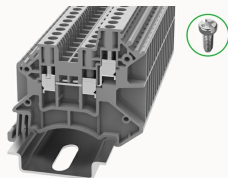


## Overview

### Product information



## DC2.5-TW-02A(H)-11020000222

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 1000 V, Rated current: 24 A, Number of connectors: 3, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.1 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Product advantages

- ☑ 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                     | 3            |
| 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            | 5.1mm  |
| End plate width  | 1.5mm  |
| Height           | 47.7mm |
| NS 35/7,5 Height | 49.2mm |
| NS 35/15 Height  | 56.7mm |
| length           | 50.9mm |

#### Wiring data

|                                                                   |                        |
|-------------------------------------------------------------------|------------------------|
| Strip length                                                      | 8~9mm                  |
| Conductor cross section solid AWG                                 | 28~12                  |
| Conductor cross section solid                                     | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible                                  | 0.2~2.5mm <sup>2</sup> |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2-2.5mm <sup>2</sup> |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.5-1.5mm <sup>2</sup> |
| 2 flexible conductors with a TWIN ferrule                         | 0.5-1mm <sup>2</sup>   |
| Screw type                                                        | Cross & Slotted screw  |
| screw thread                                                      | M2.5                   |
| Tightening torque                                                 | 0.4N.m                 |

#### IEC Electrical parameters

|                         |       |
|-------------------------|-------|
| Rated voltage (III / 3) | 1000V |
| 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°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    | ZB5 / WB5 |
| Marker support | /         |

#### Accessories

|                                                    |            |
|----------------------------------------------------|------------|
| Slotted screwdriver size (Blade thickness x Width) | 0.6×3.5    |
| Bridge                                             | DFA2.5     |
| End cover                                          | D-DC2.5-TW |
| 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                        | 11020000222 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 6.451       |