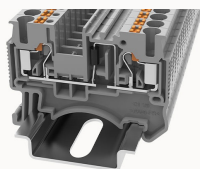


## Overview

### Product information



### DS2.5-LD L-R-11040000232

Diode terminal blocks, connector method: Push-in connector, Backward voltage: 1300 V, Rated voltage : 800 V, Rated current : 1 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS35/7.5, NS35/15

### Product advantages

- ☑ Diode terminal blocks.
- ☑ 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.
- ☑ 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

□

### IEC Electrical parameters

Rated current(III/3)

1A

### UL Electrical parameters

Rated voltage

300V

Rated current

1A

### Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)

0.14-2.5mm<sup>2</sup>

|                                                                |                          |
|----------------------------------------------------------------|--------------------------|
| Conductor cross section flexible (ferrule with plastic sleeve) | 0.14-2.5mm <sup>2</sup>  |
| 2 flexible conductors with a TWIN ferrule                      | 0.5mm <sup>2</sup>       |
| Strip length                                                   | 10~12mm                  |
| Conductor cross section solid                                  | 0.14~4mm <sup>2</sup>    |
| Conductor cross section flexible                               | 0.14~2.5 mm <sup>2</sup> |
| Conductor cross section solid AWG                              | 26~12                    |

#### Environmental conditions

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

#### IEC Electrical parameters

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

#### 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           | 29.3mm |
| NS 35/7,5 Height | 36.8mm |
| End plate width  | 1.5mm  |
| NS 35/15 Height  | 44.3mm |
| length           | 48.6mm |
| width            | 5.2mm  |

#### Overview

|                                           |                    |
|-------------------------------------------|--------------------|
| Insulating material group                 | I                  |
| standard test                             | IEC60947-7-1       |
| Connection type                           | In line 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                 |

#### Accessories

##### Marker

|                |                        |
|----------------|------------------------|
| Top marker     | ZB5 / ZS5              |
| Side marker    | ZSF5                   |
| Marker support | DTH5-25x5 / DTH5-25x12 |

##### Accessories

|                                                       |         |
|-------------------------------------------------------|---------|
| Slotted screwdriver size (Blade thickness x Width) mm | 0.6x3.5 |
|-------------------------------------------------------|---------|

|           |           |
|-----------|-----------|
| Bridge    | DFBXX-5.2 |
| End cover | D-DS2.5   |

#### 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                        | 11040000232 |
| Packing unit                        | 100         |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | 5.58        |