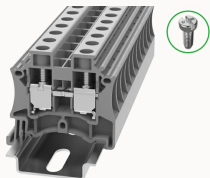


## Overview

### Product information



## DC10-300A(H)-11020000182

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 1000 V, Rated current: 57 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 6, Width: 10 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                     | 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            | 10mm    |
| End plate width  | 1.5mm   |
| Height           | 42mm    |
| NS 35/7,5 Height | 43.5mm  |
| NS 35/15 Height  | 51mm    |
| length           | 44.95mm |

#### Wiring data

|                                                                   |                       |
|-------------------------------------------------------------------|-----------------------|
| Strip length                                                      | 10~12mm               |
| Conductor cross section solid AWG                                 | 20~6                  |
| Conductor cross section solid                                     | 0.5~10mm <sup>2</sup> |
| Conductor cross section flexible                                  | 0.5~10mm <sup>2</sup> |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.5-10mm <sup>2</sup> |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.5-10mm <sup>2</sup> |
| Screw type                                                        | Cross & Slotted screw |
| screw thread                                                      | M4                    |
| Tightening torque                                                 | 1.54N.m               |

#### IEC Electrical parameters

|                         |       |
|-------------------------|-------|
| Rated voltage (III / 3) | 1000V |
| Rated current (III / 3) | 57A   |
| Rated surge voltage     | 8KV   |

#### UL Electrical parameters

|               |      |
|---------------|------|
| Rated voltage | 600V |
|---------------|------|

|               |     |
|---------------|-----|
| Rated current | 65A |
|---------------|-----|

#### 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    | ZB10 |
| Marker support | /    |

##### Accessories

|                                                    |     |
|----------------------------------------------------|-----|
| Slotted screwdriver size (Blade thickness x Width) | 1×4 |
|----------------------------------------------------|-----|

|                 |            |
|-----------------|------------|
| Bridge          | DFAXX-10.2 |
| End cover       | D-DC6      |
| 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                        | 11020000182 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 15.424      |