

## Overview

### Product information



## WS4-QU-11030000292

Spring-cage type Din-Rail TB, connector method: Spring-cage/plug-in connector, Rated voltage: 800 V, Rated current: 32 A, Number of connectors: 4, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 6 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                     | 4                      |
| 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            | 6mm     |
| End plate width  | 2.5mm   |
| Height           | 33mm    |
| NS 35/7,5 Height | 36.45mm |
| NS 35/15 Height  | 43.95mm |
| length           | 86.2mm  |

#### Wiring data

|   |                        |
|---|------------------------|
| Strip length  | 10~12mm                |
| Conductor cross section solid AWG                                 | 28~12                  |
| Conductor cross section solid                                     | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible                                  | 0.2~4mm <sup>2</sup>   |
| Conductor cross section flexible (ferrule without plastic sleeve) | 0.2-2.5mm <sup>2</sup> |
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.2-2.5mm <sup>2</sup> |
| 2 flexible conductors with a TWIN ferrule                         | 0.5-1mm <sup>2</sup>   |

#### IEC Electrical parameters

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

#### UL Electrical parameters

|               |      |
|---------------|------|
| Rated voltage | 600V |
| Rated current | 20A  |

#### 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     | ZB6 / WB5              |
| Side marker    | DEK6                   |
| Marker support | DTH5-25×5 / DTH5-25×12 |
| Warning cover  | EEA4                   |

#### Accessories

|  |         |
|--|---------|
| Slotted screwdriver size (Blade thickness x Width) | 0.5×3.5 |
| Adjacent jumper (2P)                               | WFA4    |

|                       |          |
|-----------------------|----------|
| Alternate jumper (2P) | WFB4     |
| Staggered jumper (2P) | /        |
| End cover             | D-WS4-QU |

#### 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 | ZB6   |
| Marker cards  | DBE-1 |

#### Accessories

|           |                      |
|-----------|----------------------|
| End cover | D-WS4-QU             |
| Bridge    | WFA4                 |
| End clamp | E-WS                 |
| DIN rail  | NS35/7.5-1000-00A(H) |

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 11030000292 |
| Packing unit                        | 50          |
| Minimum order quantity              | 50          |
| Products weight (without packaging) | 13.179      |