

## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ These versions can be used as compact potential distributors
- ✓ Tested for railway applications



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356055444 |

### Technical data

#### General

|                                         |                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------|
| Note                                    | The max. load current must not be exceeded by the total current of all connected conductors. |
| Number of levels                        | 1                                                                                            |
| Number of connections                   | 4                                                                                            |
| Color                                   | blue                                                                                         |
| Insulating material                     | PA                                                                                           |
| Inflammability class according to UL 94 | V0                                                                                           |
| Area of application                     | Railway industry                                                                             |
| Area of application                     | Mechanical engineering                                                                       |
| Area of application                     | Plant engineering                                                                            |
| Area of application                     | Process industry                                                                             |

#### General

|                           |                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum load current      | 30 A (In case of a 4 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.) |
| Rated surge voltage       | 6 kV                                                                                                                                                           |
| Pollution degree          | 3                                                                                                                                                              |
| Surge voltage category    | III                                                                                                                                                            |
| Insulating material group | I                                                                                                                                                              |

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## Technical data

### General

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 24 A          |
| Nominal voltage $U_N$            | 500 V         |
| Open side panel                  | ja            |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 65.4 mm |
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 26                   |
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| Conductor cross section stranded min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded                                              | 26                   |
| Max. AWG conductor cross section, stranded                                              | 12                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 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>  |
| 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 method                                                                       | Screw connection     |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A3                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.5 Nm               |

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## Technical data

### Connection data

|                              |        |
|------------------------------|--------|
| <b>Tightening torque max</b> | 0.6 Nm |
|------------------------------|--------|

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27141120 |
| <b>eCl@ss 4.1</b> | 27141120 |
| <b>eCl@ss 5.0</b> | 27141120 |
| <b>eCl@ss 5.1</b> | 27141120 |
| <b>eCl@ss 6.0</b> | 27141120 |
| <b>eCl@ss 7.0</b> | 27141120 |
| <b>eCl@ss 8.0</b> | 27141120 |

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC000901 |
| <b>ETIM 3.0</b> | EC000901 |
| <b>ETIM 4.0</b> | EC000901 |
| <b>ETIM 5.0</b> | EC000897 |

### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30211811 |
| <b>UNSPSC 7.0901</b> | 39121410 |
| <b>UNSPSC 11</b>     | 39121410 |
| <b>UNSPSC 12.01</b>  | 39121410 |
| <b>UNSPSC 13.2</b>   | 39121410 |

## approvals

IECEX / ATEX / CSA / UL Recognized / cUL Recognized / GL / cULus Recognized /

### Approval details

| <b>IECEX</b>       |          |
|--------------------|----------|
| Nominal voltage UN | 352 V    |
| Nominal current IN | 21 A     |
| mm²/AWG/kcmil      | 0.14-2.5 |

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| <b>ATEX</b>  |       |
| Nominal voltage UN                                                                              | 352 V |

## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### approvals

|                                |        |
|--------------------------------|--------|
|                                |        |
| Nominal current I <sub>N</sub> | 25 A   |
| mm <sup>2</sup> /AWG/kcmil     | 0.14-4 |

| <b>CSA</b>  |       |       |
|----------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                    | B     | C     |
| Nominal voltage U <sub>N</sub>                                                               | 150 V | 150 V |
| Nominal current I <sub>N</sub>                                                               | 20 A  | 20 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                   | 26-12 | 26-12 |

|                                                                                                        |       |
|--------------------------------------------------------------------------------------------------------|-------|
| <b>UL Recognized</b>  |       |
|                                                                                                        |       |
| Nominal voltage U <sub>N</sub>                                                                         | 150 V |
| Nominal current I <sub>N</sub>                                                                         | 20 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                             | 26-12 |

|                                                                                                           |       |
|-----------------------------------------------------------------------------------------------------------|-------|
| <b>cUL Recognized</b>  |       |
|                                                                                                           |       |
| Nominal voltage U <sub>N</sub>                                                                            | 150 V |
| Nominal current I <sub>N</sub>                                                                            | 20 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                                | 26-12 |

|           |
|-----------|
| <b>GL</b> |
|-----------|

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>cULus Recognized</b>  <b>us</b> |
|-----------------------------------------------------------------------------------------------------------------------|

### accessories

#### Partition plate

ATP-UT-QUATTRO - 3047196



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

accessories

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### Test plug terminal block

PS-5/2,3MM RD - 3038723



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MPS-MT - 0201744



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PAI-4-FIX-5/6 BU - 3035975



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PAI-4-FIX-5/6 OG - 3035974



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PAI-4-FIX-5/6 YE - 3035977



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

PAI-4-FIX-5/6 RD - 3035976



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PAI-4-FIX-5/6 GN - 3035978



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PAI-4-FIX-5/6 BK - 3035980



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PAI-4-FIX-5/6 GY - 3035982



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PAI-4-FIX-5/6 VT - 3035979



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PAI-4-FIX-5/6 BN - 3035981



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

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PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Screwdriver tools

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SZS 0,6X3,5 - 1205053



### End cover

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DS-UT 2,5/4 - 3047109



D-UT 2,5/4-QUATTRO - 3047170



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

DP PS-5 - 3036725



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### Marker pen

X-PEN 0,35 - 0811228



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### Warning label printed

WS UT 2,5 - 3047923



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### Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174





## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

FBS 4-5 - 3030187



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FBS 5-5 - 3030190



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FBS 10-5 - 3030213



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FBS 20-5 - 3030226



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FBS 50-5 - 3038930



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### Mounting rail

## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



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accessories

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NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



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NS 35/ 7,5 CU UNPERF 2000MM - 0801762



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NS 35/ 7,5 CAP - 1206560



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NS 35/15 PERF 2000MM - 1201730



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NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

NS 35/15 WH PERF 2000MM - 0806602



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NS 35/15 WH UNPERF 2000MM - 1204135



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NS 35/15 AL UNPERF 2000MM - 1201756



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NS 35/15 ZN PERF 2000MM - 1206599



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NS 35/15 ZN UNPERF 2000MM - 1206586



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NS 35/15 CU UNPERF 2000MM - 1201895



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

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NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



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### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



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### Labeled terminal marker

## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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### Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### End block

## Feed-through terminal block - UT 2,5-QUATTRO BU - 3044555

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



### Drawings

Circuit diagram



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