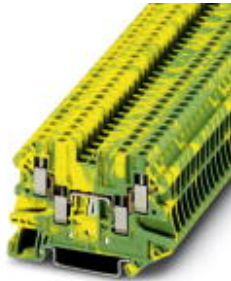


## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

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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: green-yellow, 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             | 4046356055451 |

### Technical data

#### General

|                                         |                        |
|-----------------------------------------|------------------------|
| Number of levels                        | 1                      |
| Number of connections                   | 4                      |
| Color                                   | green-yellow           |
| 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

|                                                  |                                                     |
|--------------------------------------------------|-----------------------------------------------------|
| Rated surge voltage                              | 6 kV                                                |
| Pollution degree                                 | 3                                                   |
| Surge voltage category                           | III                                                 |
| Insulating material group                        | I                                                   |
| Connection in acc. with standard                 | IEC 60947-7-2                                       |
| Open side panel                                  | ja                                                  |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03                 |
| Test spectrum                                    | Service life test category 1, class B, body mounted |

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## Technical data

### General

|                                                                       |                                                |
|-----------------------------------------------------------------------|------------------------------------------------|
| Test frequency                                                        | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |
| ASD level                                                             | 0.02 g <sup>2</sup> /Hz                        |
| Acceleration                                                          | 0.8 g                                          |
| Test duration per axis                                                | 5 h                                            |
| Test directions                                                       | X-, Y- and Z-axis                              |
| Oscillation, broadband noise test result                              | Test passed                                    |
| Shock form                                                            | Half-sine                                      |
| Acceleration                                                          | 5 g                                            |
| Shock duration                                                        | 30 ms                                          |
| Number of shocks per direction                                        | 3                                              |
| Test directions                                                       | X-, Y- and Z-axis (pos. and neg.)              |
| Shock test result                                                     | Test passed                                    |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 120 °C                                         |

### 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>  |

# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

## 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 method                                                                       | Screw connection     |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A3                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.5 Nm               |
| Tightening torque max                                                                   | 0.6 Nm               |

## 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 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## approvals

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

## Approval details

## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### approvals

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

|                                                                                               |        |
|-----------------------------------------------------------------------------------------------|--------|
| <b>ATEX</b>  |        |
|                                                                                               |        |
| Nominal voltage UN                                                                            |        |
| Nominal current IN                                                                            |        |
| mm²/AWG/kcmil                                                                                 | 0.14-4 |

|                                                                                                         |       |
|---------------------------------------------------------------------------------------------------------|-------|
| <b>UL Recognized</b>  |       |
|                                                                                                         |       |
| Nominal voltage UN                                                                                      |       |
| Nominal current IN                                                                                      |       |
| mm²/AWG/kcmil                                                                                           | 26-12 |

|                                                                                                           |       |
|-----------------------------------------------------------------------------------------------------------|-------|
| <b>cUL Recognized</b>  |       |
|                                                                                                           |       |
| Nominal voltage UN                                                                                        |       |
| Nominal current IN                                                                                        |       |
| mm²/AWG/kcmil                                                                                             | 26-12 |

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

|           |
|-----------|
| <b>RS</b> |
|-----------|

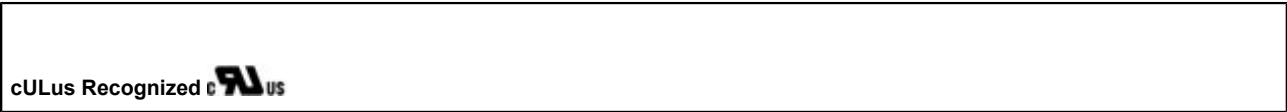
|                                                                                                 |
|-------------------------------------------------------------------------------------------------|
| <b>GOST</b>  |
|-------------------------------------------------------------------------------------------------|

|                                                                                                |
|------------------------------------------------------------------------------------------------|
| <b>CSA</b>  |
|------------------------------------------------------------------------------------------------|

# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

## approvals

|                    |       |
|--------------------|-------|
|                    |       |
| Nominal voltage UN |       |
| Nominal current IN |       |
| mm²/AWG/kcmil      | 26-12 |



## accessories

### End cover

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



DS-UT 2,5/4 - 3047109



DP PS-5 - 3036725



### Partition plate

## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

accessories

ATP-UT-QUATTRO - 3047196



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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



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

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



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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



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Screwdriver tools

SZS 0,6X3,5 - 1205053



### Marker pen

X-PEN 0,35 - 0811228



### Warning label printed

# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

accessories

WS UT 2,5 - 3047923



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## Bridge

FBS 2-5 - 3030161



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FBS 3-5 - 3030174



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FBS 4-5 - 3030187



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FBS 5-5 - 3030190



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

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

NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

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



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



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



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

accessories

---

NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

accessories

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## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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## Labeled terminal marker

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

## accessories

UCT-TM 5 CUS - 0829595



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## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



## Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

### accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



# Feed-through terminal block - UT 2,5-QUATTRO-PE - 3044568

accessories

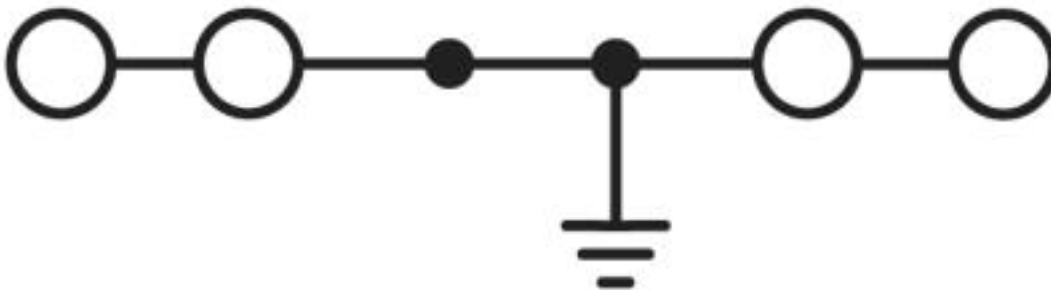
E/NS 35 N - 0800886



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## Drawings

Circuit diagram



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