

Mini feed-through terminal block - MSDBV 2,5 YE - 3073160

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Mini feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 10.4 mm, Height: 22 mm, Color: yellow, Mounting type: NS 15

The figure shows a version of the article

Product Features

- For mounting on NS 15 ... DIN rail
- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear arrangement thanks to marking of all terminal points
- Easy potential distribution thanks to standardized plug-in bridges



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 1.0 GRM |
| Custom tariff number | 85369010 |
| Country of origin | China |

Technical data

General

| | |
|---|--------|
| Number of levels | 1 |
| Number of connections | 4 |
| Color | yellow |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |

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Technical data

General

| | |
|--|---|
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current (lower level) | 30 A (with 4 mm ² conductor cross section) |
| Nominal current I _N (lower level) | 24 A |
| Nominal voltage U _N | 800 V |
| Maximum load current (upper level) | 30 A (with 4 mm ² conductor cross section) |
| Open side panel | JA |

Dimensions

| | |
|--------------|---------|
| Width | 10.4 mm |
| Length | 32 mm |
| Height | 22 mm |
| Height NS 15 | 30 mm |

Connection data

| | |
|---|------------------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Spring-cage connection |
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 12 |
| Conductor cross section stranded min. | 0.08 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Min. AWG conductor cross section, stranded | 28 |
| Max. AWG conductor cross section, stranded | 14 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Stripping length | 8 mm |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| ETIM 4.0 | EC000902 |
| ETIM 5.0 | EC000897 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / VDE Zeichengenehmigung / IECB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

| | | B | C | D |
|----------------------------|-------|-------|-------|-------|
| mm ² /AWG/kcmil | 28-12 | 28-12 | 28-12 | 28-12 |
| Nominal current IN | 20 A | 20 A | 20 A | 5 A |
| Nominal voltage UN | 600 V | 300 V | 300 V | 600 V |

cUL Recognized

| | | B | C | D |
|----------------------------|-------|-------|-------|-------|
| mm ² /AWG/kcmil | 28-12 | 28-12 | 28-12 | 28-12 |
| Nominal current IN | 20 A | 20 A | 20 A | 5 A |
| Nominal voltage UN | 600 V | 300 V | 300 V | 600 V |

CSA

| | B | C | D |
|----------------------------|-------|-------|-------|
| mm ² /AWG/kcmil | 28-12 | 28-12 | 28-12 |
| Nominal current IN | 20 A | 20 A | 20 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

VDE Zeichengenehmigung

| | |
|----------------------------|---------|
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 800 V |

IECEE CB Scheme

| | |
|----------------------------|---------|
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal voltage UN | 800 V |

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Approvals



Drawings

Circuit diagram

