



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.

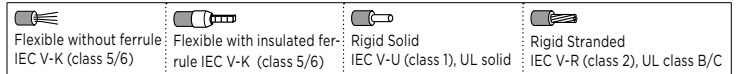


DBLK POWER DISTRIBUTION BLOCK

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 | | | | | |
| | | | | nb | mm ² | mm ² | AWG | mm ² | AWG | mm ² | 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 | | | |

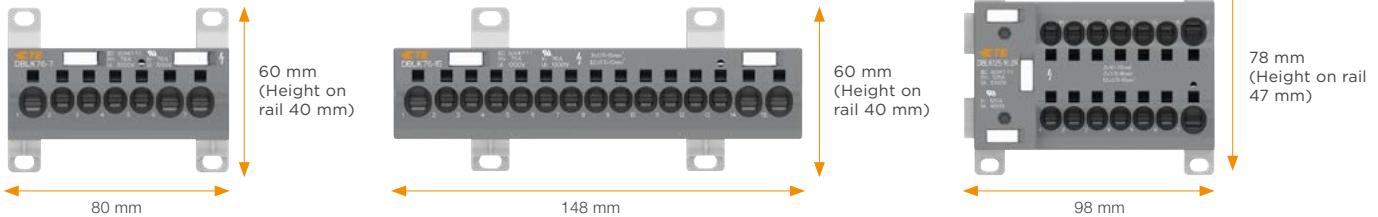
* The 2 x 10 ... 35 mm² connections are screw clamp technology



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 ² : 3.5 ... 4 Nm 4 ... 1 AWG : 31 ... 35.4 lb.in |
| Wire stripping length | For PI-Spring connection (for flexible conductor without ferrule) | Flat screw-driver Ø 4 Ø 0.157 | 16 mm ² : 3 ... 3.5 Nm 6 AWG : 26.5 ... 35.4 lb.in 10 mm ² : 3 ... 3.5 Nm 8 AWG : 26.5 ... 35.4 lb.in |

Dimensions



Mounting instructions



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