

Feed-through terminal block - UKH 70 BU - 3244601

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Feed-through terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 16 mm² - 95 mm², AWG: 4 - 3/0, Width: 20.3 mm, Height: 78.3 mm, Color: blue, Mounting type: NS 35/15, NS 32


The illustration shows the version in gray

Why buy this product

- Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- Tested for railway applications
- Low contact resistance of the contact surface due to ribbing
- Screw locking by means of spring-loaded elements in the clamping part



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| GTIN |  4 046356 561853 |
| Weight per Piece (excluding packing) | 159.77 g |
| Weight per piece (including packing) | 159.77 g |
| Custom tariff number | 85369010 |
| Country of origin | China |
| Sales Key | A1 - Terminal Strips |

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 |
| | Mechanical engineering |
| | Plant engineering |

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Technical data

General

| | |
|----------------------------------|---|
| Maximum load current | 192 A (At 70 mm ² conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 192 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | nein |
| Number of positions | 1 |

Dimensions

| | |
|------------------|---------|
| Width | 20.3 mm |
| Length | 70.5 mm |
| Height | 78.3 mm |
| Height NS 35/7,5 | 80 mm |
| Height NS 35/15 | 87.5 mm |
| Height NS 32 | 85.5 mm |

Connection data

| | |
|--|--|
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Screw connection |
| 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. | 16 mm ² |
| Conductor cross section solid max. | 95 mm ² |
| Conductor cross section AWG/kcmil min. | 4 |
| Conductor cross section AWG/kcmil max | 3/0 |
| Conductor cross section stranded min. | 25 mm ² |
| Conductor cross section stranded max. | 70 mm ² |
| Min. AWG conductor cross section, stranded | 3 |
| Max. AWG conductor cross section, stranded | 2/0 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 16 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 70 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 16 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 70 mm ² |
| 2 conductors with same cross section, solid min. | 16 mm ² |
| 2 conductors with same cross section, solid max. | 25 mm ² |
| 2 conductors with same cross section, stranded min. | 16 mm ² |
| 2 conductors with same cross section, stranded max. | 25 mm ² |

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Technical data

Connection data

| | |
|---|--------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 16 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 25 mm ² |
| Stripping length | 24 mm |
| Internal cylindrical gage | A11 |
| Screw thread | M8 |
| Tightening torque, min | 8 Nm |
| Tightening torque max | 10 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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECCE CB Scheme / cULus Recognized

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Approvals

Ex Approvals


ATEX / ATEX / IECEx

Approvals submitted


Approval details

CSA 


| | B | C |
|--------------------------------|-------|--------|
| mm ² /AWG/kcmil | 6 | 6 |
| Nominal current I _N | 192 A | 192 A |
| Nominal voltage U _N | 600 V | 1000 V |

UL Recognized 

| | B | C |
|--------------------------------|--------|--------|
| mm ² /AWG/kcmil | 6 | 6 |
| Nominal current I _N | 192 A | 192 A |
| Nominal voltage U _N | 1000 V | 1000 V |

cUL Recognized 

| | B | C |
|--------------------------------|--------|--------|
| mm ² /AWG/kcmil | 6 | 6 |
| Nominal current I _N | 192 A | 192 A |
| Nominal voltage U _N | 1000 V | 1000 V |

VDE Zeichengenehmigung 

| | |
|--------------------------------|--------|
| Nominal voltage U _N | 1000 V |
|--------------------------------|--------|

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Approvals

| | |
|--------------------|--------|
| IECEE CB Scheme | |
| Nominal voltage UN | 1000 V |

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

Accessories

Accessories

Bridge

Fixed bridge - FBI 2-20 N - 3213195



Fixed bridge, Number of positions: 2, Color: silver

Fixed bridge - FBI 3-20 N - 3213205



Fixed bridge, Number of positions: 3, Color: silver

End block

End clamp - E/AL-NS 32 - 1201659



End clamp, for end support of UKH 50 - UKH 240, is pushed onto DIN rail NS 32 and fixed with 2 screws, width: 10 mm, color: Aluminum

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Accessories

End clamp - E/AL-NS 35 - 1201662



End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

Mounting material

Insertion profile - UKH 50 EP - 3009228



Insertion profile, Color: silver

Mounting rail

DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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Accessories

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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Accessories

DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

Pick-off terminal block

Pick-off terminal block - AGK 10-UKH 50 - 3001763



Pick-off terminal block, Connection method: Special and hybrid connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 10.2 mm, Height: 34.7 mm, Color: gray, Mounting type: On base element

Socket spanner

Tool - VDE-ISS 6 - 1201934



Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm, for all terminal blocks with 8 mm Allen screw

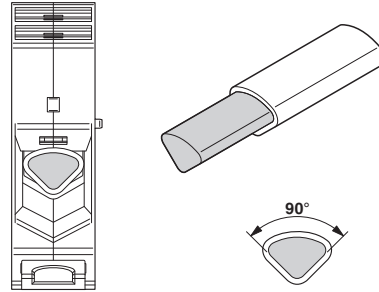
Drawings

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Circuit diagram



Schematic diagram



Connecting aluminum cables. Further notes can be found in the download area