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## Feed-through terminal block - PT 4/1P BU - 3212007

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Feed-through terminal block, Connection method: Push-in / plug connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- 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
- Tested for railway applications

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 STK  |
| GTIN         | <br>4 046356 482899 |

### Technical data

#### General

|  |   |
|--|---|
| Number of levels                       | 1   |
| Number of connections                  | 2   |
| Nominal cross section                  | 4 mm <sup>2</sup>                                     |
| Color                                  | blue  |
| Insulating material                    | PA  |
| Flammability rating according to UL 94 | V0  |
| Area of application                    | Railway industry                                      |
|  | Mechanical engineering                                |
|  | Plant engineering                                     |
| Rated surge voltage                    | 8 kV  |
| Degree of pollution                    | 3   |
| Overvoltage category                   | III   |
| Insulating material group              | I   |
| Connection in acc. with standard       | IEC 61984   |
| Maximum load current                   | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub>         | 32 A  |

# Feed-through terminal block - PT 4/1P BU - 3212007

## Technical data

### General

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 800 V |
| Open side panel       | Yes   |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 56 mm   |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15  | 44 mm   |

### Connection data

|   |                           |
|---|---------------------------|
| Connection method   | Push-in / plug connection |
| Connection in acc. with standard  | IEC 61984                 |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>       |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>         |
| Conductor cross section AWG min.  | 24                        |
| Conductor cross section AWG max.  | 10                        |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>       |
| Conductor cross section flexible max.   | 4 mm <sup>2</sup>         |
| Min. AWG conductor cross section, flexible  | 24                        |
| Max. AWG conductor cross section, flexible  | 12                        |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>      |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>         |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>      |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>         |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>       |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>         |
| Stripping length  | 10 mm ... 12 mm           |
| Internal cylindrical gage   | A4                        |

### Standards and Regulations

|  |           |
|--|-----------|
| Connection in acc. with standard       | CSA       |
|  | IEC 61984 |
| Flammability rating according to UL 94 | V0        |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141120 |
| eCl@ss 9.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| 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 / LR / EAC / BV / cULus Recognized

##### Ex Approvals


##### Approvals submitted

#### Approval details

|   |       |       |
|---|-------|-------|
| UL Recognized  |       |       |
|   | B     | C     |
| mm²/AWG/kcmil   | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>  | 28 A  | 28 A  |
| Nominal voltage U <sub>N</sub>  | 600 V | 600 V |

## Feed-through terminal block - PT 4/1P BU - 3212007


### Approvals

|  |       |       |
|--|-------|-------|
| cUL Recognized  |       |       |
|  | B     | C     |
| mm <sup>2</sup> /AWG/kcmil   | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>   | 28 A  | 28 A  |
| Nominal voltage U <sub>N</sub>   | 600 V | 600 V |

LR

EAC

BV

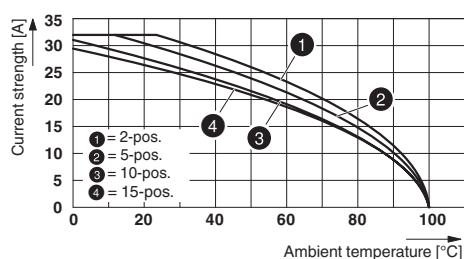
cULus Recognized 

### Drawings

Circuit diagram



Diagram



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