# Feed-through terminal block - UT 16 BU - 3044209

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Feed-through terminal block, Connection method: Screw connection, Cross section: 1.5 mm² - 25 mm², AWG: 16 - 4, Width: 12.2 mm, Height: 54.4 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- The reducing bridges can be used to connect terminal blocks with different connection technologies, e.g., UT 35 screw terminal block with Push-in technology 2,5 Push-in terminal blocks, to form power blocks
- Tested for railway applications
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- Easy and time-saving potential supply and distribution of large currents and cross sections up to 35 mm² with reducing bridges

## Key commercial data

| | |
|---|---|
| **package_quantity** | 50 |
| **GTIN** | 4017918977542 |

## Technical data

### General

| | |
|---|---|
| **Number of levels** | 1 |
| **Number of connections** | 2 |
| **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** | 101 A (with 25 mm² conductor cross section) |
| **Rated surge voltage** | 8 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 $I_N$** | 76 A |
| **Nominal voltage $U_N$** | 1000 V |
| **Open side panel** | ja |

### Dimensions

| | |
|---|---|
| **Width** | 12.2 mm |
| **Length** | 55.5 mm |
| **Height** | 54.4 mm |
| **Height NS 35/7,5** | 55 mm |
| **Height NS 35/15** | 62.5 mm |

### Connection data

| | |
|---|---|
| **Note** | Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area. |
| **Conductor cross section solid min.** | 1.5 mm² |
| **Conductor cross section solid max.** | 25 mm² |
| **Conductor cross section AWG/kcmil min.** | 16 |
| **Conductor cross section AWG/kcmil max** | 4 |
| **Conductor cross section stranded min.** | 1.5 mm² |
| **Conductor cross section stranded max.** | 25 mm² |
| **Min. AWG conductor cross section, stranded** | 16 |
| **Max. AWG conductor cross section, stranded** | 4 |
| **Conductor cross section stranded, with ferrule without plastic sleeve min.** | 1 mm² |
| **Conductor cross section stranded, with ferrule without plastic sleeve max.** | 16 mm² |
| **Conductor cross section stranded, with ferrule with plastic sleeve min.** | 1 mm² |
| **Conductor cross section stranded, with ferrule with plastic sleeve max.** | 16 mm² |
| **2 conductors with same cross section, solid min.** | 1 mm² |
| **2 conductors with same cross section, solid max.** | 6 mm² |
| **2 conductors with same cross section, stranded min.** | 1 mm² |
| **2 conductors with same cross section, stranded max.** | 6 mm² |
| **2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.** | 0.75 mm² |
| **2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.** | 10 mm² |
| **2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.** | 1 mm² |
| **2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.** | 6 mm² |
| **Connection method** | Screw connection |
| **Stripping length** | 14 mm |

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## Technical data

### Connection data

| | |
|---|---|
| **Internal cylindrical gage** | A7 |
| **Screw thread** | M5 |
| **Tightening torque, min** | 2.5 Nm |
| **Tightening torque max** | 3 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** | EC000897 |
| **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 |

## approvals

IECEx / ATEX / CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GL / IECEE CB Scheme / cULus Recognized /

### Approval details

| **IECEx** | |
|---|---|
| | |
| Nominal voltage UN | 690 V |
| Nominal current IN | 73.5 A |
| mm²/AWG/kcmil | 1.5-16 |

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## approvals

**ATEX**

| | |
|---|---|
| Nominal voltage UN | 690 V |
| Nominal current IN | 89.5 A |
| mm²/AWG/kcmil | 1.5-25 |

**CSA**

| Usegroups | B | C |
|---|---|---|
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 85 A | 85 A |
| mm²/AWG/kcmil | 16-4 | 16-4 |

**UL Recognized**

| Usegroups | B | C |
|---|---|---|
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 85 A | 85 A |
| mm²/AWG/kcmil | 16-4 | 16-4 |

**VDE Zeichengenehmigung**

| | |
|---|---|
| Nominal voltage UN | 1000 V |
| Nominal current IN | 76 A |
| mm²/AWG/kcmil | 1.5-16 |

**cUL Recognized**

| Usegroups | B | C |
|---|---|---|
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 85 A | 85 A |
| mm²/AWG/kcmil | 16-4 | 16-4 |

**GL**

# Feed-through terminal block - UT 16 BU - 3044209

## approvals

**IECEE CB Scheme**

| | |
|---|---|
| Nominal voltage UN | 1000 V |
| Nominal current IN | 76 A |
| mm²/AWG/kcmil | 1.5-16 |

**cULus Recognized**

## accessories

**Pick-off terminal block**

AGK 4-UT 16 - 3047125



**End cover**

D-UT 16 - 3047206



**Partition plate**

TPNS-UK - 0706647



**Marker pen**

# Feed-through terminal block - UT 16 BU - 3044209

## accessories

X-PEN 0,35 - 0811228



**Warning label printed**

WS UT 16 - 3047374



**Bridge**

FBS 2-12 - 3005950



RB UT 16-(2,5/4) - 3047073



RB UT 16-ST(2,5/4) - 3047099



**Mounting rail**

# Feed-through terminal block - UT 16 BU - 3044209

## 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

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



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## accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



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



# Feed-through terminal block - UT 16 BU - 3044209

## accessories

NS 35/15 CAP - 1206573



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



**Terminal marking**

ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194



UCT-TM 12 - 0829144



**Labeled terminal marker**

# Feed-through terminal block - UT 16 BU - 3044209

## accessories

ZB 12 CUS - 0824942



UC-TM 12 CUS - 0824613



UCT-TM 12 CUS - 0829630



**Planning and marking software**

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## Drawings

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