

## Overview

### Product information



### DS1.5-TW-11040000077

Push-in Din-Rail TB, connector method: Push-in connector, Rated voltage : 500 V, Rated current : 17.5 A, Number of connectors: 3, Number of potentials: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, Width: 3.5 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 | 300V |
| Rated current | 15A  |

### Wiring data

|                                                                   |                         |
|-------------------------------------------------------------------|-------------------------|
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.14-1.5mm <sup>2</sup> |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.14-0.5mm <sup>2</sup> |

|                                           |                          |
|-------------------------------------------|--------------------------|
| 2 flexible conductors with a TWIN ferrule | /                        |
| Strip length                              | 8~10mm                   |
| Conductor cross section solid             | 0.14~1.5mm <sup>2</sup>  |
| Conductor cross section flexible          | 0.14~1.5 mm <sup>2</sup> |
| Conductor cross section solid AWG         | 26~14                    |

#### Environmental conditions

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

#### IEC Electrical parameters

|                         |       |
|-------------------------|-------|
| Rated voltage (III / 3) | 500V  |
| Rated current (III / 3) | 17.5A |
| Rated surge voltage     | 6KV   |

#### 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           | 24.6mm |
| NS 35/7,5 Height | 32.1mm |
| End plate width  | 1.5mm  |
| NS 35/15 Height  | 39.6mm |
| length           | 54mm   |
| width            | 3.5mm  |

## 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     | ZB3.5 / ZS3.5                |
| Side marker    | ZSF3.5                       |
| Marker support | DTH3.5-25x3.5 / DTH3.5-25x12 |

### Accessories

|                                                       |           |
|-------------------------------------------------------|-----------|
| Slotted screwdriver size (Blade thickness x Width) mm | 0.4x2.5   |
| Bridge                                                | DFBXX-3.5 |

|           |            |
|-----------|------------|
| End cover | D-DS1.5-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                        | 11040000077 |
| Packing unit                        | 100         |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | 4.043       |