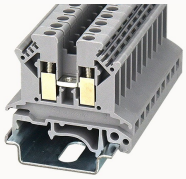
## Overview

### Product information



# PC2.5B-11010000032

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 800 V,Rated current: 24 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm² - 2.5 mm², AWG: 24 - 12, 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 | 2 |
| 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 | 40.8mm |
| NS 35/7,5 Height | 42.05mm |
| NS 35/15 Height | 49.55mm |
| length | 42.5mm |

## Wiring data

| | |
|---|---|
| Strip length | 6~7mm |
| Conductor cross section solid AWG | 24~12 |
| Conductor cross section solid | 0.2~2.5mm² |
| Conductor cross section flexible | 0.2~2.5mm² |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2-2.5mm² |
| 2 flexible conductors with a TWIN ferrule | 0.5-0.75mm² |
| Screw type | Slotted screw |
| screw thread | M3 |
| Tightening torque | 0.5N.m |

## IEC Electrical parameters

| | |
|---|---|
| Rated voltage (III / 3) | 800V |
| Rated current (III / 3) | 24A |
| Rated surge voltage | 8KV |

## UL Electrical parameters

| | |
|---|---|
| Rated voltage | 600V |
| Rated current | 20A |

## Environmental conditions

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

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 | FBIXX-6 |
| Insertion bridge | EB2-6 / EB3-6 / EB10-6 |
| End cover | D-PC1.5 |
| Separating disk | TS-KK3 |
| Partition plate | ATP-PC |

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-PC1.5 |
| Partition plate | ATP-PC |
| Grouping Partition plate | TS-KK3 |
| Bridge | FBIXX-6 |
| End clamp | E-WS |
| DIN rail | NS35/7.5-1000-00A(H) |

Business data

| | |
|---|---|
| Order number | 11010000032 |
| Packing unit | 50 |
| Minimum order quantity | 50 |
| Products weight (without packaging) | 7.101 |