



DBLK POWER DISTRIBUTION BLOCKS

PI-Spring (Push-In & Spring) technology

Unipolar 7, 15 & 16 connections, 10, 16 & 35 mm²
up to 125 A, 1000VAC - 1500VDC

Compact, vibration proof and time saving power distribution in control panel.



EASY TO INSTALL

3 mounting options adapted to many panel configurations

- Horizontal & vertical Din rail mounting
- Panel mount with screws.

Clear identification

- Double marking area
- Flat "SNK" marking surface
- Ready to use marking kit (L1, L2, L3, N, PE, "+", "-", red, blue, green) delivered with each block
- Installation instruction on back.

Easy wiring

- Increased wiring visibility due to in-line connection and front access
- Hands-free wiring, with or without screwdriver
- Screwdriver is locked during wiring process.

Flexibility

- Compatible with BAM4 end stop
- Built-in voltage test point.



INCREASED PRODUCTIVITY

Reduced wiring, inventories, hardware and assembly costs

- Push-in connection save up to 50% installation time compared to screw technology
- Reduces assembly time by up to 90% compared to conventional systems
- Our modular and touch proof concept significantly reduces the needs for bus bars, isolators, fasteners, protection screens...

Time saving

- Allow flexible cables wiring without ferrules with screwdriver
- Easy and quick insertion for rigid and solid wires in push-in mode.

Fast & flexible wiring

PI-spring technology, pre-numbered connections, technical data on product cover.



FOR ALL YOUR NEEDS

Reduced inventory

Short range, no accessory, all mounting options provided on a single block: vertical or horizontal, Din rail mounting, panel mounting.

World-class certifications

Full standard package: IEC / UL / EAC.

Safety

Full IP20.



DBLK POWER DISTRIBUTION BLOCK

Main technical data

Rated current		Rated voltage		Rated cross section								Type	Part Number		Packing
IEC		UL	IEC	UL											
					Flexible without ferrule	Flexible with insulated ferrule	Flexible with twin ferrule			Rigid Solid/Stranded					pieces
					nb	mm²	mm²	AWG	mm²	AWG	mm²	AWG			
	76 A	85 A	1000 VAC 1500 VDC	1000 V	3	1.5 ... 16	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 25	16 ... 4	DBLK76-7	ISNL407610R0000	10 pcs
					4	1.5 ... 10	1.5 ... 10	16 ... 8	1.5 ... 4	16 ... 12	1.5 ... 16	16 ... 6			
	76 A	85 A	1000 VAC 1500 VDC	1000 V	3	1.5 ... 16	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 25	16 ... 4	DBLK76-15	ISNL407611R0000	5 pcs
					12	1.5 ... 10	1.5 ... 10	16 ... 8	1.5 ... 4	16 ... 12	1.5 ... 16	16 ... 6			
	125 A	130 A	1000 VAC 1000 VDC	600 V	2*	10 ... 35	10 ... 35	8 ... 1	N/A	N/A	10 ... 35	8 ... 1	DBLK125-16-2R	ISNL412510R0000	1 pcs
					2	1.5 ... 16	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 16	16 ... 6			
					12	1.5 ... 10	1.5 ... 10	16 ... 8	1.5 ... 4	16 ... 12	1.5 ... 16	16 ... 6			

* The 2 x 10 ... 35 mm² connections are screw clamp technology

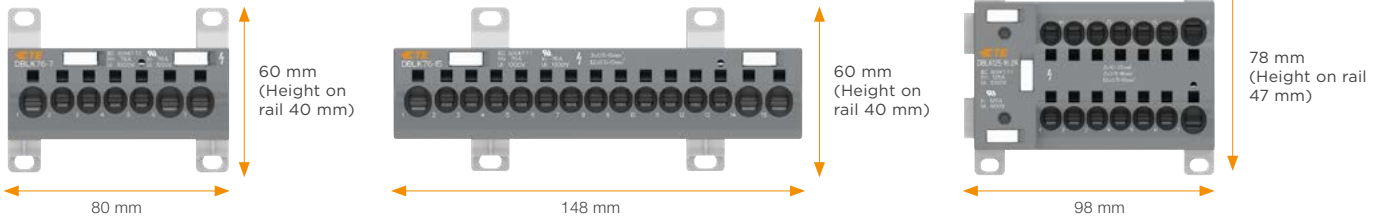


Flexible without ferrule IEC V-K (class 5/6)	Flexible with insulated ferrule IEC V-K (class 5/6)	Rigid Solid IEC V-U (class 1), UL solid	Rigid Stranded IEC V-R (class 2), UL class B/C
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Mounting instructions

Rail		TH 35-7.5 TH 35-15	Tool		Torque		Screw clamp
Wire stripping length		Screw connection 17 mm 0.67 in	For screw connection		Allen key Ø 4 Ø 0.157		25 ... 35 mm ² 4 ... 1 AWG 3.5 ... 4 Nm 31 ... 35.4 lb.in
		PI-Spring connection 15 mm 0.591 in	For PI-Spring connection (for flexible conductor without ferrule)		Flat screwdriver Ø 4 Ø 0.157		16 mm ² 6 AWG 3 ... 3.5 Nm 26.5 ... 35.4 lb.in
							10 mm ² 8 AWG 3 ... 3.5 Nm 26.5 ... 35.4 lb.in

Dimensions



Mounting instructions



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