

# Push-in connection system PRK | PSL



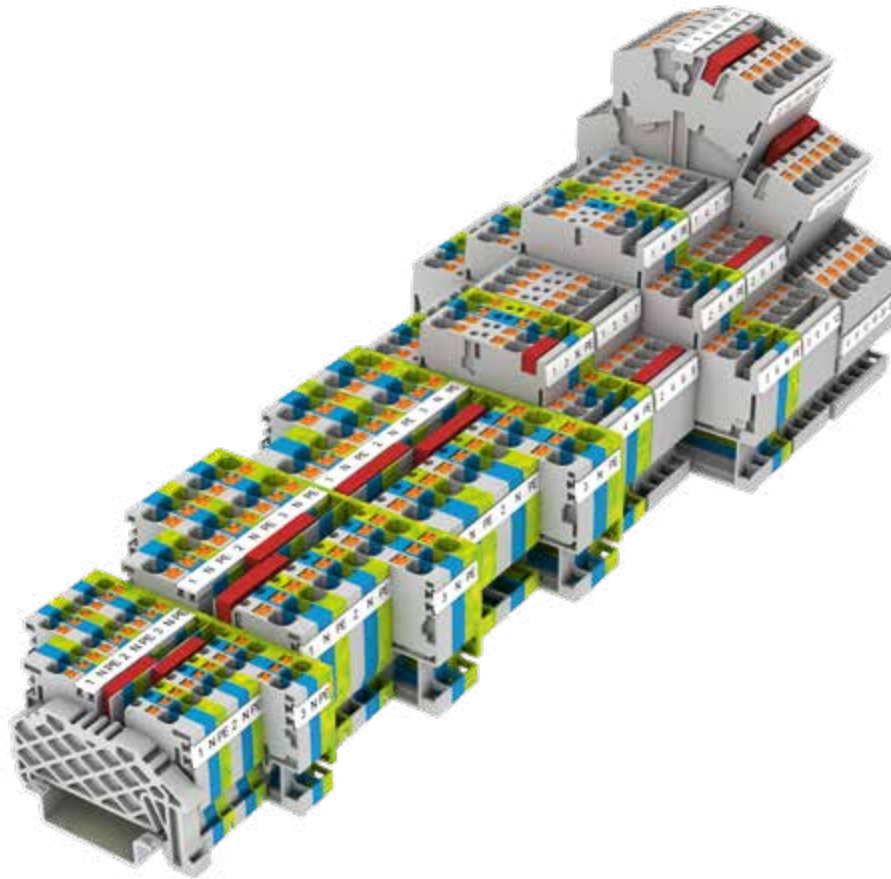
Push-in connection system

The terminal blocks **PRK** with Push-in connections feature optimisations that existing systems do not have.

Despite the high contact force of the Push-in spring, the CONTA-CLIP solution enables solid wires as well as stranded wires with wire-end ferrules to be safely terminated using less insertion force.

Opening the clamp to release the wire is done using the integrated / insulated pusher that ensures that pressing the clamping point is safe. This gives you a noticeable time advantage during the wiring process. The extremely compact terminals ensure a high current-carrying capacity, absolute secure fit and the highest level of stability. The new feed-through and protective-earth terminals are available in six cross-section

ranges from 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup> in 2-, 3- and 4-wire connection variants for wire cross-sections of 0.34 mm<sup>2</sup> to 25 mm<sup>2</sup> and are therefore an optimum supplement to the proven **FRK** Push-in connection system with its extensive functional terminal product range of double-level, initiator, disconnect, fuse and installation terminals. All of the insulating materials used in these product lines are free of pollutants. They also comply with flammability class V-0 (self-extinguishing) according to UL 94.



## The advantages

- Wire insertion requires no tools
- Less insertion force
- Built-in insulated pusher for disconnecting the wire
- Double cross-connect option
- Test pick-off at each potential
- PE foot contact on both sides
- Comprehensive marking options



## Features

- Push-in connection system
- Feed-through and PE terminals up to 16 mm<sup>2</sup>
- Pluggable cross-connection system PQI
- Material: PA 6.6 UL 94 V-0

# Features

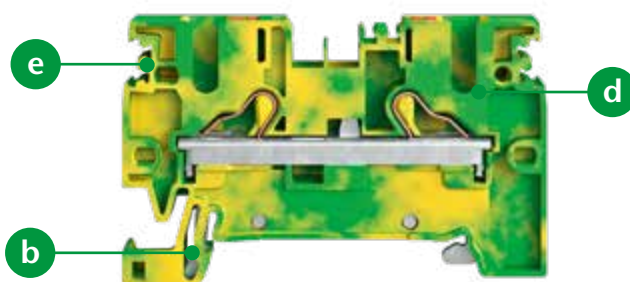
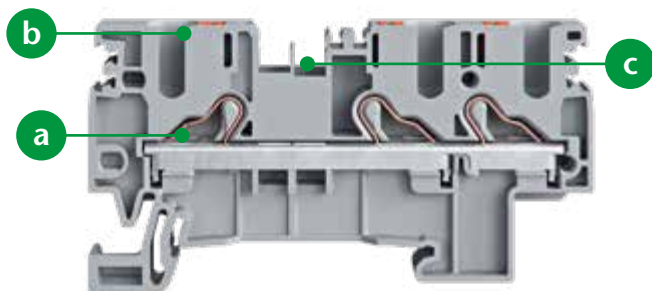
## a The wire connection / contact reliability

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

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

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

- Easy to work with
- Connection without tools
- Generous wire-entry geometry
- Secure against faulty connection thanks to pushers
- Easy to operate, even under cramped working conditions, because of the TOP connection
- Saves time and money
- PE foot contacts on both sides – can be snapped on (no screws) to **TS 35x7.5** and **TS 35x15** rails.



## c Pluggable cross-connection options

Distributing potentials with the pluggable **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 of 1.5 mm<sup>2</sup> and 10 mm<sup>2</sup>.



- Simple to insert and thus quicker to install
- No insulation plate or partition plate is required between neighbouring cross-connections, since the **PQI** has 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 PA 6.6 UL 94, flamm. 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 clamp. Different labelling systems can be used

# An overview of the advantages

## Connection without tools

The PRK Push-in connection requires 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.

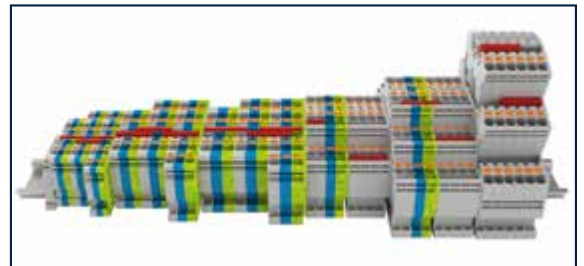


## Wire connection and separating the contact

A faulty connection is avoided by colour-contrasted and insulated pushers. The Push-in spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. The pusher can be pressed to open the clamp to release the wire or to insert stranded wire without ferrules.

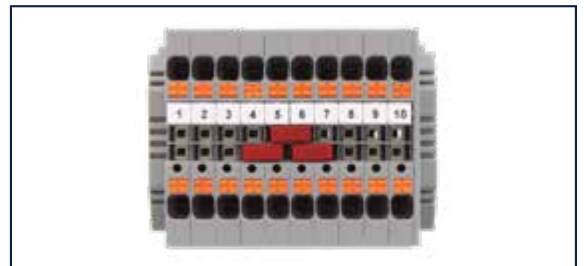
## Cross-connection system

The PQI insulated cross-connections have a pluggable design and are available with 2, 3, 4, 10 and 20 poles, they cross connect up to the rated current of the relevant PIKD terminals.



## Potential distribution

Using the double cross-connection channels, any number of terminals can be connected with each other using two-pole cross connectors PQI.../2.



## Skip-over bridging

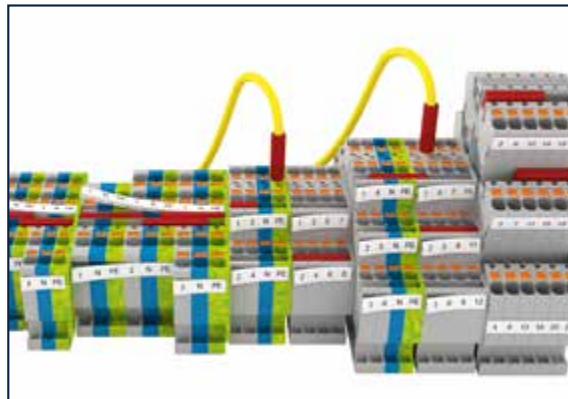
It is possible to skip over terminal blocks by breaking out individual contact poles. Separated contact elements can be labelled using the plastic insulation of the cross-connector.



# An overview of the advantages

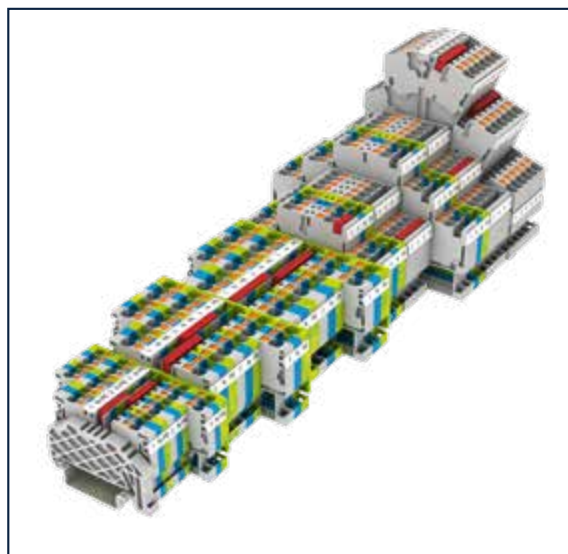
## Labelling

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



## An effective and comprehensive range

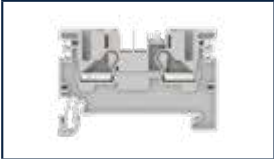

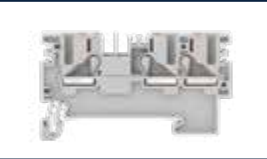



Feed-through and protective-earth terminals are available in six cross-section ranges from 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup> in 2-, 3- and 4-wire connection variants for wire cross-sections of 0.34 mm<sup>2</sup> to 25 mm<sup>2</sup>. The standard feed-through terminals from 1.5 mm<sup>2</sup> to 16 mm<sup>2</sup> feature two cross-connection channels. 2.5mm<sup>2</sup> double-level, three-level and motor connection terminals have been added to the product range.



## 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 PRK | Protective earth terminals PSL

Push-in connection system	PRK 1.5/2A	PSL 1.5/2A	PRK 1.5/3A
<ul style="list-style-type: none"> <li>• Foot base can be snapped on TS 35 DIN rail</li> <li>• Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	45 x 3.5 x 30.5	45 x 3.5 x 30.5	54.1 x 3.5 x 30.5
Size (L x W x H) with TS 35 x 7.5, mm	45 x 3.5 x 32	45 x 3.5 x 32	54.1 x 3.5 x 32
<b>Type / colour</b>	<b>PRK 1.5/2A GR</b> ●	<b>PSL 1.5/2A GNYE</b> ●●	<b>PRK 1.5/3A GR</b> ●
<i>Cat. no.</i>	27000.6	27001.2	27002.6
<b>Qty.</b>	50	50	50
<b>Type / colour</b>	<b>PRK 1.5/2A BU</b> ●		<b>PRK 1.5/3A BU</b> ●
<i>Cat. no.</i>	27000.5		27002.5
<b>Qty.</b>	50		50
<b>Type / colour</b>	<b>PRK 1.5/2A OG</b> ●		<b>PRK 1.5/3A OG</b> ●
<i>Cat. no.</i>	27000.3		27002.3
<b>Qty.</b>	50		50
<b>Ratings</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>
Rated voltage (V)	500	600	600
Rated current (A)	17,5*	15*	15*
Rated wire cross-section, mm <sup>2</sup> / AWG	1.5 / 26–14	1.5 / 26–14	1.5 / 26–14
Rated surge voltage, kV / Contamination degree	6 / 3	6 / 3	6 / 3
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94	A1 / V-0	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 / -	0.14–1.5 / -
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.14–1.5 / 0.14–1	0.14–1.5 / 0.14–1	0.14–1.5 / 0.15–1
Clamping range, mm <sup>2</sup>	0.14–1.5	0.14–1.5	0.14–1.5
Stripping length, mm	8–10	8–10	8–10
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2 / 1	1 / 1	2 / 1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 1.5/2A GR</b>	<b>PAP 1.5/2A GN</b>	<b>PAP 1.5/3A GR</b>
<i>Cat. no.</i>	27100.6	27100.1	27101.6
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 1.5/2 RD</b>	<b>PQI 1.5/2 RD</b>	<b>PQI 1.5/2 RD</b>
<i>Cat. no.</i>	27122.9	27122.9	27122.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 1.5/3 RD</b>	<b>PQI 1.5/3 RD</b>	<b>PQI 1.5/3 RD</b>
<i>Cat. no.</i>	27123.9	27123.9	27123.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 1.5/4 RD</b>	<b>PQI 1.5/4 RD</b>	<b>PQI 1.5/4 RD</b>
<i>Cat. no.</i>	27124.9	27124.9	27124.9
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 1.5/10 RD</b>	<b>PQI 1.5/10 RD</b>	<b>PQI 1.5/10 RD</b>
<i>Cat. no.</i>	27130.9	27130.9	27130.9
<b>Qty.</b>	10	10	10
<b>Insulated cross-connector PQI</b>	<b>PQI 1.5/20 RD</b>	<b>PQI 1.5/20 RD</b>	<b>PQI 1.5/20 RD</b>
<i>Cat. no.</i>	27131.9	27131.9	27131.9
<b>Qty.</b>	5	5	5
<b>End stop ZES</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>
<i>Cat. no.</i>	3811.6	3811.6	3811.6
<b>Qty.</b>	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
<i>Cat. no.</i>	2007.0	2007.0	2007.0
<b>Qty.</b>	20	20	20
<b>Screwdriver SBD</b>	<b>SDB 0.4x2.0</b>	<b>SDB 0.4x2.0</b>	<b>SDB 0.4x2.0</b>
<i>Cat. no.</i>	3164.0	3164.0	3164.0
<b>Qty.</b>	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 3.5x5/56 WH</b>	<b>PC-SB 3.5x5/56 WH</b>	<b>PC-SB 3.5x5/56 WH</b>
<i>Cat. no.</i>	28350.7	28350.7	28350.7
<b>Qty.</b>	1120	1120	1120

PSL 1.5/3A			PRK 1.5/4A			PSL 1.5/4A		
Protective earth terminal 3 connections			Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in			Push-in			Push-in		
54.1 x 3.5 x 30.5			63.2 x 3.5 x 30.5			63.2 x 3.5 x 30.5		
54.1 x 3.5 x 32			63.2 x 3.5 x 32			63.2 x 3.5 x 32		
PSL 1.5/3A GNYE			PRK 1.5/4A GR			PSL 1.5/4A GNYE		
27003.2 50			27004.6 50			27005.2 50		
			PRK 1.5/4A BU					
			27004.5 50					
			PRK 1.5/4A OG					
			27004.3 50					
IEC*	UL*	CSA*	IEC*	UL*	CSA*	IEC*	UL*	CSA*
			500	600	600			
			17.5*	15*	15*			
1.5/26-14			1.5/26-14			1.5/26-14		
6/3			6/3			6/3		
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			0.14-1.5/0.14-1			0.14-1.5/0.15-1		
0.14-1.5			0.14-1.5			0.14-1.5		
8-10			8-10			8-10		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1/1			2/1			1/1		
PAP 1.5/3A GN			PAP 1.5/4A GR			PAP 1.5/4A GN		
27101.1 20			27102.6 20			27102.1 20		
PQI 1.5/2 RD			PQI 1.5/2 RD			PQI 1.5/2 RD		
27122.9 50			27122.9 50			27122.9 50		
PQI 1.5/3 RD			PQI 1.5/3 RD			PQI 1.5/3 RD		
27123.9 50			27123.9 50			27123.9 50		
PQI 1.5/4 RD			PQI 1.5/4 RD			PQI 1.5/4 RD		
27124.9 20			27124.9 20			27124.9 20		
PQI 1.5/10 RD			PQI 1.5/10 RD			PQI 1.5/10 RD		
27130.9 10			27130.9 10			27130.9 10		
PQI 1.5/20 RD			PQI 1.5/20 RD			PQI 1.5/20 RD		
27131.9 5			27131.9 5			27131.9 5		
ZES 35/2 GR			ZES 35/2 GR			ZES 35/2 GR		
3811.6 50			3811.6 50			3811.6 50		
PS 2.3			PS 2.3			PS 2.3		
2007.0 20			2007.0 20			2007.0 20		
SDB 0.4x2.0			SDB 0.4x2.0			SDB 0.4x2.0		
3164.0 1			3164.0 1			3164.0 1		
PC-SB 3.5x5/56 WH			PC-SB 3.5x5/56 WH			PC-SB 3.5x5/56 WH		
28350.7 1120			28350.7 1120			28350.7 1120		







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












Push-in connection system	PRK 2.5/2A	PSL 2.5/2A	PRK 2.5/3A
<ul style="list-style-type: none"> <li>• Foot base can be snapped on TS 35 DIN rail</li> <li>• Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	48.5 x 5.1 x 35.2	48.5 x 5.1 x 35.2	60.35 x 5.1 x 35.2
Size (L x W x H) with TS 35 x 7.5, mm	48.5 x 5.1 x 36.7	48.5 x 5.1 x 36.7	60.35 x 5.1 x 36.7
<b>Type / colour</b>	<b>PRK 2.5/2A GR</b> ●	<b>PSL 2.5/2A GNYE</b> ●●	<b>PRK 2.5/3A GR</b> ●
Cat. no.	27006.6	27007.2	27008.6
Qty.	50	50	50
<b>Type / colour</b>	<b>PRK 2.5/2A BU</b> ●		<b>PRK 2.5/3A BU</b> ●
Cat. no.	27006.5		27008.5
Qty.	50		50
<b>Type / colour</b>	<b>PRK 2.5/2A OG</b> ●		<b>PRK 2.5/3A OG</b> ●
Cat. no.	27006.3		27008.3
Qty.	50		50
<b>Ratings</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>
Rated voltage (V)	800	600	600
Rated current (A)	28*	20*	20*
Rated wire cross-section, mm <sup>2</sup> / AWG	4/26–12	4/26–12	4/26–12
Rated surge 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>	0.14–4/-	0.14–4/-	0.14–4/-
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.14–2.5/0.14–2.5	0.14–2.5/0.14–2.5	0.14–2.5/0.14–2.5
Clamping range, mm <sup>2</sup>	0.14–4	0.14–4	0.14–4
Stripping length, mm	8–10	8–10	8–10
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2/1	1/1	2/1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 2.5/2A GR</b>	<b>PAP 2.5/2A GR</b>	<b>PAP 2.5/3A GR</b>
Cat. no.	27103.6	27103.6	27104.6
Qty.	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 2.5/2 RD</b>	<b>PQI 2.5/2 RD</b>	<b>PQI 2.5/2 RD</b>
Cat. no.	27132.9	27132.9	27132.9
Qty.	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 2.5/3 RD</b>	<b>PQI 2.5/3 RD</b>	<b>PQI 2.5/3 RD</b>
Cat. no.	27133.9	27133.9	27133.9
Qty.	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 2.5/4 RD</b>	<b>PQI 2.5/4 RD</b>	<b>PQI 2.5/4 RD</b>
Cat. no.	27134.9	27134.9	27134.9
Qty.	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 2.5/10 RD</b>	<b>PQI 2.5/10 RD</b>	<b>PQI 2.5/10 RD</b>
Cat. no.	27140.9	27140.9	27140.9
Qty.	10	10	10
<b>Insulated cross-connector PQI</b>	<b>PQI 2.5/20 RD</b>	<b>PQI 2.5/20 RD</b>	<b>PQI 2.5/20 RD</b>
Cat. no.	27141.9	27141.9	27141.9
Qty.	5	5	5
<b>End stop ZES</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>
Cat. no.	3811.6	3811.6	3811.6
Qty.	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
Cat. no.	2007.0	2007.0	2007.0
Qty.	20	20	20
<b>Screwdriver SDB</b>	<b>SDB 0,4x2.5</b>	<b>SDB 0,4x2.5</b>	<b>SDB 0,4x2.5</b>
Cat. no.	3169.0	3169.0	3169.0
Qty.	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 5x5/48 WH</b>	<b>PC-SB 5x5/48 WH</b>	<b>PC-SB 5x5/48 WH</b>
Cat. no.	28342.7	28342.7	28342.7
Qty.	960	960	960

PSL 2.5/3A			PRK 2.5/4A			PSL 2.5/4A		
Protective earth terminal 3 connections			Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in			Push-in			Push-in		
60.35 x 5.1 x 35.2			72.2 x 5.1 x 35.2			72.2 x 5.1 x 35.2		
60.35 x 5.1 x 36.7			72.2 x 5.1 x 36.7			72.2 x 5.1 x 36.7		
PSL 2.5/3A GNYE			PRK 2.5/4A GR			PSL 2.5/4A GNYE		
27009.2 50			27010.6 50			27011.2 50		
			PRK 2.5/4A BU					
			27010.5 50					
			PRK 2.5/4A OG					
			27010.3 50					
IEC*	UL*	CSA*	IEC*	UL*	CSA*	IEC*	UL*	CSA*
			800	600	600			
			28*	20*	20*			
4 / 26-12			4 / 26-12			1.5 / 26-14		
6 / 3			6 / 3			6 / 3		
A3 / V-0			A3 / V-0			A1 / V-0		
0.14-4 / -			0.14-4 / -			0.14-1.5 / -		
0.14-2.5 / 0.14-2.5			0.14-2.5 / 0.14-2.5			0.14-1.5 / 0.15-1		
0.14-4			0.14-4			0.14-1.5		
8-10			8-10			8-10		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1 / 1			2 / 1			1 / 1		
PAP 2.5/3A GR			PAP 2.5/4A GR			PAP 2.5/4A GR		
27104.6 20			27105.6 20			27105.6 20		
PQI 2.5/2 RD			PQI 2.5/2 RD			PQI 2.5/2 RD		
27132.9 50			27132.9 50			27132.9 50		
PQI 2.5/3 RD			PQI 2.5/3 RD			PQI 2.5/3 RD		
27133.9 50			27133.9 50			27133.9 50		
PQI 2.5/4 RD			PQI 2.5/4 RD			PQI 2.5/4 RD		
27134.9 20			27134.9 20			27134.9 20		
PQI 2.5/10 RD			PQI 2.5/10 RD			PQI 2.5/10 RD		
27140.9 10			27140.9 10			27140.9 10		
PQI 2.5/20 RD			PQI 2.5/20 RD			PQI 2.5/20 RD		
27141.9 5			27141.9 5			27141.9 5		
ZES 35/2 GR			ZES 35/2 GR			ZES 35/2 GR		
3811.6 50			3811.6 50			3811.6 50		
PS 2.3			PS 2.3			PS 2.3		
2007.0 20			2007.0 20			2007.0 20		
SDB 0,4x2.5			SDB 0,4x2.5			SDB 0,4x2.5		
3169.0 1			3169.0 1			3169.0 1		
PC-SB 5x5/48 WH			PC-SB 5x5/48 WH			PC-SB 5x5/48 WH		
28342.7 960			28342.7 960			28342.7 960		
















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

Push-in connection system	PRK 4/2A	PSL 4/2A	PRK 4/3A
<ul style="list-style-type: none"> <li>Foot base can be snapped on TS 35 DIN rail</li> <li>Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	56 x 6.1 x 35.2	56 x 6.1 x 35.2	66.5 x 6.1 x 35.2
Size (L x W x H) with TS 35 x 7.5, mm	56 x 6.1 x 36.7	56 x 6.1 x 36.7	66.5 x 6.1 x 36.7
<b>Type / colour</b>	<b>PRK 4/2A GR</b> ●	<b>PSL 4/2A GNYE</b> ●●	<b>PRK 4/3A GR</b> ●
<i>Cat. no.</i>	27012.6	27013.2	27014.6
<b>Qty.</b>	50	50	50
<b>Type / colour</b>	<b>PRK 4/2A BU</b> ●		<b>PRK 4/3A BU</b> ●
<i>Cat. no.</i>	27012.5		27014.5
<b>Qty.</b>	50		50
<b>Type / colour</b>	<b>PRK 4/2A OG</b> ●		<b>PRK 4/3A OG</b> ●
<i>Cat. no.</i>	27012.3		27014.3
<b>Qty.</b>	50		50
<b>Ratings</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>
Rated voltage (V)	800	600	600
Rated current (A)	32*	30*	30*
Rated wire cross-section, mm <sup>2</sup> / AWG	4/24-12	4/24-12	4/24-12
Rated surge 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 46228/1), mm <sup>2</sup>	0.2-4/0.25-4	0.2-4/0.25-4	0.2-4/0.25-4
Clamping 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 °C to +120 °C	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	2/1	1/1	2/1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 4/2A GR</b>	<b>PAP 4/2A GR</b>	<b>PAP 4/3A GR</b>
<i>Cat. no.</i>	27106.6	27106.6	27107.6
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 4/2 RD</b>	<b>PQI 4/2 RD</b>	<b>PQI 4/2 RD</b>
<i>Cat. no.</i>	27142.9	27142.9	27142.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 4/3 RD</b>	<b>PQI 4/3 RD</b>	<b>PQI 4/3 RD</b>
<i>Cat. no.</i>	27143.9	27143.9	27143.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 4/4 RD</b>	<b>PQI 4/4 RD</b>	<b>PQI 4/4 RD</b>
<i>Cat. no.</i>	27144.9	27144.9	27144.9
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 4/10 RD</b>	<b>PQI 4/10 RD</b>	<b>PQI 4/10 RD</b>
<i>Cat. no.</i>	27150.9	27150.9	27150.9
<b>Qty.</b>	10	10	10
<b>Insulated cross-connector PQI</b>	<b>PQI 4/20 RD</b>	<b>PQI 4/20 RD</b>	<b>PQI 4/20 RD</b>
<i>Cat. no.</i>	27151.9	27151.9	27151.9
<b>Qty.</b>	5	5	5
<b>End stop ZES</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>	<b>ZES 35/2 GR</b>
<i>Cat. no.</i>	3811.6	3811.6	3811.6
<b>Qty.</b>	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
<i>Cat. no.</i>	2007.0	2007.0	2007.0
<b>Qty.</b>	20	20	20
<b>Screwdriver SBD</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>
<i>Cat. no.</i>	1085.0	1085.0	1085.0
<b>Qty.</b>	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>
<i>Cat. no.</i>	28343.7	28343.7	28343.7
<b>Qty.</b>	800	800	800






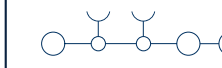
PSL 4/3A				PRK 4/4A			PSL 4/4A		
									
									
Protective earth terminal 3 connections				Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in				Push-in			Push-in		
66.5 x 6.1 x 35.2				77 x 6.1 x 35.2			77 x 6.1 x 35.2		
66.5 x 6.1 x 36.7				77 x 6.1 x 36.7			77 x 6.1 x 36.7		
PSL 4/3A GNYE 				PRK 4/4A GR 			PSL 4/4A GNYE 		
27015.2 50				27016.6 50			27017.2 50		
				PRK 4/4A BU 					
				27016.5 50					
				PRK 4/4A OG 					
				27016.3 50					
IEC*	UL*	CSA*		IEC*	UL*	CSA*	IEC*	UL*	CSA*
				800	600	600			
				32*	30*	30*			
4 / 24-12				4 / 24-12			4 / 24-12		
8 / 3				8 / 3			8 / 3		
A4 / V-0				A4 / V-0			A4 / V-0		
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				0.2-4			0.2-4		
12				12			12		
PA 6.6 / -40 °C to +120 °C				PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1 / 1				2 / 1			1 / 1		
PAP 4/3A GR				PAP 4/4A GR			PAP 4/4A GR		
27107.6 20				27108.6 20			27108.6 20		
PQI 4/2 RD				PQI 4/2 RD			PQI 4/2 RD		
27142.9 50				27142.9 50			27142.9 50		
PQI 4/3 RD				PQI 4/3 RD			PQI 4/3 RD		
27143.9 50				27143.9 50			27143.9 50		
PQI 4/4 RD				PQI 4/4 RD			PQI 4/4 RD		
27144.9 20				27144.9 20			27144.9 20		
PQI 4/10 RD				PQI 4/10 RD			PQI 4/10 RD		
27150.9 10				27150.9 10			27150.9 10		
PQI 4/20 RD				PQI 4/20 RD			PQI 4/20 RD		
27151.9 5				27151.9 5			27151.9 5		
ZES 35/2 GR				ZES 35/2 GR			ZES 35/2 GR		
3811.6 50				3811.6 50			3811.6 50		
PS 2.3				PS 2.3			PS 2.3		
2007.0 20				2007.0 20			2007.0 20		
SDB 0.5x3.0				SDB 0.5x3.0			SDB 0.5x3.0		
1085.0 1				1085.0 1			1085.0 1		
PC-SB 6x5/40 WH				PC-SB 6x5/40 WH			PC-SB 6x5/40 WH		
28343.7 800				28343.7 800			28343.7 800		

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

Push-in connection system	PRK 6/2A	PSL 6/2A	PRK 6/3A
<ul style="list-style-type: none"> <li>Foot base can be snapped on TS 35 DIN rail</li> <li>Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	57.7 x 8.1 x 42.0	57.7 x 8.1 x 42.0	74.1 x 8.1 x 42.0
Size (L x W x H) with TS 35 x 7.5, mm	57.7 x 8.1 x 44.0	57.7 x 8.1 x 44.0	74.1 x 8.1 x 44.0
<b>Type / colour</b>	<b>PRK 6/2A GR</b> 	<b>PSL 6/2A GNYE</b> 	<b>PRK 6/3A GR</b> 
<i>Cat. no.</i>	27018.6	27019.2	27020.6
<b>Qty.</b>	50	50	50
<b>Type / colour</b>	<b>PRK 6/2A BU</b> 		<b>PRK 6/3A BU</b> 
<i>Cat. no.</i>	27018.5		27020.5
<b>Qty.</b>	50		50
<b>Type / colour</b>	<b>PRK 6/2A OG</b> 		<b>PRK 6/3A OG</b> 
<i>Cat. no.</i>	27018.3		27020.3
<b>Qty.</b>	50		50
<b>Ratings</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>
Rated voltage (V)	1000	1000	1000
Rated current (A)	52*	52*	52*
Rated wire cross-section, mm <sup>2</sup> / AWG	6/20-8	6/20-8	6/20-8
Rated surge voltage, kV / Contamination degree	8/3	8/3	8/3
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94	A5 / V-0	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/-	0.5-10/-
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.5-6/0.5-6	0.5-6/0.5-6	0.5-6/0.5-6
Clamping range, mm <sup>2</sup>	0.5-10	0.5-10	0.5-10
Stripping length, mm	12	12	12
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2 / 1	1 / 1	2 / 1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 6/2A GR</b>	<b>PAP 6/2A GR</b>	<b>PAP 6/3A GR</b>
<i>Cat. no.</i>	27106.6	27106.6	27110.6
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 6/2 RD</b>	<b>PQI 6/2 RD</b>	<b>PQI 6/2 RD</b>
<i>Cat. no.</i>	27152.9	27152.9	27152.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 6/3 RD</b>	<b>PQI 6/3 RD</b>	<b>PQI 6/3 RD</b>
<i>Cat. no.</i>	27153.9	27153.9	27153.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 6/4 RD</b>	<b>PQI 6/4 RD</b>	<b>PQI 6/4 RD</b>
<i>Cat. no.</i>	27154.9	27154.9	27154.9
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 6/10 RD</b>	<b>PQI 6/10 RD</b>	<b>PQI 6/10 RD</b>
<i>Cat. no.</i>	27160.9	27160.9	27160.9
<b>Qty.</b>	10	10	10
<b>Insulated cross-connector PQI</b>	<b>PQI 6/20 RD</b>	<b>PQI 6/20 RD</b>	<b>PQI 6/20 RD</b>
<i>Cat. no.</i>	27161.9	27161.9	27161.9
<b>Qty.</b>	5	5	5
<b>End stop ZES</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>
<i>Cat. no.</i>	3748.6	3748.6	3748.6
<b>Qty.</b>	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
<i>Cat. no.</i>	2007.0	2007.0	2007.0
<b>Qty.</b>	20	20	20
<b>Screwdriver SBD</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>
<i>Cat. no.</i>	1085.0	1085.0	1085.0
<b>Qty.</b>	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>
<i>Cat. no.</i>	28343.7	28343.7	28343.7
<b>Qty.</b>	800	800	800




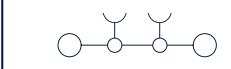

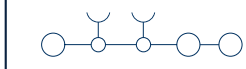
PSL 6/3A			PRK 6/4A			PSL 6/4A		
Protective earth terminal 3 connections			Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in			Push-in			Push-in		
74.1 x 8.1 x 42.0			90.4 x 8.1 x 42.0			90.4 x 8.1 x 42.0		
74.1 x 8.1 x 44.0			90.4 x 8.1 x 44.0			90.4 x 8.1 x 44.0		
PSL 6/3A GNYE			PRK 6/4A GR			PSL 6/4A GNYE		
27021.2			27022.6			27023.2		
50			50			50		
			PRK 6/4A BU					
			27022.5					
			PRK 6/4A OG					
			27022.3					
50			50			50		
IEC*	UL*	CSA*	IEC*	UL*	CSA*	IEC*	UL*	CSA*
			1000	600	600			
			52*	40*	40*			
6/20-8			6/20-8			6/20-8		
8/3			8/3			8/3		
A5/V-0			A5/V-0			A5/V-0		
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		
0.5-10			0.5-10			0.5-10		
12			12			12		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1/1			2/1			1/1		
PAP 6/3A GR			PAP 6/4A GR			PAP 6/4A GR		
27110.6			27111.6			27111.6		
20			20			20		
PQI 6/2 RD			PQI 6/2 RD			PQI 6/2 RD		
27152.9			27152.9			27152.9		
50			50			50		
PQI 6/3 RD			PQI 6/3 RD			PQI 6/3 RD		
27153.9			27153.9			27153.9		
50			50			50		
PQI 6/4 RD			PQI 6/4 RD			PQI 6/4 RD		
27154.9			27154.9			27154.9		
20			20			20		
PQI 6/10 RD			PQI 6/10 RD			PQI 6/10 RD		
27160.9			27160.9			27160.9		
10			10			10		
PQI 6/20 RD			PQI 6/20 RD			PQI 6/20 RD		
27161.9			27161.9			27161.9		
5			5			5		
ZES 35 GR			ZES 35 GR			ZES 35 GR		
3748.6			3748.6			3748.6		
50			50			50		
PS 2.3			PS 2.3			PS 2.3		
2007.0			2007.0			2007.0		
20			20			20		
SDB 0.5x3.0			SDB 0.5x3.0			SDB 0.5x3.0		
1085.0			1085.0			1085.0		
1			1			1		
PC-SB 6x5/40 WH			PC-SB 6x5/40 WH			PC-SB 6x5/40 WH		
28343.7			28343.7			28343.7		
800			800			800		

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

Push-in connection system	PRK 10/2A	PSL 10/2A	PRK 10/3A
<ul style="list-style-type: none"> <li>• Foot base can be snapped on TS 35 DIN rail</li> <li>• Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	67.8 x 10.1 x 48	67.8 x 10.1 x 48	88.9 x 10.1 x 48
Size (L x W x H) with TS 35 x 7.5, mm	67.8 x 10.1 x 49.5	67.8 x 10.1 x 49.5	88.9 x 10.1 x 49.5
<b>Type / colour</b>	<b>PRK 10/2A GR</b> ●	<b>PSL 10/2A GNYE</b> ●●●	<b>PRK 10/3A GR</b> ●
<i>Cat. no.</i>	27024.6	27025.2	27026.6
<b>Qty.</b>	50	50	50
<b>Type / colour</b>	<b>PRK 10/2A BU</b> ●		<b>PRK 10/3A BU</b> ●
<i>Cat. no.</i>	27024.5		27026.5
<b>Qty.</b>	50		50
<b>Type / colour</b>	<b>PRK 10/2A OG</b> ●		<b>PRK 10/3A OG</b> ●
<i>Cat. no.</i>	27024.3		27026.3
<b>Qty.</b>	50		50
<b>Ratings</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>
Rated voltage (V)	1000	1000	1000
Rated current (A)	70* 60*	70* 60*	70* 60*
Rated wire cross-section, mm <sup>2</sup> / AWG	10 / 20-8	10 / 20-8	10 / 20-8
Rated surge voltage, kV / Contamination degree	8 / 3	8 / 3	8 / 3
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94	A6 / V-0	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	0.5-16 / 0.5-10
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.5-10 / 0.5-10	0.5-10 / 0.5-10	0.5-10 / 0.5-10
Clamping range, mm <sup>2</sup>	0.5-16	0.5-16	0.5-16
Stripping length, mm	18	18	18
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2 / 1	1 / 1	2 / 1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 10/2A GR</b>	<b>PAP 10/2A GR</b>	<b>PAP 10/3A GR</b>
<i>Cat. no.</i>	27112.6	27112.6	27113.6
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 10/2 RD</b>	<b>PQI 10/2 RD</b>	<b>PQI 10/2 RD</b>
<i>Cat. no.</i>	27162.9	27162.9	27162.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 10/3 RD</b>	<b>PQI 10/3 RD</b>	<b>PQI 10/3 RD</b>
<i>Cat. no.</i>	27163.9	27163.9	27163.9
<b>Qty.</b>	50	50	50
<b>Insulated cross-connector PQI</b>	<b>PQI 10/4 RD</b>	<b>PQI 10/4 RD</b>	<b>PQI 10/4 RD</b>
<i>Cat. no.</i>	27164.9	27164.9	27164.9
<b>Qty.</b>	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 10/10 RD</b>	<b>PQI 10/10 RD</b>	<b>PQI 10/10 RD</b>
<i>Cat. no.</i>	27170.9	27170.9	27170.9
<b>Qty.</b>	10	10	10
<b>Insulated cross-connector PQI</b>	<b>PQI 10/20 RD</b>	<b>PQI 10/20 RD</b>	<b>PQI 10/20 RD</b>
<i>Cat. no.</i>	27171.9	27171.9	27171.9
<b>Qty.</b>	5	5	5
<b>End stop ZES</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>
<i>Cat. no.</i>	3748.6	3748.6	3748.6
<b>Qty.</b>	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
<i>Cat. no.</i>	2007.0	2007.0	2007.0
<b>Qty.</b>	20	20	20
<b>Screwdriver SBD</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>
<i>Cat. no.</i>	1085.0	1085.0	1085.0
<b>Qty.</b>	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>
<i>Cat. no.</i>	28343.7	28343.7	28343.7
<b>Qty.</b>	800	800	800

PSL 10/3A			PRK 10/4A			PSL 10/4A		
Protective earth terminal 3 connections			Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in			Push-in			Push-in		
88.9 x 10.1 x 48			110 x 10.1 x 48			110 x 10.1 x 48		
88.9 x 10.1 x 49.5			110 x 10.1 x 49.5			110 x 10.1 x 49.5		
<b>PSL 10/3A GNYE</b>			<b>PRK 10/4A GR</b>			<b>PSL 10/4A GNYE</b>		
27027.2			27028.6			27029.2		
50			50			50		
			<b>PRK 10/4A BU</b>					
			27028.5					
			50					
			<b>PRK 10/4A OG</b>					
			27028.3					
			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>
			1000	600	600			
			70*	60*	60*			
10/20-8			10/20-8			10/20-8		
8/3			8/3			8/3		
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		
0.5-10/0.5-10			0.5-10/0.5-10			0.5-10/0.5-10		
0.5-16			0.5-16			0.5-16		
18			18			18		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1/1			2/1			1/1		
<b>PAP 10/3A GR</b>			<b>PAP 10/4A GR</b>			<b>PAP 10/4A GR</b>		
27113.6			27114.6			27114.6		
20			20			20		
<b>PQI 10/2 RD</b>			<b>PQI 10/2 RD</b>			<b>PQI 10/2 RD</b>		
27162.9			27162.9			27162.9		
50			50			50		
<b>PQI 10/3 RD</b>			<b>PQI 10/3 RD</b>			<b>PQI 10/3 RD</b>		
27163.9			27163.9			27163.9		
50			50			50		
<b>PQI 10/4 RD</b>			<b>PQI 10/4 RD</b>			<b>PQI 10/4 RD</b>		
27164.9			27164.9			27164.9		
20			20			20		
<b>PQI 10/10 RD</b>			<b>PQI 10/10 RD</b>			<b>PQI 10/10 RD</b>		
27170.9			27170.9			27170.9		
10			10			10		
<b>PQI 10/20 RD</b>			<b>PQI 10/20 RD</b>			<b>PQI 10/20 RD</b>		
27171.9			27171.9			27171.9		
5			5			5		
<b>ZES 35 GR</b>			<b>ZES 35 GR</b>			<b>ZES 35 GR</b>		
3748.6			3748.6			3748.6		
50			50			50		
<b>PS 2.3</b>			<b>PS 2.3</b>			<b>PS 2.3</b>		
2007.0			2007.0			2007.0		
20			20			20		
<b>SDB 0.5x3.0</b>			<b>SDB 0.5x3.0</b>			<b>SDB 0.5x3.0</b>		
1085.0			1085.0			1085.0		
1			1			1		
<b>PC-SB 6x5/40 WH</b>			<b>PC-SB 6x5/40 WH</b>			<b>PC-SB 6x5/40 WH</b>		
28343.7			28343.7			28343.7		
800			800			800		

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

Push-in connection system	PRK 16/2A	PSL 16/2A	PRK 16/3A
<ul style="list-style-type: none"> <li>• Foot base can be snapped on TS 35 DIN rail</li> <li>• Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 3 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	75 x 12.1 x 48	75 x 12.1 x 48	100 x 12.1 x 48
Size (L x W x H) with TS 35 x 7.5, mm	75 x 12.1 x 49.5	75 x 12.1 x 49.5	100 x 12.1 x 49.5
<b>Type / colour</b>	<b>PRK 16/2A GR</b> ●	<b>PSL 16/2A GNYE</b> ●●●	<b>PRK 16/3A GR</b> ●
Cat. no.	27030.6	27031.2	27032.6
Qty.	50	50	50
<b>Type / colour</b>	<b>PRK 16/2A BU</b> ●		<b>PRK 16/3A BU</b> ●
Cat. no.	27030.5		27032.5
Qty.	50		50
<b>Type / colour</b>	<b>PRK 16/2A OG</b> ●		<b>PRK 16/3A OG</b> ●
Cat. no.	27030.3		27032.3
Qty.	50		50
<b>Ratings</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>
Rated voltage (V)	1000	1000	1000
Rated current (A)	85* 600	85* 600	85* 600
Rated wire cross-section, mm <sup>2</sup> / AWG	16 / 20-6	16 / 20-6	16 / 20-6
Rated surge voltage, kV / Contamination degree	8 / 3	8 / 3	8 / 3
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94	A7 / V-0	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	0.5-25 / 0.5-16
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.5-16 / 0.5-10	0.5-16 / 0.5-10	0.5-16 / 0.5-10
Clamping range, mm <sup>2</sup>	0.5-25	0.5-25	0.5-25
Stripping length, mm	18	18	18
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2 / 1	1 / 1	2 / 1
<b>Accessories</b>			
<b>End plate PAP</b>	<b>PAP 16/2A GR</b>	<b>PAP 16/2A GR</b>	<b>PAP 16/3A GR</b>
Cat. no.	27115.6	27115.6	27116.6
Qty.	20	20	20
<b>Insulated cross-connector PQI</b>	<b>PQI 16/2 RD</b>	<b>PQI 16/2 RD</b>	<b>PQI 16/2 RD</b>
Cat. no.	27172.9	27172.9	27172.9
Qty.	50	50	50
<b>End stop ZES</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>	<b>ZES 35 GR</b>
Cat. no.	3748.6	3748.6	3748.6
Qty.	50	50	50
<b>Test plug PS</b>	<b>PS 2.3</b>	<b>PS 2.3</b>	<b>PS 2.3</b>
Cat. no.	2007.0	2007.0	2007.0
Qty.	20	20	20
<b>Screwdriver SBD</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>	<b>SDB 0.5x3.0</b>
Cat. no.	1085.0	1085.0	1085.0
Qty.	1	1	1
<b>Quick marking PMC SB</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>	<b>PC-SB 6x5/40 WH</b>
Cat. no.	28343.7	28343.7	28343.7
Qty.	800	800	800

PSL 16/3A			PRK 16/4A			PSL 16/4A		
Protective earth terminal 3 connections			Feed-through terminal 4 connections			Protective earth terminal 4 connections		
Push-in			Push-in			Push-in		
100 x 12.1 x 48			123 x 12.1 x 48			123 x 12.1 x 48		
100 x 12.1 x 49.5			123 x 12.1 x 49.5			123 x 12.1 x 49.5		
PSL 16/3A GNYE			PRK 16/4A GR			PSL 16/4A GNYE		
27033.2			27034.6			27035.2		
50			50			50		
			PRK 16/4A BU					
			27034.5					
			PRK 16/4A OG					
			27034.3					
IEC*			IEC*			IEC*		
UL*			UL*			UL*		
CSA*			CSA*			CSA*		
1000			600			600		
85*			85*			85*		
16/20-6			16/20-6			16/20-6		
8/3			8/3			8/3		
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		
0.5-16/0.5-10			0.5-16/0.5-10			0.5-16/0.5-10		
0.5-25			0.5-25			0.5-25		
18			18			18		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
1/1			2/1			1/1		
PAP 16/3A GR			PAP 16/4A GR			PAP 16/4A GR		
27116.6			27117.6			27117.6		
20			20			20		
PQI 16/2 RD			PQI 16/2 RD			PQI 16/2 RD		
27172.9			27172.9			27172.9		
50			50			50		
ZES 35 GR			ZES 35 GR			ZES 35 GR		
3748.6			3748.6			3748.6		
50			50			50		
PS 2.3			PS 2.3			PS 2.3		
2007.0			2007.0			2007.0		
20			20			20		
SDB 0.5x3.0			SDB 0.5x3.0			SDB 0.5x3.0		
1085.0			1085.0			1085.0		
1			1			1		
PC-SB 6x5/40 WH			PC-SB 6x5/40 WH			PC-SB 6x5/40 WH		
28343.7			28343.7			28343.7		
800			800			800		





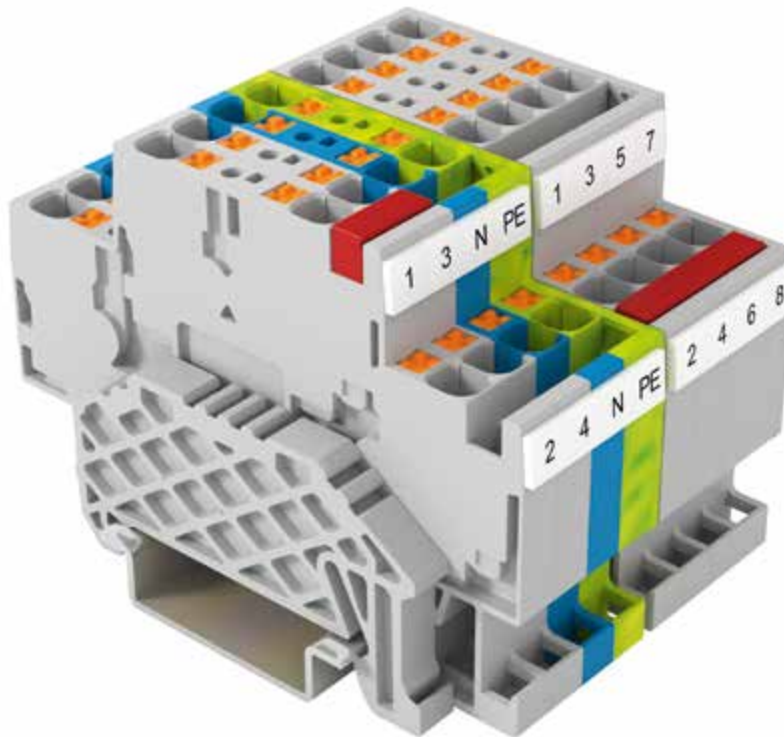
Push-in connection system

# Double-level terminal blocks PRKD 2.5 | Double-level PE terminals PSLD 2.5

With a width of just 5 mm, the new **PRKD 2.5** series is available in five versions and connects with stranded or solid wires up to 4 mm<sup>2</sup> with a rated current of up to 22 A. Solid wires and flexible wires with wire-end ferrules can be inserted into the Push-in connection system without the need for tools. The Push-in spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. The integrated insulated pusher can be used to open the clamp to release the wire or to insert stranded wire without ferrules.

CONTA-CLIP's PE foot, which contacts the PE potential to the DIN rail, is designed to make contact on both sides. 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. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot. Each of the double-level terminal blocks can be equipped with the standard accessories: the **PQI 2.5** (cross connector) and the **PC SB 5** (quick marking system).



## The advantages

- Wire insertion requires no tools
- Less insertion force
- Built-in insulated pusher for disconnecting the wire
- Cross-connect option at any level
- Test pick-off at each potential
- PE foot contact on both sides



## Features

- Push-in connection system
- Feed-through and PE terminals up to 2.5 mm<sup>2</sup>
- Pluggable cross-connection system PQI
- Colour labelling
- Material: PA 6.6 UL 94 V-0

# Features

## Wire connections

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. A faulty connection is avoided by colour-contrasted and insulated pushers. The Push-in spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. The pusher can be pressed to open the clamp to release the wire or to insert a stranded wire without ferrules. (Connection cross-section 2.5 mm<sup>2</sup>, rated current 22 A)



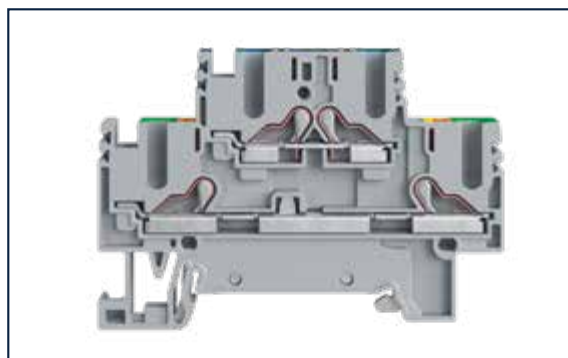
## Cross-connection system

The upper and lower levels can be cross-connected using the **PQI 2.5/...** standard cross-connectors. The **PQI** insulated cross-connections have a pluggable design and are available with 2, 3, 4, 10 and 20 poles. They cross connect up to the rated current of the relevant **PRKD** terminals.



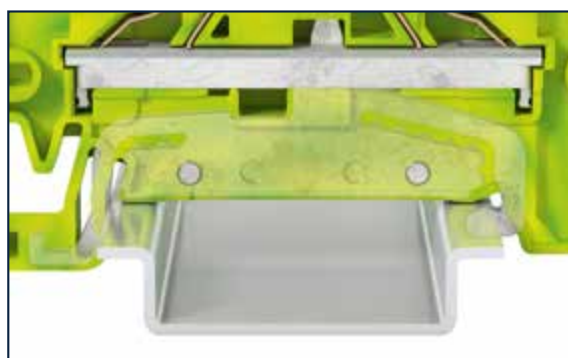
## Colour labelling

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




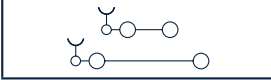




## Connecting the PE foot onto the DIN rail

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



# Double-level terminal blocks PRKD 2.5 | Double-level PE terminals PSLD 2.5

Push-in connection system	PRKD 2.5	PRKD 2.5/SV	PSLD 2.5
<ul style="list-style-type: none"> <li>• Foot base can be snapped on TS 35 DIN rail</li> <li>• Housing made of polyamide 6.6 UL 94 V-0</li> </ul>			
<b>Connection diagram</b>			
<b>Description</b>	Feed-through terminal 2 x 2 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
<b>Connection type</b>	Push-in	Push-in	Push-in
Size (L x W x H), mm	68.7 x 5.1 x 45.7	68.7 x 5.1 x 45.7	68.7 x 5.1 x 45.7
Size (L x W x H) with TS 35 x 7.5, mm	68.7 x 5.1 x 47.2	68.7 x 5.1 x 47.2	68.7 x 5.1 x 47.2
<b>Type / colour</b>	PRKD 2.5 GR ●	PRKD 2.5/SV GR ●	PSLD 2.5 GNYE ●
Cat. no.	27036.6	27038.6	27037.2
Qty.	50	50	50
<b>Type / colour</b>	PRKD 2.5 BU ●	PRKD 2.5/SV BU ●	
Cat. no.	27036.5	27038.5	
Qty.	50	50	
<b>Type / colour</b>	PRKD 2.5 OG ●	PRKD 2.5/SV OG ●	
Cat. no.	27036.3	27038.3	
Qty.	50	50	
<b>Ratings</b>	IEC*    UL*    CSA*	IEC*    UL*    CSA*	IEC*    UL*    CSA*
Rated voltage (V)	500    600    600	500    600    600	500    600    600
Rated current (A) / Max. current capacity (A)	22/26*    20*	22/26*    20*	22/26*    20*
Rated cross-section, mm <sup>2</sup> / AWG	2.5 / 26–12	2.5 / 26–12	2.5 / 26–12
Rated surge 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>	0.14–4 / -	0.14–4 / -	0.14–4 / -
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.14–2.5 / 0.14–2.5	0.14–2.5 / 0.14–2.5	0.14–2.5 / 0.14–2.5
Clamping range, mm <sup>2</sup>	0.14–4	0.14–4	0.14–4
Stripping length, mm	8–10	8–10	8–10
<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	PA 6.6 / -40 °C to +120 °C
Number of cross-connection channels / Test pick-off option	2 / 2	2 / 2	2 / 2
<b>Accessories</b>			
<b>End plate AP</b>	PAPD 2.5 GR	PAPD 2.5 GR	PAPD 2.5 GR
Cat. no.	27118.6	27118.6	27118.6
Qty.	20	20	20
<b>Insulated cross-connector PQI</b>	PQI 2.5/2 RD	PQI 2.5/2 RD	PQI 2.5/2 RD
Cat. no.	27132.9	27132.9	27132.9
Qty.	50	50	50
<b>Insulated cross-connector PQI</b>	PQI 2.5/3 RD	PQI 2.5/3 RD	PQI 2.5/3 RD
Cat. no.	27133.9	27133.9	27133.9
Qty.	50	50	50
<b>Insulated cross-connector PQI</b>	PQI 2.5/4 RD	PQI 2.5/4 RD	PQI 2.5/4 RD
Cat. no.	27134.9	27134.9	27134.9
Qty.	20	20	20
<b>Insulated cross-connector PQI</b>	PQI 2.5/10 RD	PQI 2.5/10 RD	PQI 2.5/10 RD
Cat. no.	27140.9	27140.9	27140.9
Qty.	10	10	10
<b>Insulated cross-connector PQI</b>	PQI 2.5/20 RD	PQI 2.5/20 RD	PQI 2.5/20 RD
Cat. no.	27141.9	27141.9	27141.9
Qty.	10	10	10
<b>End stop ZES</b>	ZES 35/2 GR	ZES 35/2 GR	ZES 35/2 GR
Cat. no.	3811.6	3811.6	3811.6
Qty.	50	50	50
<b>Screwdriver SDB</b>	SDB 0.4 x 2.5	SDB 0.4 x 2.5	SDB 0.4 x 2.5
Cat. no.	3169.0	3169.0	3169.0
Qty.	1	1	1
<b>Quick marking PC SB</b>	PC-SB 5x5/48 WH	PC-SB 5x5/48 WH	PC-SB 5x5/48 WH
Cat. no.	28342.7	28342.7	28342.7
Qty.	960	960	960

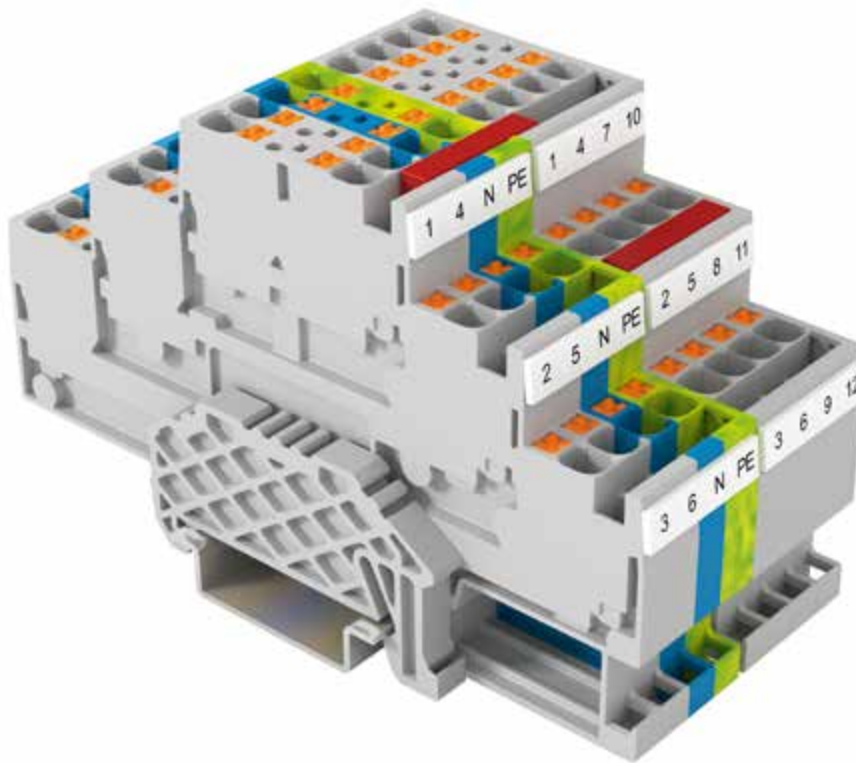
PRKD 2.5/PE/L			PRKD 2.5/PE/N		
Feed-through/PE terminal 2 x 2 connections			Feed-through/PE terminal 2 x 2 connections		
Push-in			Push-in		
68.7 x 5.1 x 45.7			68.7 x 5.1 x 45.7		
68.7 x 5.1 x 47.2			68.7 x 5.1 x 47.2		
<b>PRKD 2.5/PE/L GR</b> ●			<b>PRKD 2.5/PE/N GR</b> ●		
27051.6	50		27052.6	50	
IEC*      UL*      CSA*			IEC*      UL*      CSA*		
500	600	600	500	600	600
22/26*	20*	20*	22/26*	20*	20*
2.5 / 26-12			2.5 / 26-12		
6 / 3			6 / 3		
A3 / V-0			A3 / V-0		
0.14-4 / -			0.14-4 / -		
0.14-2.5 / 0.14-2.5			0.14-2.5 / 0.14-2.5		
0.14-4			0.14-4		
8-10			8-10		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
2 / 2			2 / 2		
<b>PAPD 2.5 GR</b>			<b>PAPD 2.5 GR</b>		
27118.6	20		27118.6	20	
<b>PQI 2.5/2 RD</b>			<b>PQI 2.5/2 RD</b>		
27132.9	50		27132.9	50	
<b>PQI 2.5/3 RD</b>			<b>PQI 2.5/3 RD</b>		
27133.9	50		27133.9	50	
<b>PQI 2.5/4 RD</b>			<b>PQI 2.5/4 RD</b>		
27134.9	20		27134.9	20	
<b>PQI 2.5/10 RD</b>			<b>PQI 2.5/10 RD</b>		
27140.9	10		27140.9	10	
<b>PQI 2.5/20 RD</b>			<b>PQI 2.5/20 RD</b>		
27141.9	10		27141.9	10	
<b>ZES 35/2 GR</b>			<b>ZES 35/2 GR</b>		
3811.6	50		3811.6	50	
<b>SDB 0.4 x 2.5</b>			<b>SDB 0.4 x 2.5</b>		
3169.0	1		3169.0	1	
<b>PC-SB 5x5/48 WH</b>			<b>PC-SB 5x5/48 WH</b>		
28342.7	960		28342.7	960	



Push-in connection system

# Three-level terminal blocks PIKD

The **PIKD 2.5** terminal blocks have a width of only 5 mm and are available in a variety of designs. They have three levels with six connection points and can handle solid or flexible wires up to 4 mm<sup>2</sup> with a rated current up to 22 A. The lower level is designed as a feed-through or PE connection. All levels can be cross-connected to neighbouring terminal blocks.



## The advantages

- Wire insertion requires no tools
- Less insertion force
- Built-in insulated pusher for disconnecting the wire
- Cross-connect option at any level
- Test pick-off at each potential
- PE foot contact on both sides



## Features

- Push-in connection system
- Feed-through and PE terminals up to 2.5 mm<sup>2</sup>
- Pluggable cross-connection system PQI
- Colour labelling
- Material: PA 6.6 UL 94 V-0

# Features

## Wire connections

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. A faulty connection is avoided by colour-contrasted and insulated pushers. The Push-in spring opens automatically when the wire is inserted facilitating a secure contact with the busbar. The pusher can be pressed to open the clamp to release the wire or to insert stranded wire without ferrules. (Connection cross-section 2.5 mm<sup>2</sup>, rated current 22 A)



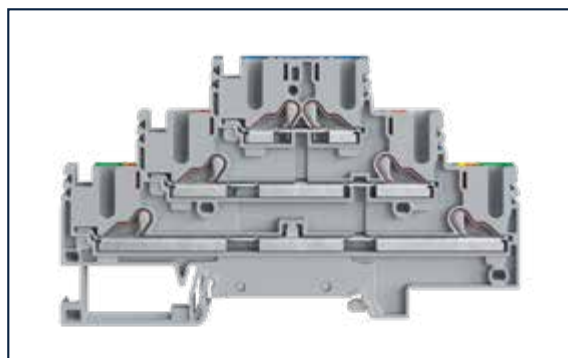
## Cross-connection system

The upper and lower levels can be cross-connected using the **PQI 2.5/...** standard cross-connectors. The **PQI** insulated cross-connections have a pluggable design and are available with 2, 3, 4, 10 and 20 poles. They cross connect up to the rated current of the relevant **PIKD** terminals.



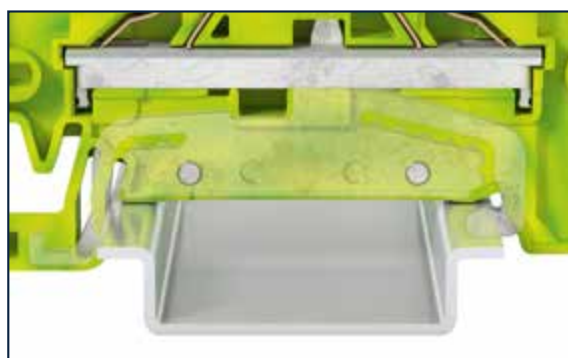
## Colour labelling

The upper and lower levels are colour-coded. (e.g., **PIKD 2.5/PE/L/N**)

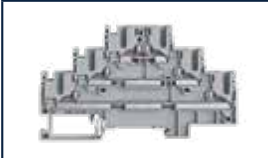







## Connecting the PE foot onto the DIN rail

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



## Three-level terminal blocks PIKD

Push-in connection system		PIKD 2.5	PIKD 2.5/SV/PE GNYE	PIKD 2.5/SV
<ul style="list-style-type: none"> <li>Foot base can be snapped on TS 35 DIN rail</li> <li>Housing made of polyamide 6.6 UL 94 V-0</li> </ul>				
Connection diagram				
Description		Feed-through terminal 3 x 2 connections	Feed-through terminal 6 connections	Feed-through terminal 6 connections
Connection type		Push-in	Push-in	Push-in
Size (L x W x H), mm		102 x 5.1 x 56.2	102 x 5.1 x 56.2	102 x 5.1 x 56.2
Size (L x W x H) with TS 35 x 7.5, mm		102 x 5.1 x 57.7	102 x 5.1 x 57.7	102 x 5.1 x 57.7
Type / colour		PIKD 2.5 GR ●	PIKD 2.5/SV/PE GNYE ●	PIKD 2.5/SV GR ●
Cat. no.	Qty.	27039.6 50	27040.2 50	27041.6 50
Type / colour		PIKD 2.5 BU ●		PIKD 2.5/SV BU ●
Cat. no.	Qty.	27039.5 50		27041.5 50
Type / colour		PIKD 2.5 OG ●		PIKD 2.5/SV OG ●
Cat. no.	Qty.	27039.3 50		27041.3 50
Ratings		IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
Rated voltage (V)		500 300 300	500 300 300	500 300 300
Rated current (A) / Max. current capacity (A)		20/24* 20* 20*	20/24* 20* 20*	20/24* 20* 20*
Rated cross-section, mm <sup>2</sup> / AWG		2.5 / 26–12	2.5 / 26–12	2.5 / 26–12
Rated surge 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
Connection data				
Single wire (solid) / stranded (flexible), mm <sup>2</sup>		0.14–4 / -	0.14–4 / -	0.14–4 / -
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>		0.14–2.5 / 0.14–2.5	0.14–2.5 / 0.14–2.5	0.14–2.5 / 0.14–2.5
Clamping range, mm <sup>2</sup>		0.14–4	0.14–4	0.14–4
Stripping length, mm		8–10	8–10	8–10
Features				
Material of insulated housing / Temperature range		PA 6.6 / -40 °C to +120 °C	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 / 3	3 / 3	3 / 3
Accessories				
End plate AP		PAPIKD 2.5 GR	PAPIKD 2.5 GR	PAPIKD 2.5 GR
Cat. no.	Qty.	27119.6 20	27119.6 20	27119.6 20
Insulated cross-connector PQI		PQI 2.5/2 RD	PQI 2.5/2 RD	PQI 2.5/2 RD
Cat. no.	Qty.	27132.9 50	27132.9 50	27132.9 50
Insulated cross-connector PQI		PQI 2.5/3 RD	PQI 2.5/3 RD	PQI 2.5/3 RD
Cat. no.	Qty.	27133.9 50	27133.9 50	27133.9 50
Insulated cross-connector PQI		PQI 2.5/4 RD	PQI 2.5/4 RD	PQI 2.5/4 RD
Cat. no.	Qty.	27134.9 20	27134.9 20	27134.9 20
Insulated cross-connector PQI		PQI 2.5/10 RD	PQI 2.5/10 RD	PQI 2.5/10 RD
Cat. no.	Qty.	27140.9 10	27140.9 10	27140.9 10
Insulated cross-connector PQI		PQI 2.5/20 RD	PQI 2.5/20 RD	PQI 2.5/20 RD
Cat. no.	Qty.	27141.9 10	27141.9 10	27141.9 10
End stop ZES		ZES 35/2 GR	ZES 35/2 GR	ZES 35/2 GR
Cat. no.	Qty.	3811.6 50	3811.6 50	3811.6 50
Screwdriver SDB		SDB 0.4 x 2.5	SDB 0.4 x 2.5	SDB 0.4 x 2.5
Cat. no.	Qty.	3169.0 1	3169.0 1	3169.0 1
Quick marking PC SB		PC-SB 5x5/48 WH	PC-SB 5x5/48 WH	PC-SB 5x5/48 WH
Cat. no.	Qty.	28342.7 960	28342.7 960	28342.7 960

PIKD 2.5/PE/L/L			PIKD 2.5/PE/L/N			PIKD 2.5/L/L/N			PIKD 2.5/1PE/L			PIKD 2.5/1/L/L		
Feed-through/PE terminal 3 x 2 connections			Feed-through/PE terminal 3 x 2 connections			Feed-through/PE terminal 3 x 2 connections			Feed-through/PE terminal 2 x 2 +1 connections			Feed-through/PE terminal 2 x 2 connections		
Push-in 102 x 5.1 x 56.2 102 x 5.1 x 57.7			Push-in 102 x 5.1 x 56.2 102 x 5.1 x 57.7			Push-in 102 x 5.1 x 56.2 102 x 5.1 x 57.7			Push-in 86 x 5.1 x 56.2 86 x 5.1 x 57.7			Push-in 86 x 5.1 x 56.2 86 x 5.1 x 57.7		
<b>PIKD 2.5/PE/L/L GR</b> ●			<b>PIKD 2.5/PE/L/N GR</b> ●			<b>PIKD 2.5/L/L/N GR</b> ●			<b>PIKD 2.5/1PE/L/L GR</b> ●			<b>PIKD 2.5/1/L/L GR</b> ●		
27042.6			27043.6			27045.6			27048.6			27050.6		
50			50			50			50			50		
PIKD 2.5/1PE/L/N GR ●									27049.6					
									50					
IEC*    UL*    CSA*			IEC*    UL*    CSA*			IEC*    UL*    CSA*			IEC*    UL*    CSA*			IEC*    UL*    CSA*		
500    300    300			500    300    300			500    300    300			500    300    300			500    300    300		
20/24*    20*    20*			20/24*    20*    20*			20/24*    20*    20*			20/24*    20*    20*			20/24*    20*    20*		
2.5/26-12			2.5/26-12			2.5/26-12			2.5/26-12			2.5/26-12		
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		
0.14-4/-			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			0.14-2.5/0.14-2.5		
0.14-4			0.14-4			0.14-4			0.14-4			0.14-4		
8-10			8-10			8-10			8-10			8-10		
PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C			PA 6.6 / -40 °C to +120 °C		
3/3			3/3			3/3			2 / 3			2/2		
<b>PAPIKD 2.5 GR</b>			<b>PAPIKD 2.5 GR</b>			<b>PAPIKD 2.5 GR</b>			<b>PAPIKD/1 2.5 GR</b>			<b>PAPIKD/1 2.5 GR</b>		
27119.6			27119.6			27119.6			27121.6			27121.6		
20			20			20			20			20		
<b>PQI 2.5/2 RD</b>			<b>PQI 2.5/2 RD</b>			<b>PQI 2.5/2 RD</b>			<b>PQI 2.5/2 RD</b>			<b>PQI 2.5/2 RD</b>		
27132.9			27132.9			27132.9			27132.9			27132.9		
50			50			50			50			50		
<b>PQI 2.5/3 RD</b>			<b>PQI 2.5/3 RD</b>			<b>PQI 2.5/3 RD</b>			<b>PQI 2.5/3 RD</b>			<b>PQI 2.5/3 RD</b>		
27133.9			27133.9			27133.9			27133.9			27133.9		
50			50			50			50			50		
<b>PQI 2.5/4 RD</b>			<b>PQI 2.5/4 RD</b>			<b>PQI 2.5/4 RD</b>			<b>PQI 2.5/4 RD</b>			<b>PQI 2.5/4 RD</b>		
27134.9			27134.9			27134.9			27134.9			27134.9		
20			20			20			20			20		
<b>PQI 2.5/10 RD</b>			<b>PQI 2.5/10 RD</b>			<b>PQI 2.5/10 RD</b>			<b>PQI 2.5/10 RD</b>			<b>PQI 2.5/10 RD</b>		
27140.9			27140.9			27140.9			27140.9			27140.9		
10			10			10			10			10		
<b>PQI 2.5/20 RD</b>			<b>PQI 2.5/20 RD</b>			<b>PQI 2.5/20 RD</b>			<b>PQI 2.5/20 RD</b>			<b>PQI 2.5/20 RD</b>		
27141.9			27141.9			27141.9			27141.9			27141.9		
10			10			10			10			10		
<b>ZES 35/2 GR</b>			<b>ZES 35/2 GR</b>			<b>ZES 35/2 GR</b>			<b>ZES 35/2 GR</b>			<b>ZES 35/2 GR</b>		
3811.6			3811.6			3811.6			3811.6			3811.6		
50			50			50			50			50		
<b>SDB 0.4x2.5</b>			<b>SDB 0.4x2.5</b>			<b>SDB 0.4x2.5</b>			<b>SDB 0.4x2.5</b>			<b>SDB 0.4x2.5</b>		
3169.0			3169.0			3169.0			3169.0			3169.0		
1			1			1			1			1		
<b>PC-SB 5x5/48 WH</b>			<b>PC-SB 5x5/48 WH</b>			<b>PC-SB 5x5/48 WH</b>			<b>PC-SB 5x5/48 WH</b>			<b>PC-SB 5x5/48 WH</b>		
28342.7			28342.7			28342.7			28342.7			28342.7		
960			960			960			960			960		

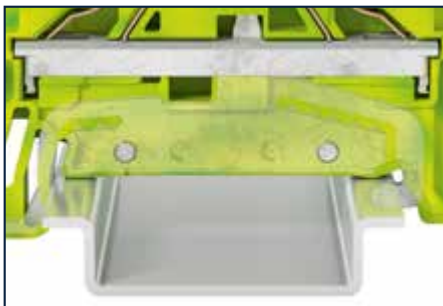
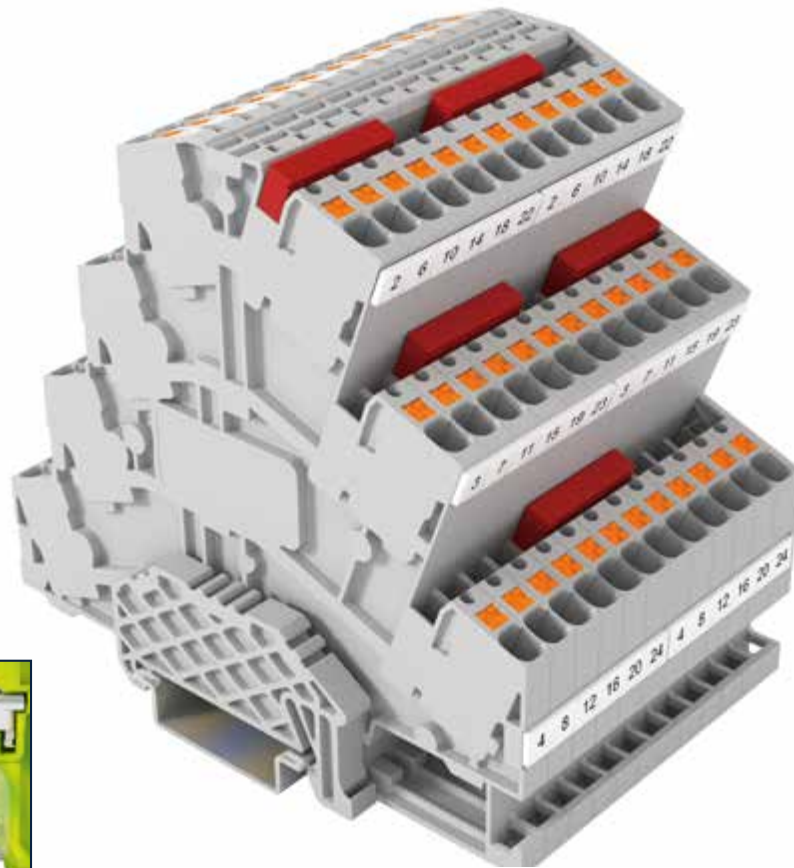




Push-in connection system

# Motor-connection terminals PVMAK

The **PVMAK** 2.5 has a width of only 5 mm. It has four levels with seven connection points and can handle solid or stranded wires up to 4 mm<sup>2</sup> with a rated current up to 22 A. The lower level is designed as a PE connection. The PE foot contacts both sides of the DIN rail, thus ensuring optimal electrical security. The **ZVMAK** motor-connection terminal can be cross-connected at all levels using the **PQI** 2.5 cross connector.



PE foot on both sides



## The advantages

- Wire insertion requires no tools
- Less insertion force
- Built-in insulated pusher for disconnecting the wire
- Cross-connect option at any level
- Test pick-off at each potential
- PE foot contact on both sides



## Features

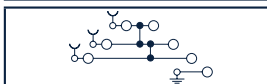
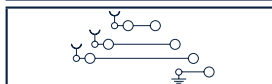
- Push-in connection system
- Motor-connection terminal 2.5 mm<sup>2</sup>
- Pluggable cross-connection system PQI
- Material: PA 6.6 UL 94 V-0

**Push-in connection system**

- Foot base can be snapped on TS 35 DIN rail
- Housing made of polyamide 6.6 UL 94 V-0

**PVMAK 2.5**

**PVMAK 2.5/SV**



**Connection diagram**

**Description**

Motor-connection terminal  
3 x 2 + 1 connections

Motor-connection terminal  
6 + 1 connections

**Connection type**

Push-in

Push-in

Size (L x W x H), mm

99.5 x 5.1 x 91.1

99.5 x 5.1 x 91.1

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

99.5 x 5.1 x 92.6

99.5 x 5.1 x 92.6

**Type / colour**

PVMAK 2.5 GR ●

PVMAK 2.5/SV GR ●

Cat. no.

Qty.

27046.6

50

27047.6

50

**Type / colour**

Cat. no.

Qty.

**Type / colour**

Cat. no.

Qty.

**Type / colour**

Cat. no.

Qty.

**Ratings**

IEC\*

UL\*

CSA\*

IEC\*

UL\*

CSA\*

Rated voltage (V)

800

600

600

800

600

600

Rated current (A) / Max. current capacity (A)

20/25\*

20\*

20\*

20/25\*

20\*

20\*

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

2.5 / 26–12

2.5 / 26–12

Rated surge voltage, kV / Contamination degree

6 / 3

6 / 3

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

A3 / V-0

A3 / V-0

**Connection data**

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

0.14–4 / -

0.14–4 / -

Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm<sup>2</sup>

0.14–2.5 / 0.14–2.5

0.14–2.5 / 0.14–2.5

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

0.14–4

0.14–4

Stripping length, mm

8–10

8–10

**Features**

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 / 3

3 / 3

**Accessories**

**End plate AP**

PAPVMAK 2.5 GR

PAPVMAK 2.5 GR

Cat. no.

Qty.

27120.6

20

27120.6

20

**Insulated cross-connector PQI**

2-pole PQI 2.5/2 RD

2-pole PQI 2.5/2 RD

Cat. no.

Qty.

27132.9

50

27132.9

50

**Insulated cross-connector PQI**

3-pole PQI 2.5/3 RD

3-pole PQI 2.5/3 RD

Cat. no.

Qty.

27133.9

50

27133.9

50

**Insulated cross-connector PQI**

4-pole PQI 2.5/4 RD

4-pole PQI 2.5/4 RD

Cat. no.

Qty.

27134.9

20

27134.9

20

**Insulated cross-connector PQI**

10-pole PQI 2.5/10 RD

10-pole PQI 2.5/10 RD

Cat. no.

Qty.

27140.9

10

27140.9

10

**Insulated cross-connector PQI**

20-pole PQI 2.5/20 RD

20-pole PQI 2.5/20 RD

Cat. no.

Qty.

27141.9

10

27141.9

10

**End stop ZES**

ZES 35/2 GR

ZES 35/2 GR

Cat. no.

Qty.

3811.6

50

3811.6

50

**Screwdriver SDB**

SDB 0.4 x 2.5

SDB 0.4 x 2.5

Cat. no.

Qty.

3169.0

1

3169.0

1

**Quick marking PC SB**

PC-SB 5x5/48 WH

PC-SB 5x5/48 WH

Cat. no.

Qty.

28342.7

960

28342.7

960

\* Approvals are pending