

## Feed-through terminal block - UT 4-TWIN YE - 3044366

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 26 - 10, Width: 6.2 mm, Color: yellow, Mounting type: NS 35/7,5, NS 35/15

The figure shows the product in gray

### Why buy this product

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- User-friendly implementation of all potential branching tasks
- Tested for railway applications



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 STK                                                                                                  |
| GTIN                                 | <br>4 046356 751346 |
| Weight per Piece (excluding packing) | 13.148 g                                                                                                |
| Weight per piece (including packing) | 13.988 g                                                                                                |
| Country of origin                    | Germany                                                                                                 |
| Note                                 | Made to Order (non-returnable)                                                                          |

### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 3                 |
| Potentials                             | 1                 |
| Nominal cross section                  | 4 mm <sup>2</sup> |
| Color                                  | yellow            |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Area of application                    | Railway industry  |

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## Technical data

### General

|                                |                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                | Machine building                                                                                                                                                  |
|                                | Plant engineering                                                                                                                                                 |
|                                | Process industry                                                                                                                                                  |
| Rated surge voltage            | 6 kV                                                                                                                                                              |
| Degree of pollution            | 3                                                                                                                                                                 |
| Overvoltage category           | III                                                                                                                                                               |
| Insulating material group      | I                                                                                                                                                                 |
| Maximum load current           | 41 A (In the case of a 6 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal current I <sub>N</sub> | 32 A                                                                                                                                                              |
| Nominal voltage U <sub>N</sub> | 500 V                                                                                                                                                             |
| Open side panel                | Yes                                                                                                                                                               |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 57.8 mm |
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method                                                                       | Screw connection     |
| Connection in acc. with standard                                                        | IEC 60947-7-1        |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 10                   |
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 6 mm <sup>2</sup>    |
| Min. AWG conductor cross section, flexible                                              | 26                   |
| Max. AWG conductor cross section, flexible                                              | 10                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 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.                 | 0.14 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, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |

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## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Connection in acc. with standard                                                        | IEC/EN 60079-7       |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 10                   |
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 4 mm <sup>2</sup>    |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |

### 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 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211811 |
|-------------|----------|

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex

#### Approvals submitted

### Approval details

|                                                                                         |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                         | B     | C     |
| mm²/AWG/kcmil                                                                           | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                          | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                          | 150 V | 150 V |

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                   |       |
| mm²/AWG/kcmil                                                                                     | 26-10 |
| Nominal current I <sub>N</sub>                                                                    | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 150 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                    |       |
| mm²/AWG/kcmil                                                                                      | 26-10 |

## Feed-through terminal block - UT 4-TWIN YE - 3044366

### Approvals

|                                |       |
|--------------------------------|-------|
|                                |       |
| Nominal current I <sub>N</sub> | 30 A  |
| Nominal voltage U <sub>N</sub> | 150 V |

|    |
|----|
| GL |
|----|

|    |
|----|
| RS |
|----|

|    |
|----|
| LR |
|----|

|                                                                                                          |          |
|----------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung  |          |
|                                                                                                          |          |
| mm <sup>2</sup> /AWG/kcmil                                                                               | 0.14-6.0 |
| Nominal current I <sub>N</sub>                                                                           | 32 A     |
| Nominal voltage U <sub>N</sub>                                                                           | 500 V    |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
|                                                                                                     |       |
| Nominal voltage U <sub>N</sub>                                                                      | 500 V |

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

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

### Drawings

Circuit diagram



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