

# Potential distribution terminals with Push-in connection system





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# Because the future needs intelligent solutions

**Inside the smartest workflows:** being at the heart of every smart connection, the driving force for improved workflows and productivity, that is our global commitment. That is why we are developing and manufacturing products for almost all industrial sectors. Whether it's mechanical and facility engineering, traffic and process engineering, clean room technology or renewable energy: in all these industries we are the perfect partner and expert in electrical and electronic connection technology and cable management systems.

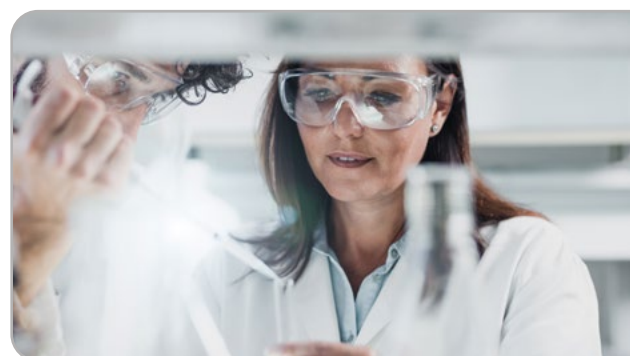
In addition to developing and creating new products, we invest in modern, efficient manufacturing processes. Ensuring the highest quality is our top priority. Our top-class products are supported by this interplay between our top-class personnel and machinery. And our services are just as outstanding as our products. Your wishes and requirements are what motivate our customised solutions.

## **Living sustainably and taking responsibility**

At CONTA-CLIP, we focus our thoughts and actions to successfully implement our ecological, economic and social goals.

We promote economic sustainability in the form of healthy growth, together with financial strength and consistent re-investment within the company. Our stable management, low staff turnover and employees involved in decision-making processes all provide a guarantee for social sustainability.

Our actions are also ecologically sustainable throughout the entire value chain. This is reflected in the selection of our materials and our use of energy within the company. We work with materials that contain no hazardous substances and support regenerative heat recovery. This enables us to take responsibility for future generations.





# Advantage online: the CONTA-CLIP Online Catalogue

No matter where you are, as long as you're online you can access our digital catalogue to look at our services and quickly identify suitable solutions for your requirements.

**Fast results** Use the full-text search, enter an order number or use the convenient "step-by-step" feature search function.

**Project planning at a glance:** After you've selected the products, all the master data for the materials (sales data, technical data, drawings, connection diagrams, classifications and approvals) are made available as a data sheet or export file.

**Detailed inquiries about components** can be sent via the shopping cart directly to our headquarters. Upon request, you will receive an e-mailed copy of your inquiry.

**Application films:** Complex functions be explained easily and clearly with sounds and images.

**Printed catalogue:** Would you like an offline overview? Please ask for our free printed catalogues.

**Industry-specific:** You will find the solutions that are relevant for your industry, according to your expertise.

**Newsletter:** Do you want to stay up to date? Subscribe to our newsletter! Simply register, confirm our authentication e-mail, and you'll be regularly informed about all CONTA-CLIP news.

Discover how the world of CONTA-CLIP and our website can deliver added value for you and your projects!

The screenshot displays the CONTA-CLIP Online Catalogue website. The top navigation bar includes links for 'Newsletter', 'Presse', 'Downloads', and 'DE'. Below this is a search bar with the text 'Produkt finden' and a magnifying glass icon. The main navigation menu lists 'PRODUKTE', 'INDUSTRIEN & MÄRKTE', 'UNTERNEHMEN', 'KONTAKT & SERVICE', 'PRODUKTFINDER', and 'KARRIERE'. The central banner features the text 'Reihenklempen im Push-in-Anschluss-System PRK | PSL' and 'Unser innovatives Push-in-Anschluss-System ermöglicht eine Zeitersparnis von bis zu 50%.' Below this is a 'PRODUKTFINDER' button. The main content area is titled 'PUSHEN SIE IHRE VERBINDUNGEN AUF EIN NEUES LEVEL!' and includes a sub-header 'Die innovativen Reihenklempen-Programme PRK und PSL mit Push-in-Anschluss-System umfassen Durchgangs-, Schutzleiter-, Trenn-, Sicherungs-, Mehrstock-, Installations- und...'.

The 'PRODUKTFINDER' section is divided into two main categories: 'CONTA-CONNECT' and 'CONTA-CON'. Under 'CONTA-CONNECT', there are sub-sections for 'Reihenklempen im Push-in-Anschluss-System' and 'Push-in-Anschluss-System PRK'. Under 'CONTA-CON', there are sub-sections for 'Reihenklempen im Schraub-Anschluss-System' and 'Reihenklempen im Zugfedern-Anschluss-System'. The 'CONTA-CON' section also includes 'Installationsmaterialien'.

The 'Produktfilter' section allows users to filter products by 'Produktbeschreibung', 'Anschlussprinzip', 'Bemessungsquerschnitt', 'Bemessungsspannung', 'Bemessungsbereich', 'Länge', 'Stärke', 'Höhe TS 55/75', 'Pozahl', and 'Material'. The 'Ergebnisliste' section displays three product images: 'PRK 1,5/2A GR', 'PSL 1,5/2A GNYE', and 'PRK 1,5/3A GR'.

# Globally available for you

Are you working abroad? No problem. Our worldwide sales and distribution partners help us to be globally networked and provide on-time reliable deliveries. Simply scan the QR code shown and you'll learn on our website about the sales partner responsible for your country.



## Our locations in Africa

Algeria  
Morocco  
South Africa

## Our locations in Asia

Bahrain  
China  
Hong Kong  
India  
Israel  
Japan  
Jordan  
Qatar  
Malaysia  
Oman  
Pakistan  
Saudi Arabia  
Singapore  
South Korea  
Taiwan  
Turkey  
United Arab Emirates

## Our locations in Oceania

Australia  
New Zealand

## Our locations in Europe

Belgium  
Bulgaria  
Denmark  
Germany  
Finland  
France  
Greece  
Great Britain  
Ireland  
Iceland  
Italy  
Croatia  
Latvia  
Netherlands  
Norway  
Austria  
Poland  
Portugal

Romania  
Sweden  
Switzerland  
Serbia  
Slovakia  
Slovenia  
Spain  
Czech Republic  
Ukraine  
Hungary

## Our locations in North America

Canada  
Mexico  
United States

## Our locations in South America

Bolivia  
Brazil  
Chile  
Ecuador  
Columbia

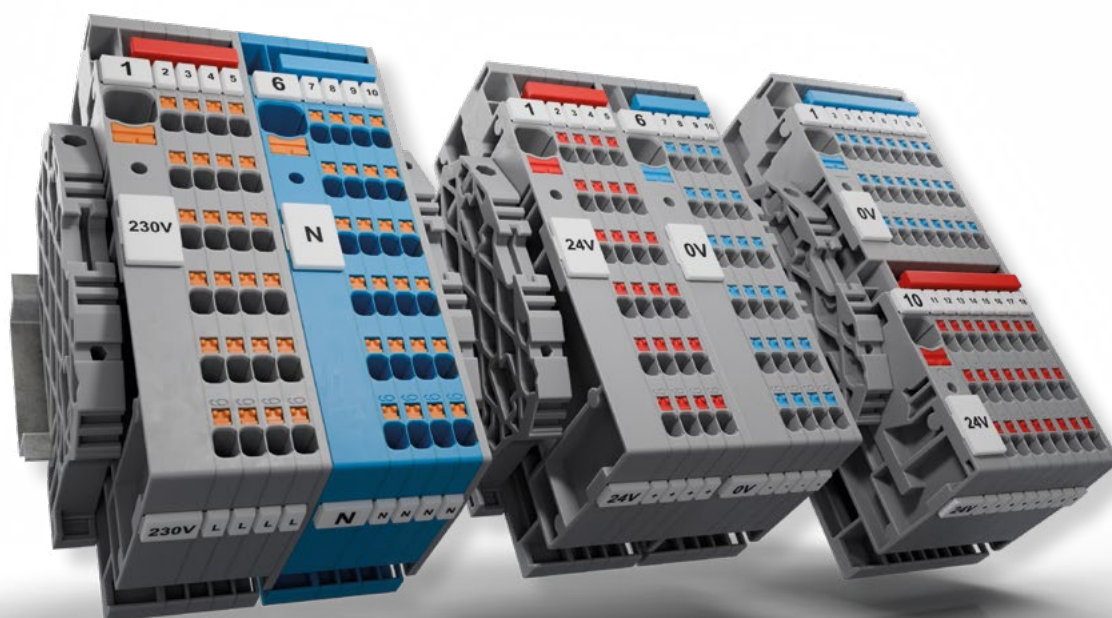


Push-in connection system

# Potential distribution terminals PPVK

To prevent wiring errors in the electrical cabinet's power supply, especially when dealing with a large number of wires, our PPVK push-in potential distribution terminals offer the ideal solution. They enable structured and clear power distribution within AC and DC control circuits. Thanks to the compact design and reduced wiring effort, the power supply for your devices in the electrical cabinet can be implemented simply, efficiently, and in a space-saving manner.

The 6 mm<sup>2</sup> feed-in terminals are rated for a current of 41 A, while the 1.5 mm<sup>2</sup> distribution terminals are rated for 16 A. 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.



## Your advantages

- Wire insertion requires no tools
- Strong plug-in connection
- Built-in insulated pusher for disconnecting the wire
- Double cross-connection option in both directions doubles total current
- Test pick-off at each potential
- Comprehensive marking options



## Features

- Push-in connection system
- Feed-in terminals 6 mm<sup>2</sup>, rated current 41 A
- Distribution terminals 1.5 mm<sup>2</sup>, rated current 16 A
- Pluggable cross-connection system PQI
- Material: PA 6.6 UL 94 V-0

# Features

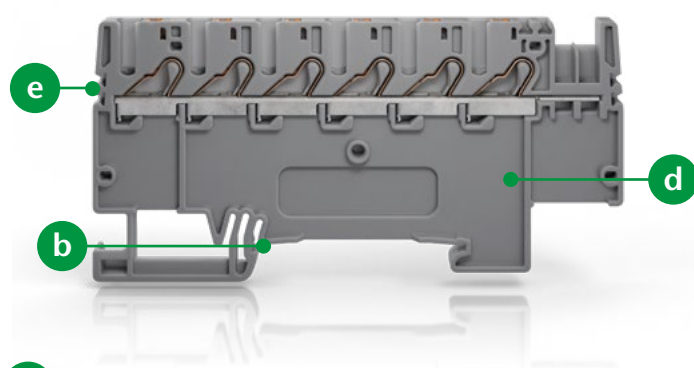
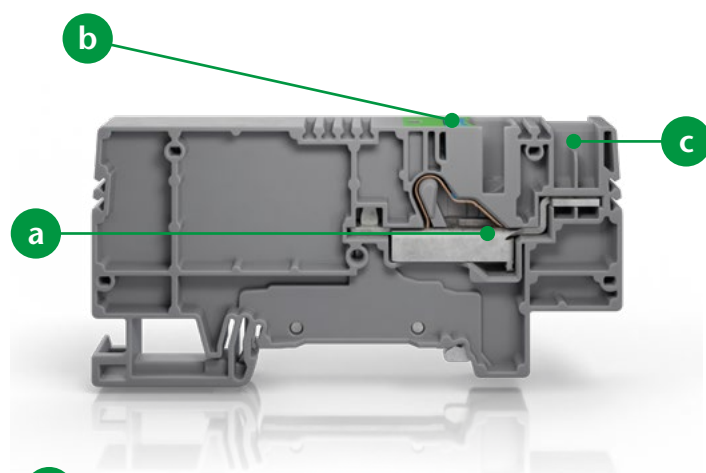
## a The wire connection / contact reliability

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.
- There is a 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 terminal base with bilateral contact for tool-less snap-on mounting to **TS 35 x 7.5** and **TS 35 x 15** DIN rails.



## c Pluggable cross-connection options

Distributing potentials with the pluggable PQI 1.5 cross-connection system is quick and easy.

- Simple to insert and thus quicker to install
- The feed-in terminals enable potential distribution on both sides.
- The 1.5 mm<sup>2</sup> cross-connectors are rated for a current of 17.5 A.
- When cross-connectors are routed in parallel, the total current is 35 A.



## 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
- Temperature resistant -40 °C to +120 °C

## e Marking options

Multiple marking options for clear marking of terminals.

- Distribution terminals: 3.5 mm marker
- Feed-in terminals: 8 mm marker

# Potential distribution terminals PPVK

## Up to 35 % space savings:

Control current distribution is up to 35% more compact than comparable solutions. With over 150 wire connections on just 10 cm of DIN rail length, maximum wiring density is achieved – with minimal space requirements.



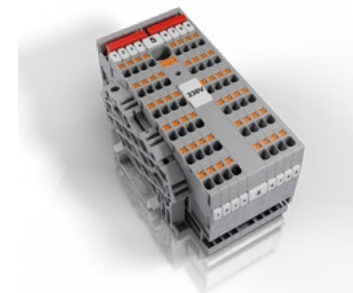
## Pre-assembled potential distribution blocks

Pre-assembled potential distribution blocks, including suitable accessories, help reduce variety, as well as warehousing and procurement costs. The individual constructions vary in the number of connection points and the rated cross-section for both feed-in and distribution. Depending on the application, an alternating or grouped block construction can be selected.



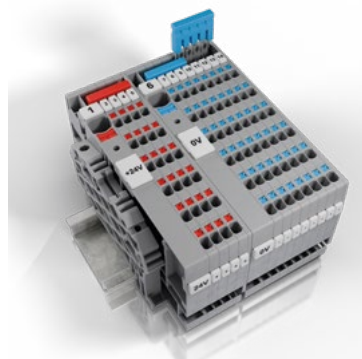
## Bidirectional potential distribution

The bidirectional cross-connection of the feed-in terminals with the connected potential distribution terminals allows the permissible total current to be optimally split between both distribution directions. This promotes even current load distribution and reduces local overloads.



## Maximum flexibility, even after commissioning

Even after commissioning, the PPVK potential distribution blocks can be expanded modularly. Additional distribution terminals can be flexibly retrofitted via the second cross-connection channel and integrated into the existing potential distribution.

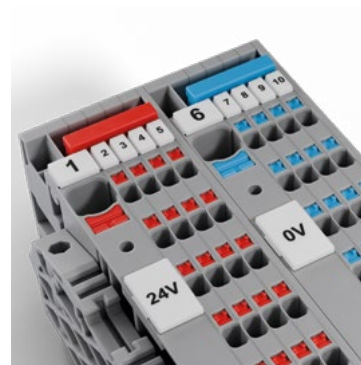




# An overview of the advantages

## Clear marking for quick identification

The generously sized marking areas remain clearly visible even after wiring, supporting efficient troubleshooting and maintenance work. Due to the additional, clear terminal marking on the terminals, each wire connection can be precisely assigned to the corresponding circuit diagrams.



## Clean 0 V potential with FE--terminals

The FE- variant safely dissipates interference via the integrated DIN rail contact and ensures trouble-free operation by grounding the zero potential. FE- terminals are clearly identified as functional earthing by a green marking in the connection area.



## Total currents in potential distribution – notes on the current-carrying capacity of cross-connections (PQI 1.5)

The feed-in terminal is designed for a maximum rated current of up to 41 A, allowing the feed of corresponding currents into the potential distribution system.

The cross-connectors used (Type PQI 1.5) have a permissible rated current of 17.5 A. If an additional, parallel cross-connector is used, the maximum transferable current increases to 35 A.

Important design notes:

Each potential distribution terminal is designed for a maximum rated current of 16 A.

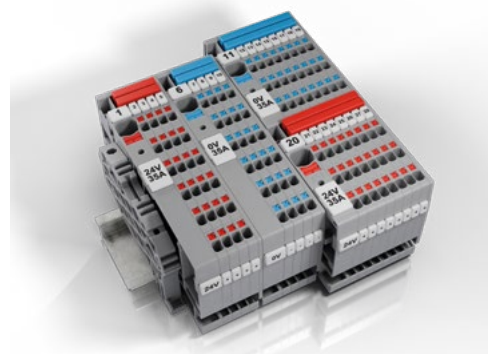
The rated current per cross-connection must not exceed 17.5 A.

If two cross-connections are used in parallel, a total current of up to 35 A is permissible.

The rated current of the feed-in terminal (41 A) and the potential distribution terminals (16 A) must not be exceeded.

Proper thermal design must be considered under full load (e.g., ambient temperature, ventilation).

Functional earthing (FE) must be considered separately and is not part of the total current.



# Potential distribution terminals PPVK

## An overview of your advantages

### Marking

Generous marking areas, in combination with the CONTA-CLIP marking systems, ensure clear and permanent identification for every single terminal.

### Marking area on the feed-in terminal

The additional top marking areas on the feed-in terminals allow for simple and clear marking, even in large potential distribution systems. This facilitates identification of connection points and supports quick maintenance and troubleshooting.

### Feed-in terminal

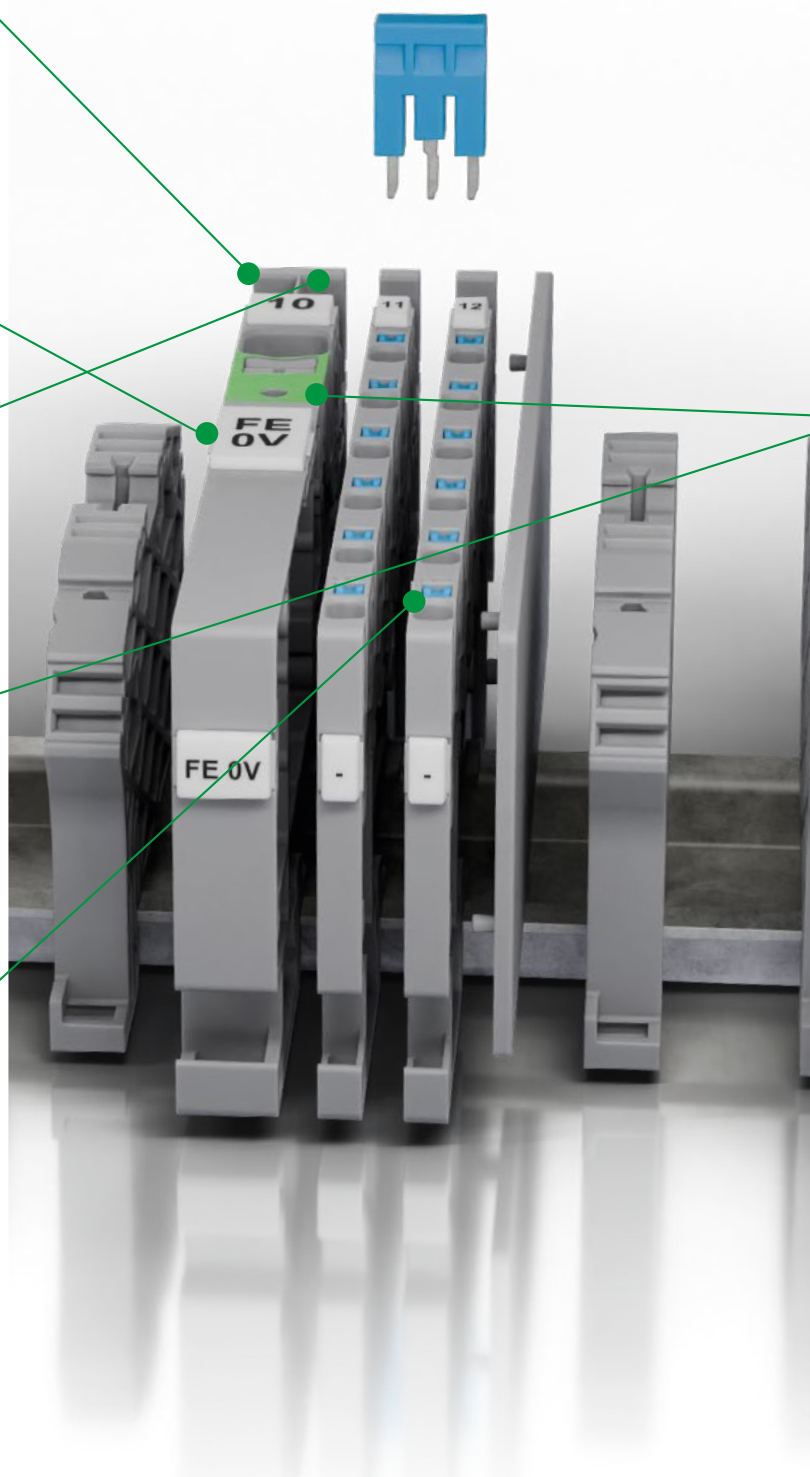
The bi-directionally cross-connectable feed-in terminal allows for easy supply of the control current into the system.

### Integrated test pick-off

The integrated test pick-off enables quick and straightforward testing using standard test probes or PS 4 test plugs.

### Colour-coded pushers

The colour-coded pushers allow circuits at different potentials to be clearly distinguished. This simplifies identification and reduces the time and cost associated with maintenance and troubleshooting.





### Clear contact assignment

Thanks to the additional contact designation, each clamping point on the terminal block can be unambiguously assigned to the corresponding connection point in the circuit diagram.

### Dual cross-connection channels

The modular system allows for easy expansion by adding further terminal blocks and utilizing an additional cross-connection in the second cross-connection channel to increase the maximum transferable total current.

### Optional FE variant

The feed-in terminal in the FE version features a contact to the DIN rail. This bonds it to ground potential, effectively preventing electrical interference.






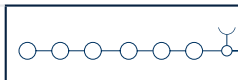
### Distribution terminals

The distribution terminals enable a safe and structured division of current to downstream circuits. The modular design allows multiple terminals to be easily connected in series, enabling flexible adaptation to different wiring scenarios.

### End plates

The end plates ensure reliable touch protection and clearly separate the individual potentials from each other. The secure mounting of the end plate ensures a tidy wiring layout and provides physical protection for the wire connections.

# Potential distribution terminals PPVK

Push-in connection system		PPVKE 6/1A	PPVKE PE 6/1A	PPVK 1.5/6A
<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> <li>Alternating potential configuration</li> </ul>				
Connection diagram				
Description		Feed-in terminal	FE feed-in terminal	Distribution terminal
Wire connect type		Push-in	Push-in	Push-in
Size (L x W x H), mm		86 x 8.1 x 42	86 x 8.1 x 42	86 x 8.1 x 42
Size (L x W x H) with TS35x7.5 mm		86 x 8.1 x 43.5	86 x 8.1 x 43.5	86 x 8.1 x 43.5
Type / Colour	grey   Pusher orange	PPVKE 6/1A/OG GR ●		PPVK 1.5/6A/OG GR ●
Cat. no.	Qty.	27056.6		27053.6
		20		50
Type / Colour	blue   Pusher orange	PPVKE 6/1A/OG BU ●		PPVK 1.5/6A/OG BU ●
Cat. no.	Qty.	27056.5		27053.5
		20		50
Type / Colour	green   Pusher orange			PPVK 1.5/6A/OG GN ●
Cat. no.	Qty.			27053.1
				50
Type / Colour	grey   Pusher red	PPVKE 6/1A/RD GR ●		PPVK 1.5/6A/RD GR ●
Cat. no.	Qty.	27057.6		27054.6
		20		50
Type / Colour	grey   Pusher blue	PPVKE 6/1A/BU GR ●		PPVK 1.5/6A/BU GR ●
Cat. no.	Qty.	27058.6		27055.6
		20		50
Type / Colour	grey   Pusher white	PPVKE 6/1A/WH ●		PPVK 1.5/6A/WH GR ●
Cat. no.	Qty.	27068.6		27067.6
		20		50
			PPVKE 6/1A/BU GR ●	
			27059.6	20



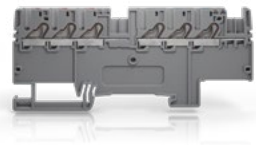


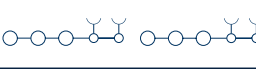
  

Description		Feed-in terminal			FE feed-in terminal			Distribution terminal		
Ratings		IEC*	UL*	CSA*	IEC*	UL*	CSA*	IEC*	UL*	CSA*
Rated voltage (V)		250	150	150	250	150	150	250	150	150
Rated current (A)		41	36	36	41	36	36	16	13	13
Rated wire cross-section, mm <sup>2</sup> / AWG		6 / 20–8			6 / 20–8			1.5 / 26–14		
Rated surge voltage kV / Contamination degree		4 / 3			4 / 3			4 / 3		
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94		A5 / V-0			A5 / V-0			A1 / V-0		
Connection data										
Single wire (solid) / stranded (flexible), mm <sup>2</sup>		0.5–6 / -			0.5–6 / -			0.25–1.5 / -		
Finely-stranded / finely-stranded (w/ferrules acc. to DI 46228/1), mm <sup>2</sup>		0.5–6 / 0.5–6			0.5–6 / 0.5–6			0.25–1.5 / 0.25–1		
Clamping range, mm <sup>2</sup>		0.5–6			0.5–6			0.25–1.5		
Stripping length, mm		12			12			8		
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		2 / 1			2 / 1			2 / 1		
Accessories										
PAPVK end plate		PAPVK 1.5/6A GR			PAPVK 1.5/6A GR			PAPVK 1.5/6A GR		
Cat. no.	Qty.	27173.6		20	27173.6		20	27173.6		20
Insulated cross-connector PQI		PQI 1.5/2 RD			PQI 1.5/2 BU			PQI 1.5/2 RD		
Cat. no.	Qty.	27122.9		50	27122.5		50	27122.9		50
Insulated cross-connector PQI		PQI 1.5/3 RD			PQI 1.5/3 BU			PQI 1.5/3 RD		
Cat. no.	Qty.	27123.9		50	27123.5		50	27123.9		50
Insulated cross-connector PQI		PQI 1.5/4 RD			PQI 1.5/4 BU			PQI 1.5/4 BU		
Cat. no.	Qty.	27124.9		20	27124.5		20	27124.5		20
Insulated cross-connector PQI		PQI 1.5/5 RD			PQI 1.5/5 BU			PQI 1.5/5 BU		
Cat. no.	Qty.	27125.9		20	27135.5		20	27135.5		20
Insulated cross-connector PQI		PQI 1.5/9 RD			PQI 1.5/9 BU			PQI 1.5/9 BU		
Cat. no.	Qty.	27129.9		20	27129.5		20	27129.5		20
Insulated cross-connector PQI		PQI 1.5/10 RD			PQI 1.5/10 BU			PQI 1.5/10 BU		
Cat. no.	Qty.	27130.9		10	27130.5		10	27130.5		10
Insulated cross-connector PQI		PQI 1.5/20 RD			PQI 1.5/20 BU			PQI 1.5/20 BU		
Cat. no.	Qty.	27131.9		5	27131.5		5	27131.5		5
End stop ZES		ZES 35 GR			ZES 35 GR			ZES 35 GR		
Cat. no.	Qty.	3748.2		50	3748.2		50	3748.2		50
Screwdriver SDB		SDB 0.5x3.0			SDB 0.5x3.0			SDB 0.4x2.0		
Cat. no.	Qty.	1085.0		1	1085.0		1	3164.0		1
Quick marking PC SB		PC/HF-SB 8x5/27 WH			PC/HF-SB 8x5/27 WH			PC/HF-SB 3.5x5/57 WH		
Cat. no.	Qty.	33639.7		594	33639.7		594	33635.7		1254
Quick marking PC BSTR		PC/HF-BSTR 8x12/27 WH			PC/HF-BSTR 8x12/27 WH					
Cat. no.	Qty.	33644.7		594	33644.7		594			

\* Approvals are pending



## Potential distribution terminals PPVK

Push-in connection system		PPVKE 6/2x1A	PPVKE PE 6/2x1A	PPVK 1.5/2x3A
<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> <li>Grouped potential configuration</li> </ul>				
Connection diagram				
Description		Feed-in terminal	FE feed-in terminal	Distribution terminal
Wire connect type		Push-in	Push-in	Push-in
Size (L x W x H), mm		100.5 x 8.1 x 42	100.5 x 8.1 x 42	100.5 x 3.5 x 42
Size (L x W x H) with TS35x7.5 mm		100.5 x 8.1 x 43.5	100.5 x 8.1 x 43.5	100.5 x 3.5 x 43.5
Type / Colour	grey   Pusher orange	PPVKE 6/2x1A/OG/OG GR ●		PPVK 1.5/2x3A/OG/OG GR ●
Cat. no.	Qty.	27097.6 20		27095.6 50
Type / Colour	grey   Pusher blue and red	PPVKE 6/2x1A/BU/RD GR ●		PPVK 1.5/2x3A/BU/RD GR ●
Cat. no.	Qty.	27098.6 20		27096.6 50
Type / Colour	grey   Pusher blue and red		PPVKE PE 6/2x1A/BU/RD GR ●	
Cat. no.	Qty.		27099.6 20	

Description		Feed-in terminal	PFE feed-in terminal	Distribution terminal
Ratings		IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
Rated voltage (V)		250 150 150	250 150 150	250 150 150
Rated current (A)		41 36 36	41 36 36	16 13 13
Rated wire cross-section, mm² / AWG		6 / 20 – 8	6 / 20 – 8	1.5 / 26 – 14
Rated surge voltage kV / Contamination degree		4 / 3	4 / 3	4 / 3
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94		A5 / V-0	A5 / V-0	A1 / V-0
Connection data				
Single wire (solid) / stranded (flexible), mm²		0.5 – 6 / -	0.5 – 6 / -	0.25 – 1.5 / -
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm²		0.5 – 6 / 0.5 – 6	0.5 – 6 / 0.5 – 6	0.25 – 1.5 / 0.25 – 1
Clamping range, mm²		0.5 – 6	0.5 – 6	0.25 – 1.5
Stripping length, mm		12	12	8
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		2 / 1	2 / 1	2 / 1
Accessories				
PAPVK end plate		PAPVK 1.5/2x3A GR	PAPVK 1.5/2x3A GR	PAPVK 1.5/2x3A GR
Cat. no.	Qty.	27180.6 20	27180.6 20	27180.6 20
Insulated cross-connector PQI		PQI 1.5/2 RD	PQI 1.5/2 BU	PQI 1.5/2 RD
Cat. no.	Qty.	27122.9 50	27122.5 50	27122.5 50
Insulated cross-connector PQI		PQI 1.5/3 RD	PQI 1.5/3 BU	PQI 1.5/3 RD
Cat. no.	Qty.	27123.9 50	27123.5 50	27123.5 50
Insulated cross-connector PQI		PQI 1.5/4 RD	PQI 1.5/4 RD	PQI 1.5/4 RD
Cat. no.	Qty.	27124.9 20	27124.5 20	27124.5 20
Insulated cross-connector PQI		PQI 1.5/5 RD	PQI 1.5/5 BU	PQI 1.5/5 BU
Cat. no.	Qty.	27125.9 20	27135.5 20	27135.5 20
Insulated cross-connector PQI		PQI 1.5/9 RD	PQI 1.5/9 BU	PQI 1.5/9 BU
Cat. no.	Qty.	27129.9 20	27129.5 20	27129.5 20
Insulated cross-connector PQI		PQI 1.5/10 RD	PQI 1.5/10 RD	PQI 1.5/10 RD
Cat. no.	Qty.	27130.9 10	27130.5 10	27130.5 10
Insulated cross-connector PQI		PQI 1.5/20 RD	PQI 1.5/20 RD	PQI 1.5/20 RD
Cat. no.	Qty.	27131.9 5	27131.5 5	27131.5 5
End stop ZES		ZES 35 GR	ZES 35 GR	ZES 35 GR
Cat. no.	Qty.	3748.2 50	3748.2 50	3748.2 50
Screwdriver SDB		SDB 0.5x3.0	SDB 0,5x3,0	SDB 0.4x2.0
Cat. no.	Qty.	1085.0 1	1085.0 1	3164.0 1
Quick marking PC SB		PC/HF-SB 8x5/27 WH	PC/HF-SB 8x5/27 WH	PC/HF-SB 3.5x5/57 WH
Cat. no.	Qty.	33639.7 594	33639.7 594	33635.7 1254
Quick marking PC BSTR		PC/HF-BSTR 8x12/27 WH	PC/HF-BSTR 8x12/27 WH	
Cat. no.	Qty.	33644.7 594	33644.7 594	

\* Approvals are pending

# Potential distribution terminals PPVK

## Push-in connection system

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

## SET PPVK 6/1.5/12A



## SET PPVK 6/1.5/24A



<b>Description</b>		Distribution block with alternating potential configuration for 12 connections.			Distribution block with alternating potential configuration for 24 connections.		
<b>Wire connect type</b>		Push-in			Push-in		
Size (L x W x H), mm		86 x 33.2 x 42			86 x 47.2 x 42		
Size (L x W x H) with TS35x7.5 mm		86 x 33.2 x 43.5			86 x 47.2 x 43.5		
<b>Type / colour</b>		SET PPVK 6/1.5/12A ●			SET PPVK 6/1.5/24A ●		
<b>Cat. no.</b>	<b>Qty.</b>	27320.6			27321.6		
<b>Description</b>		<b>Feed-in terminals</b>			<b>Distribution terminals</b>		
<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	150	150	250	150	150
Rated current (A)		41	36	36	16	13	13
Rated wire cross-section, mm <sup>2</sup> / AWG		6 / 20–8			1.5 / 26–14		
Rated surge voltage kV / Contamination degree		4 / 3			4 / 3		
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94		A5 / V-0			A1 / V-0		
<b>Connection data</b>							
Single wire (solid) / stranded (flexible), mm <sup>2</sup>		0.5–6 / -			0.25–1.5 / -		
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>		0.5–6 / 0.5–6			0.25–1.5 / 0.25–1		
Clamping range, mm <sup>2</sup>		0.5–6			0.25–1.5		
Stripping length, mm		12			8		
<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		2 / 1			2 / 1		
<b>Accessories</b>							
<b>PAPVK end plate</b>		<b>PAPVK 1.5/6A GR</b>			<b>PAPVK 1.5/6A GR</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27173.6			27173.6		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/2 RD</b>			<b>PQI 1.5/2 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27122.9			27122.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/3 RD</b>			<b>PQI 1.5/3 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27123.9			27123.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/4 RD</b>			<b>PQI 1.5/4 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27124.9			27124.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/5 RD</b>			<b>PQI 1.5/5 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27125.9			27125.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/9 RD</b>			<b>PQI 1.5/9 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27129.9			27129.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/10 RD</b>			<b>PQI 1.5/10 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27130.9			27130.5		
<b>Insulated cross-connector PQI</b>		<b>PQI 1.5/20 RD</b>			<b>PQI 1.5/20 BU</b>		
<b>Cat. no.</b>	<b>Qty.</b>	27131.9			27131.5		
<b>End stop ZES</b>		<b>ZES 35 GR</b>			<b>ZES 35 GR</b>		
<b>Cat. no.</b>	<b>Qty.</b>	3748.2			3748.2		
<b>Screwdriver SDB</b>		<b>SDB 0.5x3.0</b>			<b>SDB 0.4x2.0</b>		
<b>Cat. no.</b>	<b>Qty.</b>	1085.0			3164.0		
<b>Quick marking PC SB</b>		<b>PC/HF-SB 8x5/27 WH</b>			<b>PC/HF-SB 8x5/27 WH</b>		
<b>Cat. no.</b>	<b>Qty.</b>	33639.7			33639.7		
<b>Quick marking PC BSTR</b>		<b>PC/HF-BSTR 8x12/27 WH</b>			<b>PC/HF-BSTR 8x12/27 WH</b>		
<b>Cat. no.</b>	<b>Qty.</b>	33644.7			33644.7		
<b>Quick marking PC SB</b>		<b>PC/HF-SB 3.5x5/57 WH</b>			<b>PC/HF-SB 3.5x5/57 WH</b>		
<b>Cat. no.</b>	<b>Qty.</b>	33635.7			33635.7		

\* Approvals are pending

## Push-in terminals PPVK

### Push-in connection system

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

### SET PPVK 2x6/1.5/12A



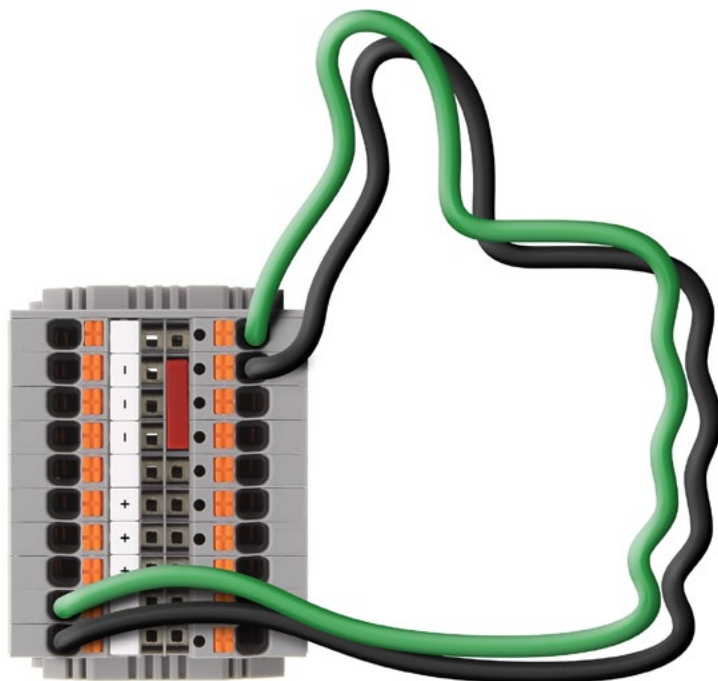
### SET PPVK 2x6/1.5/24A



<b>Description</b>	Distribution block with grouped potential configuration for 12 connections.			Distribution block with grouped potential configuration for 24 connections.		
<b>Wire connect type</b>	Push-in			Push-in		
Size (L x W x H), mm	100.5 x 23.6 x 42			100.5 x 37.6 x 42		
Size (L x W x H) with TS35x7.5 mm	100.5 x 23.6 x 43.5			100.5 x 37.6 x 43.5		
<b>Type / colour</b>	SET PPVK 2x6/1.5/12A ●			SET PPVK 2x6/1.5/24A ●		
Cat. no.	27322.6			27323.6		
<b>Description</b>	Feed-in terminals			Distribution terminals		
<b>Ratings</b>						
Rated voltage (V)	250			250		
Rated current (A)	41			16		
Rated wire cross-section, mm <sup>2</sup> / AWG	6 / 20 – 8			1.5 / 26 – 14		
Rated surge voltage kV / Contamination degree	4 / 3			4 / 3		
Plug gauge acc. to EN 60 947-1 / Flamm. class acc. to UL 94	A5 / V-0			A1 / V-0		
<b>Connection data</b>						
Single wire (solid) / stranded (flexible), mm <sup>2</sup>	0.5 – 6 / -			0.25 – 1.5 / -		
Finely-stranded / finely-stranded (w/ferrules acc. to DIN 46228/1), mm <sup>2</sup>	0.5 – 6 / 0.5 – 6			0.25 – 1.5 / 0.25 – 1		
Clamping range, mm <sup>2</sup>	0.5 – 6			0.25 – 1.5		
Stripping length, mm	12			8		
<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	2 / 1			2 / 1		
<b>Accessories</b>						
<b>PAPVK end plate</b>	PAPVK 1.5/2x3A GR			PAPVK 1.5/2x3A GR		
Cat. no.	27180.6			27180.6		
<b>Insulated cross-connector PQI</b>	PQI 1.5/2 RD			PQI 1.5/2 BU		
Cat. no.	27122.9			27122.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/3 RD			PQI 1.5/3 BU		
Cat. no.	27123.9			27123.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/4 RD			PQI 1.5/4 BU		
Cat. no.	27124.9			27124.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/5 RD			PQI 1.5/5 BU		
Cat. no.	27125.9			27125.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/9 RD			PQI 1.5/9 BU		
Cat. no.	27129.9			27129.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/10 RD			PQI 1.5/10 BU		
Cat. no.	27130.9			27130.5		
<b>Insulated cross-connector PQI</b>	PQI 1.5/20 RD			PQI 1.5/20 BU		
Cat. no.	27131.9			27131.5		
<b>End stop ZES</b>	ZES 35 GR			ZES 35 GR		
Cat. no.	3748.2			3748.2		
<b>Screwdriver SDB</b>	SDB 0.5x3.0			SDB 0.4x2.0		
Cat. no.	1085.0			3164.0		
<b>Quick marking PC SDB</b>	PC/HF-SB 8x5/27 WH			PC/HF-SB 8x5/27 WH		
Cat. no.	33639.7			33639.7		
<b>Quick marking PC BSTR</b>	PC/HF-BSTR 8x12/27 WH			PC/HF-BSTR 8x12/27 WH		
Cat. no.	33644.7			33644.7		
<b>Quick marking PC SB</b>	PC/HF-SB 3.5x5/57 WH			PC/HF-SB 3.5x5/57 WH		
Cat. no.	33635.7			33635.7		

\* Approvals are pending

# Our connections get **reactions**



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