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Feed-through terminal block - ST 1,5 BU - 3031089

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 1.5 mm², AWG: 28 - 16, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 1,5 in gray

Why buy this product

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- As well as saving space, the compact design and front connection enable user-friendly wiring in a small amount of space
- The large wiring space enables the use of conductors with ferrules and plastic collars within the nominal cross section
- Tested for railway applications



Key Commercial Data

| | |
|--------------|-----------------|
| Packing unit | 50 STK |
| GTIN | 4 017918 186630 |

Technical data

General

| | |
|--|------------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 1.5 mm ² |
| Color | blue |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Mechanical engineering |
| | Plant engineering |
| | Process industry |
| Rated surge voltage | 6 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 | 17.5 A (with 1.5 mm ² conductor cross section) |
| Nominal current I _N | 17.5 A |
| Nominal voltage U _N | 500 V |
| Open side panel | Yes |

Dimensions

| | |
|------------------|---------|
| Width | 4.2 mm |
| End cover width | 2.2 mm |
| Length | 48.5 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15 | 44 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. | 1.5 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 16 |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 28 |
| Max. AWG conductor cross section, flexible | 16 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 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. | 1.5 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 |
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 16 |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Stripping length | 10 mm |
| Internal cylindrical gage | A1 |

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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 | 27141121 |
| eCl@ss 4.1 | 27141121 |
| 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 | EC000897 |
| 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

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / BV / KR / NK / IECCEB Scheme / EAC / EAC / RS / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

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Approvals

Approvals submitted

Approval details

CSA

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A |
| Nominal voltage U _N | 300 V | 300 V |

UL Recognized

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A |
| Nominal voltage U _N | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | |
|--------------------------------|--------|
| mm ² /AWG/kcmil | 1.5 |
| Nominal current I _N | 17.5 A |
| Nominal voltage U _N | 500 V |

cUL Recognized

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A |
| Nominal voltage U _N | 300 V | 300 V |

LR


BV

KR

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Approvals

NK

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage UN | 500 V |

EAC

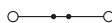
EAC

RS

cULus Recognized 

Drawings

Circuit diagram



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