



FLASH CIPLINE

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Next-generation high current panel feed-through terminal blocks

Screw (UW) and bolt (RW) connection for telecom and power distribution

Description

The newest generation of panel feed-through (PFT) high-current terminal blocks feature high retention forces and multiple mounting options. Manufactured with secure universal screw and ring lug/bolt connection technology, PFT series terminal blocks offer multiple mounting options across a wide range of wire gauges. The blocks snap into panel cut-outs without special tooling. Screw and rivet options can accommodate high mechanical stability for conductors.

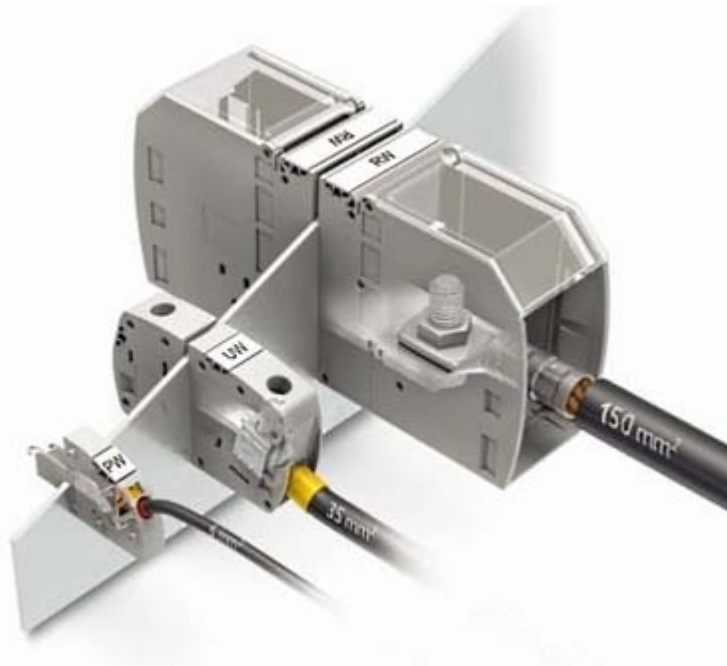
The PFT series expands the range of existing high-current feed-through terminal blocks (such as DFK, VDFK and HDFK) with redesigned screw (UW) connectors and new ring lug (RW) style for large cross sections. An innovative 4 mm push-in termination (PW) connector is in development.

PFT series terminal blocks are rated up to 600 V UL. Electrical current ratings range from 30 A to 112 A (see UL file E60425 – Terminal Blocks).

RW – Ring/Bolt
M5, M8 and M10

UW – Universal Screw
4, 10, 16 and 25 mm²

PW – Push-In
4 mm²
(In development)





Applications

Designed for use in several industries, PFT series terminal blocks are especially useful within the telecom and power distribution sectors. This series also supports electrical device manufacturers of filters, converters, inverters, transformers, power supplies, and industrial batteries.

Phoenix Contact was the sole supplier of high-current feed-through terminal blocks for more than 10 years with DFK, VDFK and HDFK products, until its patent expired in 2008. Later that year, Weidmuller and Dinkle Enterprise produced “copycats” in an attempt to gain market share.

With multiple mounting options and connection methods, the next-generation PFT series delivers an innovative panel feed-through solution that will help maintain market leadership for Phoenix Contact.

Alternative mounting options



Flange



Rivets



Screw

Support material

- Feed-through Terminal Blocks brochure MNR 52005901
- Sample postcard 52005816
- Product animation video

Ordering information

UW connectors*

Part Number	Product Type	Description	List Price	Avail
3073306	UW 4	Universal screw PFT, 4 mm ²	\$5.01	Stock
3073319	UW 4/S	Screw PFT, 4 mm ² w/alignment pins	\$5.01	Stock
3073322	UW 10	Screw PFT, 10 mm ²	\$8.08	Stock
3073335	UW 10/S	Screw PFT, 10 mm ² w/alignment pins	\$8.08	Stock
3073348	UW 16	Screw PFT, 16 mm ²	\$9.97	Stock
3073351	UW 16/S	Screw PFT, 16 mm ² w/alignment pins	\$9.97	Stock
3073364	UW 25	Screw PFT, 25 mm ²	\$12.76	Stock
3073377	UW 25/S	Screw PFT, 25 mm ² w/alignment pins	\$12.76	Stock

*Visit online catalog for variants (V, -POT, -POTS, -F).



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RW connectors*

Part Number	Product Type	Description	List Price	Avail
3073584	RW 5	Ring/bolt connection PFT, M5 thread	\$13.87	Stock
3073597	RW 5/S	Ring PFT, M5 w/alignment pins	\$13.87	Stock
3073607	RW 8	Ring PFT, M8 thread	\$20.23	Stock
3073610	RW 8/S	Ring PFT, M8 thread w/alignment pins	\$20.23	Stock
3056116	RWO 5	Ring PFT open-style, M5 thread	\$9.07	Stock
3056129	RWO 5/S	Ring PFT open, M5 w/alignment pins	\$9.07	Stock
3056132	RWO 8	Ring PFT open style, M8 thread	\$14.84	Stock
3056145	RWO 8/S	Ring PFT open, M8 w/alignment pins	\$14.84	Stock
3056158	RWO 10	Ring PFT open-style, M10 thread	\$46.72	MTO
3056161	RWO 10/S	Ring PFT open, M10 w/alignment pins	\$46.72	MTO

*Visit online catalog for variants (V, -POT, -POTS, -TC, -TC/S, -F).

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