2 poles		50	50	50
Insulated cross-connector FQI		FQI 2.5-4/3 YE	FQI 2.5-4/3 YE	FQI 2.5-4/3 YE
<b>Cat. no.</b>		<b>3493.8</b>	<b>3493.8</b>	<b>3493.8</b>
3 poles		50	50	50
Insulated cross-connector FQI		FQI 2.5-4/4 YE	FQI 2.5-4/4 YE	FQI 2.5-4/4 YE
<b>Cat. no.</b>		<b>3494.8</b>	<b>3494.8</b>	<b>3494.8</b>
4 poles		20	20	20
Insulated cross-connector FQI		FQI 2.5-4/5 YE	FQI 2.5-4/5 YE	FQI 2.5-4/5 YE
<b>Cat. no.</b>		<b>3495.8</b>	<b>3495.8</b>	<b>3495.8</b>
5 poles		20	20	20
Insulated cross-connector FQI		FQI 2.5-4/6 YE	FQI 2.5-4/6 YE	FQI 2.5-4/6 YE
<b>Cat. no.</b>		<b>3496.8</b>	<b>3496.8</b>	<b>3496.8</b>
6 poles		20	20	20
Insulated cross-connector FQI		FQI 2.5-4/7 YE	FQI 2.5-4/7 YE	FQI 2.5-4/7 YE
<b>Cat. no.</b>		<b>3497.8</b>	<b>3497.8</b>	<b>3497.8</b>
7 poles		20	20	20
Insulated cross-connector FQI		FQI 2.5-4/8 YE	FQI 2.5-4/8 YE	FQI 2.5-4/8 YE
<b>Cat. no.</b>		<b>3498.8</b>	<b>3498.8</b>	<b>3498.8</b>
8 poles		10	10	10
Insulated cross-connector FQI		FQI 2.5-4/9 YE	FQI 2.5-4/9 YE	FQI 2.5-4/9 YE
<b>Cat. no.</b>		<b>3499.8</b>	<b>3499.8</b>	<b>3499.8</b>
9 poles		10	10	10
Insulated cross-connector FQI		FQI 2.5-4/10 YE	FQI 2.5-4/10 YE	FQI 2.5-4/10 YE
<b>Cat. no.</b>		<b>3490.8</b>	<b>3490.8</b>	<b>3490.8</b>
10 poles		10	10	10
Busbar Ssch CU		Ssch 10x3 CU	Ssch 10x3 CU	Ssch 10x3 CU
<b>Cat. no.</b>		<b>2129.0</b>	<b>2129.0</b>	<b>2129.0</b>
		1m	1m	
End stop ZES		ZES 35/2 BG	ZES 35/2 BG	ZES 35/2 BG
<b>Cat. no.</b>		<b>3811.2</b>	<b>3811.2</b>	<b>3811.2</b>
		50	50	50
Screwdriver SDB		SDB 0.4x2.0	SDB 0.4x2.0	SDB 0.4x2.0
<b>Cat. no.</b>		<b>3164.0</b>	<b>3164.0</b>	<b>3164.0</b>
		1	1	1
Quick marking PMC SB		PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
<b>Cat. no.</b>		<b>4600.7</b>	<b>4600.7</b>	<b>4600.7</b>
		500	500	500



FDLIS B 2.5-4 3L/N/PE	FDLIS B 2.5-4 6L	FDLIS 2.5-4 6L/3PE		
				
Three-wire installation blocks	Three-wire installation blocks	Three-wire installation blocks		
<b>PushIn</b> 100 x 10.2 x 49	<b>PushIn</b> 100 x 15.3 x 49	<b>PushIn</b> 100 x 15.3 x 49		
<b>Qty.</b> FDLIS B 2.5-4 3L/N/PE <b>3250.2</b> 25	<b>Qty.</b> FDLIS B 2.5-4 6L <b>3251.2</b> 16	<b>Qty.</b> FDLIS 2.5-4 6L/3PE <b>3252.2</b> 16		
<b>②</b> <b>IEC cCSAus cCSAus</b> 400 300 600 32 25 5 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12 PA 6.6   -40 to +120°C 2   - <b>Qty.</b> FAP 4/S BG <b>3480.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10	<b>②</b> <b>IEC cCSAus cCSAus</b> 400 300 600 32 25 5 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12 PA 6.6   -40 to +120°C 2   - <b>Qty.</b> FAP 4/S BG <b>3480.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10	<b>②</b> <b>IEC cCSAus cCSAus</b> 400 300 600 32 25 5 4   26-10 6   3 A3   V-0 0.2-4   - 0.2-4   0.2-2.5 0.2-4 12 PA 6.6   -40 to +120°C 2   - <b>Qty.</b> FAP 4/S BG <b>3480.2</b> 20 FQI 2.5-4/2 YE <b>3492.8</b> 50 FQI 2.5-4/3 YE <b>3493.8</b> 50 FQI 2.5-4/4 YE <b>3494.8</b> 20 FQI 2.5-4/5 YE <b>3495.8</b> 20 FQI 2.5-4/6 YE <b>3496.8</b> 20 FQI 2.5-4/7 YE <b>3497.8</b> 20 FQI 2.5-4/8 YE <b>3498.8</b> 10 FQI 2.5-4/9 YE <b>3499.8</b> 10 FQI 2.5-4/10 YE <b>3490.8</b> 10		
ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50	ZES 35/2 BG <b>3811.2</b> 50		
SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1	SDB 0.4x2.0 <b>3164.0</b> 1		
PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500	PMC SB 5/50 WH <b>4600.7</b> 500		

## Initiator terminals FIK

**CONTA-CLIP** is extending its **CONTA-CONNECT** line with the **FIK 2.5** initiators terminals featuring pressure-spring wire connections.



### Initiator terminals FIK

In order to start-up electromechanical functions in machinery and facilities, a link must be established from signal emitters, actuators and alert sources with the controller. These signals are consolidated in decentralized units in order to reduce the wiring overhead and speed up the troubleshooting process.




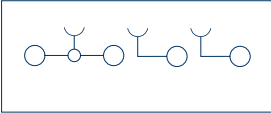
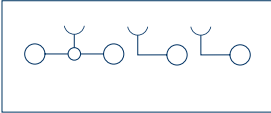
On the **FIK 2.5**, the upper level is for signal wiring and the lower level is for the voltage supply (e.g. the plus/minus distribution).

A separate supply module is not required, since each terminal block can accept a wire up to 2.5 mm<sup>2</sup> with ferrule. The rated total load of the individual potentials is 24 A.

### Features

- Three-wire connection with a width of 5.1 mm
- Pressure spring connection system, Push-In
- Cross-connection option via standard Cross-connect system FQI 2.5
- Rated total load: 24 A
- Versions with illuminated display to signal the switching states
- Unique identification option for each signal  
For each base terminal and identification adapter

# Initiator terminals FIK

PushIn connection system	FIK 2.5/3	FIK 2.5/3/LED	
 <ul style="list-style-type: none"> <li>Foot can be snapped on TS35 DIN rail</li> <li>Housing made from polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
	Initiator terminal 4 connections	Initiator terminal 4 connections with LED	
<b>Connection type</b>	<b>PushIn</b>	<b>PushIn</b>	
Size (L x W x H), mm	72 x 5.1 x 47	72 x 5.1 x 47	
Size (L x W x H) mm with TS 35 x 7.5 mm	72 x 5.1 x 48	72 x 5.1 x 48	
<b>TYPE</b>	<b>Qty.</b>	<b>Qty.</b>	
Type / colour	FIK 2.5/3 BG	FIK 2.5/3/LED(RD) BG	
<b>Cat. no.</b>	<b>3295.2</b>	<b>3296.2</b>	100
Colour variants	②	②	
<b>Ratings</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	<b>IEC*</b> <b>UL*</b> <b>CSA*</b>	
Rated voltage, V	250 300 300	24 24 24	
Rated current, A	24 10 10	24 10 10	
Rated cross-section, mm <sup>2</sup>   AWG	2.5   26-12	2.5   26-12	
Rated impulse voltage, kV   Contamination degree	4   3	4   3	
Flamm. class acc. to UL 94	A3   V-0	A3   V-0	
<b>Connection data</b>			
Single wire (solid)   Stranded (flexible), mm <sup>2</sup>	0.2-4   -	0.2-4   -	
Finely-stranded   finely-stranded (w/ferrules: DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5	0.2-4   0.2-2.5	
Clamping area, mm <sup>2</sup>	0.2-4	0.2-4	
Stripping length, mm	12	12	
Cross-current via LED, mA	-	5	
<b>Features</b>			
Material of insulated housing   Temperature range	PA 6.6   -40°C to +120°C	PA 6.6   -40°C to +120°C	
Number of cross-connection channels   Test pick-off option	3   0	3   0	
<b>Accessories</b>			
End plate FAPIK	FAPIK 2.5/3 BG	FAPIK 2.5/3 BG	
<b>Cat. no.</b>	<b>17430.2</b>	<b>17430.2</b>	
Insulated cross-connector FQI	FQI 2.5/2 YE	FQI 2.5/2 YE	
<b>Cat. no.</b>	<b>3462.8</b>	<b>3462.8</b>	2 poles
Insulated cross-connector FQI	FQI 2.5/3 YE	FQI 2.5/3 YE	
<b>Cat. no.</b>	<b>3463.8</b>	<b>3463.8</b>	3 poles
Insulated cross-connector FQI	FQI 2.5/4 YE	FQI 2.5/4 YE	
<b>Cat. no.</b>	<b>3464.8</b>	<b>3464.8</b>	4 poles
Insulated cross-connector FQI	FQI 2.5/5 YE	FQI 2.5/5 YE	
<b>Cat. no.</b>	<b>3465.8</b>	<b>3465.8</b>	5 poles
Insulated cross-connector FQI	FQI 2.5/6 YE	FQI 2.5/6 YE	
<b>Cat. no.</b>	<b>3466.8</b>	<b>3466.8</b>	6 poles
Insulated cross-connector FQI	FQI 2.5/6 YE	FQI 2.5/6 YE	
<b>Cat. no.</b>	<b>3467.8</b>	<b>3467.8</b>	7 poles
Insulated cross-connector FQI	FQI 2.5/8 YE	FQI 2.5/8 YE	
<b>Cat. no.</b>	<b>3468.8</b>	<b>3468.8</b>	8 poles
Insulated cross-connector FQI	FQI 2.5/9 YE	FQI 2.5/9 YE	
<b>Cat. no.</b>	<b>3469.8</b>	<b>3469.8</b>	9 poles
Insulated cross-connector FQI	FQI 2.5/10 YE	FQI 2.5/10 YE	
<b>Cat. no.</b>	<b>3460.8</b>	<b>3460.8</b>	10 poles
Insulated cross-connector FQI	FQI 2.5/50 YE	FQI 2.5/50 YE	
<b>Cat. no.</b>	<b>3461.8</b>	<b>3461.8</b>	50 poles
Cross-connector			
Colour variants	④ ⑤ ⑧ ⑨	④ ⑤ ⑧ ⑨	
End stop ZES	ZES 35/2 BG	ZES 35/2 BG	
<b>Cat. no.</b>	<b>3811.2</b>	<b>3811.2</b>	
Screwdriver SDB	SDB 0.5x3.0	SDB 0.5x3.0	
<b>Cat. no.</b>	<b>1085.0</b>	<b>1085.0</b>	
labelling adapter FBA	FBA 1 BG	FBA 1 BG	
<b>Cat. no.</b>	<b>3424.2</b>	<b>3424.2</b>	
Quick marking PMC SB	PMC SB 550 WH	PMC SB 5/50 WH	
<b>Cat. no.</b>	<b>4600.7</b>	<b>4600.7</b>	

\*Approval applied for



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This brochure contains supplemental information describing our connection system products.

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