

Mini feed-through terminal block - MSB 2,5-RZ BU - 3244177

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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: 5.2 mm, Height: 22 mm, Color: blue, Mounting type: On mounting plate



The figure shows a version of the article

Product Features

- Can be freely combined with MS(D)B 2,5-M middle terminal blocks
- Space saving, thanks to the compact design and mounting option directly on the mounting plate
- Clear arrangement thanks to marking of all terminal points



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 0.2 g |
| Custom tariff number | 85369010 |
| Country of origin | China |

Technical data

General

| | |
|--|---------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 2.5 mm ² |
| Color | blue |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |

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Technical data

General

| | |
|----------------------------------|---|
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 30 A (with 4 mm ² conductor cross section) |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 800 V |
| Open side panel | Yes |

Dimensions

| | |
|--------------------|-------------------|
| Width | 5.2 mm |
| End cover width | 4 mm |
| Length | 32 mm |
| Height | 22 mm |
| Hole diameter | 3.5 mm |
| Drill hole spacing | 5.20 mm |
| Plate thickness | 0.6 mm ... 1.5 mm |

Connection data

| | |
|---|------------------------|
| Connection method | Spring-cage connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 28 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, 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 |
| Connection in acc. with standard | IEC/EN 60079-7 |
| Stripping length | 8 mm |
| Internal cylindrical gage | A3 |

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Technical data

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| 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 |
| eCl@ss 9.0 | 27141120 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| 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 / IEC60947-7-1 / EAC / cULus Recognized

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Approvals


Ex Approvals


ATEX / IECEx / EAC Ex


Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |


| | | |
|---|-------|-------|
| CSA  | | |
| | B | C |
| mm ² /AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |

| | |
|--|---------|
| VDE Zeichengenehmigung  | |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current I _N | 24 A |


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Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 800 V |
|--------------------|-------|

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 2.5 |
| Nominal current I _N | 24 A |
| Nominal voltage UN | 800 V |

| |
|-----|
| EAC |
|-----|

| |
|--|
| cULus Recognized  |
|--|

Drawings

Circuit diagram

