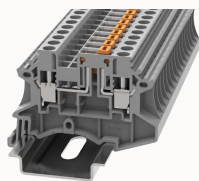


## Overview

### Product information



### DC4-MT-11020000187

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 500 V, Rated current: 20 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.5 mm<sup>2</sup> - 4mm<sup>2</sup>, AWG: 22 - 10, Width: 6.1 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Product advantages

- ☑ Disconnect terminal blocks;
- ☑ Steel screw connection technology, reliable connection;
- ☑ Equipped with dual-channel bridge wells, circuit connection testing is more flexible;
- ☑ Unique plug-in bridge, high circuit connection efficiency;
- ☑ The box has a baffle to prevent mis-insertion;
- ☑ 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            | 6.1mm  |
| End plate width  | 1.5mm  |
| Height           | 40mm   |
| NS 35/7,5 Height | 41.5mm |
| NS 35/15 Height  | 49mm   |
| length           | 56.8mm |

#### Wiring data

|                                                                   |                        |
|-------------------------------------------------------------------|------------------------|
| Strip length                                                      | 8~9mm                  |
| Conductor cross section solid AWG                                 | 22~10                  |
| Conductor cross section solid                                     | 0.5~6mm <sup>2</sup>   |
| Conductor cross section flexible                                  | 0.5~4mm <sup>2</sup>   |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.5~4mm <sup>2</sup>   |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.5~2.5mm <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                                                 | 0.6N.m                 |

#### IEC Electrical parameters

|                         |     |
|-------------------------|-----|
| Rated current (III / 3) | 20A |
|-------------------------|-----|

#### IEC Electrical parameters

|                         |      |
|-------------------------|------|
| Rated voltage (III / 3) | 500V |
|-------------------------|------|

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| Rated surge voltage                       | 6KV                                           |
| UL Electrical parameters                  |                                               |
| Rated voltage                             | 600V                                          |
| Rated current                             | 16A                                           |
| 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

|             |     |
|-------------|-----|
| Marker      |     |
| Top marker  | /   |
| Side marker | ZB6 |

|                |   |
|----------------|---|
| Marker support | / |
|----------------|---|

#### Accessories

|                                                    |          |
|----------------------------------------------------|----------|
| Slotted screwdriver size (Blade thickness x Width) | 0.6×3.5  |
| Bridge                                             | DFA4     |
| End cover                                          | D-DC4-TG |
| Partition plate                                    | /        |

#### 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                           |

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 11020000187 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 9.37        |