

Overview

Product information



WS2.5-SD-11030000195

Spring-cage type Din-Rail TB, connector method: Spring-cage/plug-in connector, Rated voltage: 800 V, Rated current: 24 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm² - 2.5 mm², AWG: 28 - 12, Width: 5 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 | 5mm |
| End plate width | 2.5mm |
| 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 | 28~12 |
| Conductor cross section solid | 0.2~2.5mm ² |
| Conductor cross section flexible | 0.2~2.5mm ² |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2-2.5mm ² |
| 2 flexible conductors with a TWIN ferrule | 0.5mm ² |

IEC Electrical parameters

| | |
|-------------------------|------|
| Rated voltage (III / 3) | 800V |
| Rated current (III / 3) | 24A |
| Rated surge voltage | 8KV |

UL Electrical parameters

| | |
|---------------|------|
| Rated voltage | 600V |
| Rated current | 15A |

Environmental conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -40 °C ~ 105 °C (depending on derating curve) |
|---------------------------------|---|

| | |
|---|----------|
| Relative humidity (storage/transport) | 25%~75% |
| Ambient temperature (storage / transport) | -25℃~60℃ |

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 | / |
| Warning cover | EEA2.5 |

Accessories

| | |
|--|---------|
| Slotted screwdriver size (Blade thickness x Width) | 0.5×3.5 |
| Adjacent jumper (2P) | WFA2.5 |
| Alternate jumper (2P) | WFB2.5 |

| | |
|-----------------------|---|
| Staggered jumper (2P) | WFC2.5-2 WFC2.5-3 WFC2.5-4 WFC2.5-5 WFC2.5-6 WFC2.5-7 WFC2.5-8 |
| End cover | D-WS2.5-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 | ZB5 |
| Marker cards | DBE-1 |

Accessories

| | |
|-----------|----------------------|
| End cover | D-WS2.5-SD |
| Bridge | WFA2.5 |
| End clamp | E-WS |
| DIN rail | NS35/7.5-1000-00A(H) |

Business data

| | |
|-------------------------------------|-------------|
| Order number | 11030000195 |
| Packing unit | 100 |
| Minimum order quantity | 100 |
| Products weight (without packaging) | 4.121 |