

# PTB SERIES

STUD / RING LUG TERMINALS

## HIGHLIGHTS

### FEATURES

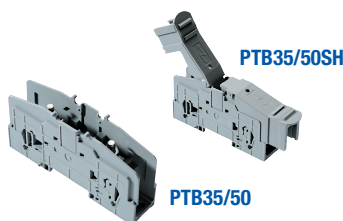
- Panel / DIN Rail mountable
- High Current up to 230A
- Finger safe protective cover (PSPTBXX)
- Modular / stackable design
- 2, 3, 4 pole jumper system

### APPLICATIONS

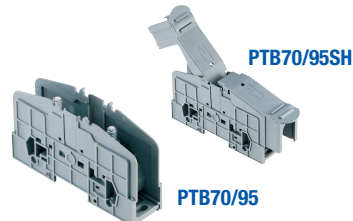
- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed

## HIGH CURRENT POWER TERMINAL BLOCKS

### PTB35/50 PTB35/50SH



### PTB70/95 PTB70/95SH



### Dimensions & Weight

|                   |                           |                                  |
|-------------------|---------------------------|----------------------------------|
| Width             | 25 mm                     | 32 mm                            |
| Length            | 113 / 169 mm              | 130 / 192 mm                     |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 76.6 / 78.0 mm<br>84.5 / 86.0 mm |
| Weight per piece  | 112.0 / 130.5 g           | 174.4 / 198.2 g                  |

### Technical Data/Ratings

|                              |                                   |                                     |
|------------------------------|-----------------------------------|-------------------------------------|
| Approvals                    |                                   |                                     |
| Wire Size (solid / stranded) | 8-2 AWG<br>1.5-50 mm <sup>2</sup> | 8-4/0 AWG<br>1.5-95 mm <sup>2</sup> |
| Voltage Rating               | 600 V<br>1000V AC/DC              | 600 V<br>1000V AC/DC                |
| Current Rating               | 115 A<br>150 A                    | 230 A<br>232 A                      |
| Torque                       | 27 lb-in<br>3.0 Nm                | 87 lb-in<br>10.0 Nm                 |
| Insulation Material          | Polyamide 66                      | Polyamide 66                        |

### Installation Instructions

|                       |                      |                      |
|-----------------------|----------------------|----------------------|
| Wire Stripping Length | —                    | —                    |
| Screw / Stud Size     | M6                   | M8                   |
| Screwdriver           | Hex Nut Driver 10 mm | Hex Nut Driver 13 mm |

### Terminal Blocks

|      | Cat. No.   | Std. Pk. | Cat. No.   | Std. Pk. |
|------|------------|----------|------------|----------|
| Grey | PTB35/50   | 10       | PTB70/95   | 10       |
|      | PTB35/50SH | 10       | PTB70/95SH | 10       |

### Accessories

|                    | Cat. No.                      | Std. Pk.         | Cat. No.                         | Std. Pk.         |
|--------------------|-------------------------------|------------------|----------------------------------|------------------|
| Protective Cover   | PSPTB35                       | 20               | PSPTB70                          | 10               |
| DIN Rail           | 2511120<br>CA701-15/S         | 20<br>20         | 2511120<br>CA701-15/S            | 20<br>20         |
| End Stop           | CA102<br>CA202                | 50<br>50         | CA102<br>CA202                   | 50<br>50         |
| Jumper System      | CA703/9<br>CA704/9<br>CA705/9 | 10<br>10<br>10   | CA703/11<br>CA704/11<br>CA705/11 | 10<br>10<br>10   |
| Marking Tag        | MT9                           | 1 Pk. (100 tags) | MT9                              | 1 Pk. (100 tags) |
| Marking Tag Holder | MHPTB35                       |                  | MHPTB35                          |                  |

