

## Overview

## Product information

**WS1.5-SD-11030000071**

Spring-cage type Din-Rail TB, connector method: Spring-cage/plug-in connector, Rated voltage: 800 V, Rated current: 18 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 28 - 16, Width: 4 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

## Product advantages

- ✓ spring-cage connection technology, good anti-vibration performance;
- ✓ Use an ordinary flat-blade screwdriver, you can easily wire and take the wire;
- ✓ Unique plug-in bridge, high circuit connection efficiency;
- ✓ Can be matched with marker strips to avoid incorrect insertion of wires.

## Product certification



## Technical data

## Product drawing

## 3D model



## Overview

|                                           |                        |
|-------------------------------------------|------------------------|
| Connection method                         | spring-cage connection |
| 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 |
|---------------|--------------|

#### Dimension

|                  |         |
|------------------|---------|
| width            | 4mm     |
| End plate width  | 2.2mm   |
| Height           | 35.00mm |
| NS 35/7,5 Height | 38mm    |
| NS 35/15 Height  | 45.5mm  |
| length           | 42.5mm  |

#### Wiring data

|                                           |                        |
|-------------------------------------------|------------------------|
| Strip length                              | 8~9mm                  |
| Conductor cross section solid AWG         | 28~16                  |
| Conductor cross section solid             | 0.2~1.5mm <sup>2</sup> |
| Conductor cross section flexible          | 0.2~1.5mm <sup>2</sup> |
| 2 flexible conductors with a TWIN ferrule | 0.5mm <sup>2</sup>     |

#### IEC Electrical parameters

|                         |      |
|-------------------------|------|
| Rated voltage (III / 3) | 800V |
| Rated current (III / 3) | 18A  |
| Rated surge voltage     | 8KV  |

#### UL Electrical parameters

|               |      |
|---------------|------|
| Rated voltage | 600V |
| Rated current | 10A  |

#### 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    | ZB4 / WB4 |
| Marker support | /         |
| Warning cover  | EEA1.5    |

Accessories

|                                                    |            |
|----------------------------------------------------|------------|
| Slotted screwdriver size (Blade thickness x Width) | 0.4×2.5    |
| Adjacent jumper (2P)                               | WFA1.5     |
| Alternate jumper (2P)                              | WFB1.5     |
| Staggered jumper (2P)                              | /          |
| End cover                                          | D-WS1.5-SD |

#### 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)                  |

#### Marking & Installation

|               |       |
|---------------|-------|
| Marking strip | ZB4   |
| Marker cards  | DBE-1 |

#### Accessories

|           |                      |
|-----------|----------------------|
| End cover | D-WS1.5-SD           |
| Bridge    | WFA1.5               |
| End clamp | E-WS                 |
| DIN rail  | NS35/7.5-1000-00A(H) |

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 11030000071 |
| Packing unit                        | 100         |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | 3.202       |