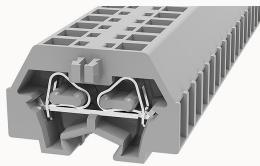


## Overview

## Product information

**WS1.5-DB-100A(H)-11030000044**

Spring-cage type Din-Rail TB, connector method: Spring-cage/plug-in connector, Rated voltage: 800 V, Rated current: 17.5 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: 5 mm, Color: gray, Mounting type: Panel installation

## Product advantages

- ✓ spring-cage connection technology, good anti-vibration performance;
- ✓ Use an ordinary flat-blade screwdriver, you can easily wire and take the wire;
- ✓ Panel installation, no need to install on the guide rail.

## 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                                    | 17mm                                          |
| length                                    | 25mm                                          |
| 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)                   | 17.5A                                         |
| Rated surge voltage                       | 8KV                                           |
| UL Electrical parameters                  |                                               |
| Rated voltage                             | 300V                                          |
| 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    | / |
| Marker support | / |
| Warning cover  | / |

### Accessories

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

### Installation

|                           |                     |
|---------------------------|---------------------|
| DIN rail mounting adapter | WHH-WS1.5-DB        |
| 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                        | 11030000044 |
| Packing unit                        | 100         |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | 1.637       |