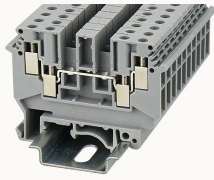


## Overview

### Product information



## PCDK4-11010000117

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 630 V, Rated current: 32 A, Number of connectors: 3, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Product advantages

- Screw connection technology, reliable connection;
- Equipped with fixed parts and bridge parts, circuit connection test is more flexible;
- Copper alloy material, good corrosion resistance;
- Can be matched with marker strips to avoid incorrect insertion of wires.

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Overview

|   |                  |
|---|------------------|
| Number of rows                            | 1                |
| number of connections                     | 4                |
| Open-end side panels                      | Yes              |
| Insulation Materials                      | PA               |
| Flame retardant grade, in line with UL 94 | V0               |
| Insulating material group                 | I                |
| standard test                             | IEC60947-7-1     |
| Connection method                         | screw connection |

**Dimension**

|                  |        |
|------------------|--------|
| width            | 6.2mm  |
| End plate width  | 1.5mm  |
| Height           | 47mm   |
| NS 35/7,5 Height | 48.4mm |
| NS 35/15 Height  | 55.9mm |
| length           | 63.5mm |

**Wiring data**

|   |                        |
|---|------------------------|
| Strip length  | 7~8mm                  |
| Conductor cross section solid AWG                                 | 24~10                  |
| Conductor cross section solid                                     | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible                                  | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.2~2.5mm <sup>2</sup> |
| 2 flexible conductors with a TWIN ferrule                         | 0.5~1.5mm <sup>2</sup> |
| Screw type  | Slotted screw          |
| screw thread  | M3                     |
| Tightening torque   | 0.5N.m                 |

**IEC Electrical parameters**

|                         |      |
|-------------------------|------|
| Rated voltage (III / 3) | 630V |
| Rated current (III / 3) | 32A  |
| Rated surge voltage     | 6KV  |

**UL Electrical parameters**

|               |      |
|---------------|------|
| Rated voltage | 300V |
|---------------|------|

|               |     |
|---------------|-----|
| Rated current | 30A |
|---------------|-----|

#### Environmental conditions

|   |   |
|---|---|
| Ambient temperature (operation)           | -40 °C ~ 105 °C (depending on derating curve) |
| Relative humidity (storage/transport)     | 25%~75%                                       |
| Ambient temperature (storage / transport) | -25°C~60°C                                    |

#### Mechanical performance test

|                      |                 |
|----------------------|-----------------|
| Mechanical strength  | Passed the test |
| Fixing support       | Passed the test |
| Rotational Pull Test | Passed the test |

#### Electrical performance test

|                       |        |
|-----------------------|--------|
| Voltage drop          | ≤3.2mV |
| Temperature rise test | ≤45 K  |

#### Safety test

|                   |                 |
|-------------------|-----------------|
| Anti-finger touch | Passed the test |
|-------------------|-----------------|

#### Environmental protection

|            |                                 |
|------------|---------------------------------|
| RoHS       | No excessive harmful substances |
| REACH SVHC | Lead 7439-92-1                  |

#### Accessories

##### Accessories

|  |                        |
|--|------------------------|
| Slotted screwdriver size (Blade thickness x Width) | 0.6×3.5                |
| Fixed bridge                                       | FBIX-6                 |
| Insertion bridge                                   | EB2-6 / EB3-6 / EB10-6 |
| End cover  | D-PCDK2.5              |
| Separating disk                                    | TS-KK3                 |

|                 |   |
|-----------------|---|
| Partition plate | / |
|-----------------|---|

#### Marker

|                |     |
|----------------|-----|
| Top marker     | /   |
| Marker         | ZB6 |
| Marker support | /   |

#### Installation

|                               |  |
|-------------------------------|--|
| End clamp                     | E-WS N / E-PC-1100A                          |
| Terminal strip marker support | KLM3-20x8 / KLM3-44x8 / DLM2 / DBE-1 / DBE-2 |
| DIN rail                      | NS35/7.5 & NS35/15                           |

#### Marking & Installation

|               |       |
|---------------|-------|
| Marking strip | ZB6   |
| Marker cards  | DBE-1 |

#### Accessories

|                          |                      |
|--------------------------|----------------------|
| End cover                | D-PCDK2.5            |
| Grouping Partition plate | TS-KK3               |
| Bridge                   | FBIXX-6              |
| End clamp                | E-WS                 |
| DIN rail                 | NS35/7.5-1000-00A(H) |

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 11010000117 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 14.879      |

