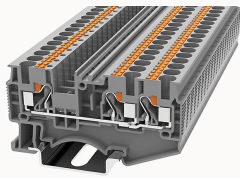


## Overview

### Product information



## DS4-TW-11040000050

Push-in Din-Rail TB, connector method: Push-in connector, Rated voltage : 800 V, Rated current : 32 A, Number of connectors: 3, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS35/7.5, NS35/15

### Product advantages

- ☑ Push-in connection technology, tool-free operation, more convenient and faster;
- ☑ With orange wire button, one word or cross screwdriver can release wire.
- ☑ Equipped with dual-channel bridge wells, circuit connection testing is more flexible.
- ☑ Unique plug-in bridge, high circuit connection efficiency.
- ☑ Optional marker to avoid wire mis-inserting.
- ☑ Equipped with test holes for easy testing of the circuit.

### Product certification



## Technical data

### Product drawing

### 3D model

□

### UL Electrical parameters

|               |      |
|---------------|------|
| Rated voltage | 600V |
| Rated current | 30A  |

### Wiring data

|   |                      |
|---|----------------------|
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2-4mm <sup>2</sup> |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.2-4mm <sup>2</sup> |
| 2 flexible conductors with a TWIN ferrule                         | 0.5-1mm <sup>2</sup> |

|                                   |                      |
|-----------------------------------|----------------------|
| Strip length                      | 10~12mm              |
| Conductor cross section solid     | 0.2~6mm <sup>2</sup> |
| Conductor cross section flexible  | 0.2~4mm <sup>2</sup> |
| Conductor cross section solid AWG | 24~10                |

#### Environmental conditions

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

#### IEC Electrical parameters

|                         |      |
|-------------------------|------|
| Rated voltage (III / 3) | 800V |
| Rated current (III / 3) | 32A  |
| Rated surge voltage     | 8KV  |

#### Safety test

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

#### Mechanical performance test

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

#### Environmental protection

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

#### Electrical performance test

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

#### Dimension

|                  |        |
|------------------|--------|
| Height           | 29.3mm |
| NS 35/7,5 Height | 36.8mm |
| End plate width  | 2.2mm  |
| NS 35/15 Height  | 44.3mm |
| length           | 66.5mm |
| width            | 6.2mm  |

#### Overview

|   |                    |
|---|--------------------|
| Insulating material group                 | I                  |
| standard test                             | IEC60947-7-1       |
| Connection type                           | In line connection |
| 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                 |

#### Accessories

##### Marker

|                |                        |
|----------------|------------------------|
| Top marker     | ZB6 / ZS6              |
| Side marker    | ZSF6                   |
| Marker support | DTH5-25x5 / DTH5-25x12 |

##### Accessories

|   |           |
|---|-----------|
| Slotted screwdriver size (Blade thickness x Width) mm | 0.6x3.5   |
| Bridge  | DFBXX-6.2 |
| End cover   | D-DS4-TW  |

**Installation**

|                               |                                       |
|-------------------------------|---------------------------------------|
| End clamp                     | E-WS N / E-PC-1100A                   |
| Terminal strip marker support | KLM3-20x8 / KLM3-44x8 / DBE-1 / DBE-2 |
| DIN rail                      | NS35/7.5-1000-00A(H)                  |

**Business data**

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 11040000050 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 9.754       |