

PDB400



120 sq.mm Compact Distribution Blocks.

pdb400 distribution block are used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be Panel mounted.

TECHNICAL DATA

| | |
|---------------------------------|----------------------------|
| Rated Voltage | 1000 V |
| Rated Current | 250 A |
| Tightening Torque - Input Side | 19 Nm |
| Tightening Torque - Output Side | 2 Nm |
| Housing Material | Polymide |
| Product Function | Compact Distribution Block |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 35/DIN 35-15 Rail |
| Operated by | Screw Driver |
| Rated Surge Voltage | 6 KV |
| Pollution Degree | 3 |

CONNECTION DATA

| | |
|--|---------------------|
| Conductor Cross Section Stranded min.- Input Side | 35 mm ² |
| Conductor Cross Section Stranded max. - Input Side | 120 mm ² |
| Conductor Cross Section Stranded min.- Output Side | 4 mm ² |
| Conductor Cross Section Stranded min.- Output Side | 2.5 mm ² |
| Conductor Cross Section Stranded min.- Output Side | 1.5 mm ² |
| Conductor Cross Section Stranded max.- Output Side | 35 mm ² |
| Conductor Cross Section Stranded max.- Output Side | 25 mm ² |
| Conductor Cross Section Stranded max.- Output Side | 16 mm ² |
| Conductor Cross Section Stranded min AWG/KCML.- Input Side | 2 AWG |
| Conductor Cross Section Stranded max AWG/KCML.- Input Side | 250 kcmil |
| Stripping Length- Input Side | 27 mm |
| Stripping Length-Output Side | 12 mm |

DIMENSIONS

| | |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail | 85 mm |
| Height with DIN 35 x 7.5 mm rail | 77.5 mm |
| Length | 94 mm |
| Width (Thickness) | 53.3 mm |

ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|----------|--|-----------|
| PDB400 | 120 sqmm Compact Distribution Terminal Block in Grey colour. | 1 |

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 |
| | CA701-15-1M | Din 35 Rail 15 deep unslotted 1 meter | 50 |
| | CA701-15-1M-S | Din 35 Rail 15 deep slotted 1 meter | 50 |
| | CA701-15-2M | Din 35 Rail 15 deep unslotted 2 meter | 50 |
| | CA701-15-2M-S | Din 35 Rail 15 deep slotted 2 meter | 50 |
| | SCPH2 | Phillips Screwdriver for Phillips Recess screws | 10 |

APPROVALS



PDB400



connectwell
THE RIGHT CONNECTION

RATINGS AS PER STANDARDS

| STANDARDS | UL 1059 | IEC/EN60947-7-1 |
|---|-----------|---------------------|
| Approvals | UL | CE |
| Conductor Cross Section Stranded min. - Input Side | 2 AWG | 35 mm ² |
| Conductor Cross Section Stranded max. - Input Side | 250 AWG | 120 mm ² |
| Conductor Cross Section Stranded min. - Output Side | 16 AWG | 1.5 mm ² |
| Conductor Cross Section Stranded max. - Output Side | 6 AWG | 16 mm ² |
| Rated Voltage | 600 V | 1000 V |
| Rated Current | 250 A | 250 A |
| Tightening Torque - Input Side | 172 lb-in | 19 Nm |
| Tightening Torque - Output Side | 27 lb-in | 2 Nm |