

## DBLK POWER DISTRIBUTION BLOCKS

PI-Spring (Push-In & Spring) technology

Unipolar 7, 15 & 16 connections, 10, 16 & 35 mm<sup>2</sup>  
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.

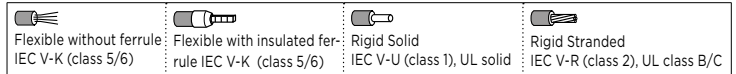


# DBLK POWER DISTRIBUTION BLOCK

## 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					
				nb	mm <sup>2</sup>	mm <sup>2</sup>	AWG	mm <sup>2</sup>	AWG	mm <sup>2</sup>	AWG			pieces	
	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 mm<sup>2</sup> connections are screw clamp technology

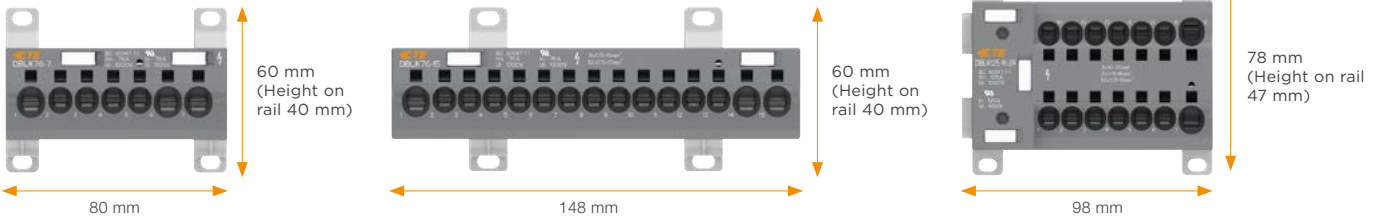


## Ordering details

## Mounting instructions

Rail	Tool	Torque	Screw clamp
 TH 35-7.5 TH 35-15	For screw connection  Allen key Ø 4 Ø 0.157	 25 ... 35 mm <sup>2</sup> : 3.5 ... 4 Nm 4 ... 1 AWG : 31 ... 35.4 lb.in 16 mm <sup>2</sup> : 3 ... 3.5 Nm 6 AWG : 26.5 ... 35.4 lb.in 10 mm <sup>2</sup> : 3 ... 3.5 Nm 8 AWG : 26.5 ... 35.4 lb.in	Screw clamp
Wire stripping length  Screw connection : 17 mm / 0.67 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		

## Dimensions



## Mounting instructions



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