

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

Ordering details

Rated current		Rated voltage		Max 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 ²	AWG	mm ²	AWG	mm ²	AWG	mm ²	AWG			pieces
	76 A 85 A	1000 VAC 1500 VDC	1000 V	3	1.5 ... 16	16 ... 6	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 25	16 ... 4	DBLK76-7	1SNL407610R0000	10 pcs
				4	1.5 ... 10	16 ... 8	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	16 ... 6	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 25	16 ... 4	DBLK76-15	1SNL407611R0000	5 pcs
				12	1.5 ... 10	16 ... 8	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*	N/A	N/A	10 ... 35	8 ... 1	N/A	N/A	10 ... 35	8 ... 1	DBLK125-16-2R	1SNL412510R0000	1 pcs
				2	1.5 ... 16	16 ... 6	1.5 ... 16	16 ... 6	1.5 ... 6	16 ... 10	1.5 ... 16	16 ... 6			
				12	1.5 ... 10	16 ... 6	1.5 ... 10	16 ... 8	1.5 ... 4	16 ... 12	1.5 ... 16	16 ... 6			

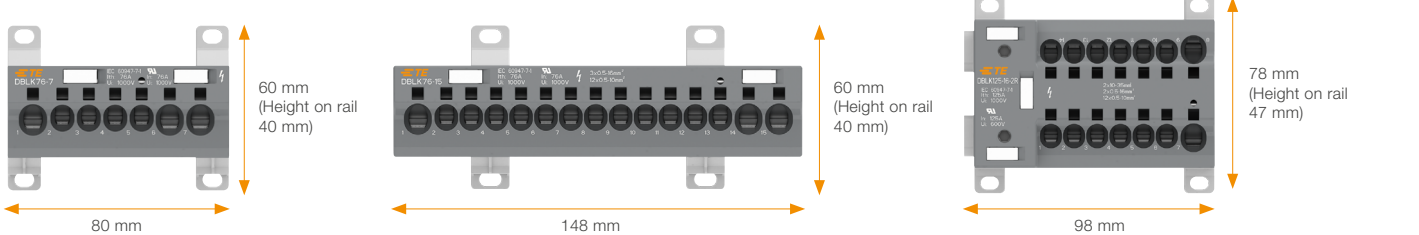
* 2 connections with 10...35 mm² range are screw clamp connections for DBLK125-16-2R

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

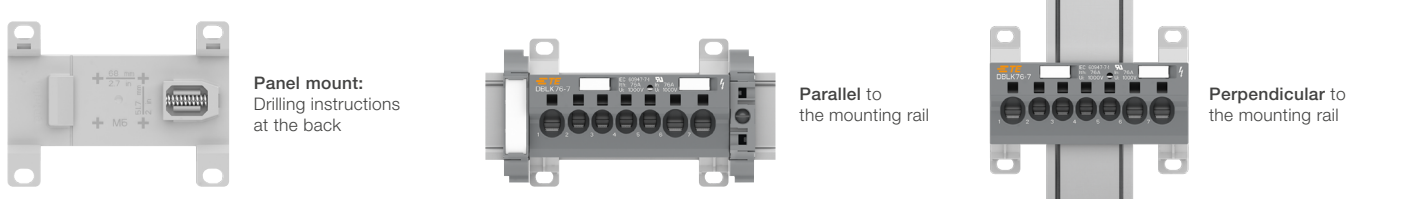
Mounting instructions

Rail	TH 35-7.5 TH35-15	Tool (for flexible conductor without ferrule)	Allen key	Torque	Screw clamp		
Wire stripping length		35 mm ² 1 AWG	17 mm 0.67 in	35 mm ² 1 AWG	∅ 4 ∅ 0.157	25 ... 35 mm ² 4 ... 1 AWG	3.5 ... 4 Nm 31 ... 35.4 lb.in
		16 mm ² 6 AWG	15 mm 0.591 in	16 mm ² 6 AWG	∅ 4 ∅ 0.157	16 mm ² 6 AWG	3 ... 3.5 Nm 26.5 ... 35.4 lb.in
		10 mm ² 8 AWG	15 mm 0.591 in	10 mm ² 8 AWG	∅ 4 ∅ 0.157	10 mm ² 8 AWG	3 ... 3.5 Nm 26.5 ... 35.4 lb.in

Dimensions



Mounting instructions



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