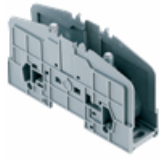# connectwell
## THE RIGHT CONNECTION

**PTB70/95**

### 95 sq.mm Stud Type Power Terminal Blocks

PTB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holdsthe Terminal Block rigidly on to the Mounting Rail.Two Lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block. In PTB35SH, PTB70SH Terminal Blocks a hinged protective cover makes the Terminal Block shock proof (finger safe) and has marker recess to accept marking tag.

## TECHNICAL DATA

| | |
|---|---|
| Rated Voltage | 1000 V |
| Rated Current | 232 A |
| Tightening Torque | 10 Nm |
| Housing Material | Polyamide |
| Comparative Tracking Index | 1 |
| Standard Colour | Grey |
| Type of Connection | Stud / Busbar / Bolt |
| Product Function | Power Terminal Block |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 35/DIN 35-15 Rail |
| Stud Size | M8 |
| Operated by | Nut Driver |
| Rated Surge Voltage | 8 KV |
| Pollution Degree | 3 |

## CONNECTION DATA

| | |
|---|---|
| Conductor Cross Section Stranded min. | 1.5 mm² |
| Conductor Cross Section Stranded max. | 95 mm² |
| Conductor Cross Section AWG/Kcmil min | 20 AWG |
| Conductor Cross Section AWG/Kcmil max | 4/0 AWG |
| 2 Conductors with same Cross Section Stranded min | 1.5 mm² |
| 2 Conductor with same Cross Section Stranded max | 95 mm² |
| Stripping Length | 18 mm |
| Internal Cylindrical Guage | A12 |

## DIMENSIONS

| | |
|---|---|
| Height with DIN 35 x 15 mm rail | 84.5 mm |
| Height with DIN 35 x 7.5 mm rail | 76.6 mm |
| Length | 130 mm |
| Width (Thickness) | 32 mm |

## ACCESSORIES....

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|---|---|---|---|
| | CA102 | End Clamp in Polyamide suitable for Din32 / Din35 / Din35-15 Rails | 50 |
| | CA202 | End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails | 50 |
| | CA703/11 | Permanent Shorting Links for 2 way shorting. | 10 |
| | CA704/11 | Permanent Shorting Links for 3 way shorting. | 10 |
| | CA705/11 | Permanent Shorting Links for 4 way shorting. | 10 |
| | CA509/K9 | Blank Marking Tag | 100 |
| | MHPTB70/95 | Marker Holder Suitable for PTB70/95 | 10 |
| | PSPTB70/95 | Protective Cover suitable for PTB70/95 | 20 |

## APPROVALS

CE  CSA us  RU us  IEC  IECEE

## ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|---|---|---|
| PTB70/95 | 95 sq.mm Stud Type Power Terminal Block in Grey colour | 10 |
| PTB70/95R | 95 sq.mm Stud Type Power Terminal Block in Red colour | 10 |
| PTB70/95Y | 95 sq.mm Stud Type Power Terminal Block in Yellow colour | 10 |
| PTB70/95BU | 95 sq.mm Stud Type Power Terminal Block in Blue colour | 10 |
| PTB70/95GN | 95 sq.mm Stud Type Power Terminal Block in Green colour | 10 |
| PTB70/95BK | 95 sq.mm Stud Type Power Terminal Block in Black colour | 10 |

## ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|---|---|---|---|
| | CA701-1M | Din 35 Rail unslotted 1 meter | 50 |
| | CA701-2M | Din 35 Rail unslotted 2 meter | 50 |
| | CA701-2M-S | Din 35 Rail slotted 2 meter | 50 |
| | CA701-1M-S | Din 35 Rail slotted 1 meter | 50 |

| RATINGS AS PER STANDARDS | | | |
|---|---|---|---|
| STANDARDS | UL 1059 | IEC/EN60947-7-1 | CSA C.22.2 No:158 |
| Approvals | UL | CE | CSA |
| Conductor Cross Section Stranded min. | 8 AWG | 1.5 mm² | 8 AWG |
| Conductor Cross Section Stranded max. | 4/0 AWG | 95 mm² | 4/0 AWG |
| Rated Voltage | 600 V | 1000 V | 600 V |
| Rated Current | 230 A | 232 A | 230 A |
| Tightening Torque | 87 lb-in | 10 Nm | 87 lb-in |