

Feed-through terminal block - PT 2,5 WH - 3209514

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Feed-through terminal block, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Color: white, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 7.2 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|--|------------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 2.5 mm ² |
| Color | white |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Mechanical engineering |

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Technical data

General

| | |
|----------------------------------|---|
| | Plant engineering |
| | Process industry |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 28 A (with 4 mm ² conductor cross section) |
| Nominal current I _N | 24 A (at 2.5 mm ²) |
| Nominal voltage U _N | 800 V |
| Open side panel | ja |
| Number of positions | 1 |

Dimensions

| | |
|------------------|---------|
| Width | 5.2 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 | Push-in connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| 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 |
| Conductor cross section solid min. | 0.14 mm ² |

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Technical data

Connection data

| | |
|---------------------------------------|----------------------|
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A3 |

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 | 0 |
| 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 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 |

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Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GL / RS / ABS / VDE Zeichengenehmigung / IECEx CB Scheme / EAC / NK / cULus Recognized

Ex Approvals

ATEX / IECEx / EAC Ex

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| CSA | | |
| | B | C |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 600 V | 600 V |


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Approvals


GL

RS

ABS

VDE Zeichengenehmigung 

| | |
|--------------------------------|---------|
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 800 V |

IECEE CB Scheme 

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

EAC

NK

cULus Recognized 

Drawings

Circuit diagram

