

High-current terminal block - UKH 50-IB BU - 3009066

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High-current terminal block, with Allen screws, Connection method: Screw connection, Number of positions: 1, Cross section: 16 mm² - 70 mm², AWG: 6 - 2/0, Width: 20 mm, Color: blue, Mounting type: NS 35/15, NS 32, NS 35/15-2,3


The figure shows UK 35-IB

Why buy this product

- Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- 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 017918 091620 |
| Weight per Piece (excluding packing) | 121.32 g |
| Custom tariff number | 85369010 |
| Country of origin | India |
| Note | Made to Order (non-returnable) |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 50 mm ² |
| Color | blue |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Overvoltage category | III |

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Technical data

General

| | |
|--------------------------------|---|
| Insulating material group | I |
| Maximum load current | 150 A (with 50 mm ² conductor cross section) |
| Nominal current I _N | 150 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | nein |
| Number of positions | 1 |

Dimensions

| | |
|-----------------|---------|
| Width | 20 mm |
| Length | 70.5 mm |
| Height NS 35/15 | 83.5 mm |
| Height NS 32 | 81 mm |

Connection data

| | |
|---|--------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 16 mm ² |
| Conductor cross section solid max. | 70 mm ² |
| Conductor cross section AWG min. | 6 |
| Conductor cross section AWG max. | 2/0 |
| Conductor cross section flexible min. | 25 mm ² |
| Conductor cross section flexible max. | 50 mm ² |
| Min. AWG conductor cross section, flexible | 3 |
| Max. AWG conductor cross section, flexible | 1/0 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 50 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 50 mm ² |
| 2 conductors with same cross section, solid min. | 10 mm ² |
| 2 conductors with same cross section, solid max. | 16 mm ² |
| 2 conductors with same cross section, stranded min. | 10 mm ² |
| 2 conductors with same cross section, stranded max. | 16 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 10 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 16 mm ² |
| Stripping length | 24 mm |
| Internal cylindrical gage | B10 |
| Screw thread | M6 |
| Tightening torque, min | 6 Nm |
| Tightening torque max | 8 Nm |

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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

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

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

Approvals submitted

Approval details

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Approvals

UL Recognized

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 6-1/0 | 6-1/0 |
| Nominal current I _N | 150 A | 150 A |
| Nominal voltage U _N | 600 V | 600 V |

cUL Recognized

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 6-1/0 | 6-1/0 |
| Nominal current I _N | 150 A | 150 A |
| Nominal voltage U _N | 600 V | 600 V |

EAC

cULus Recognized

Accessories

Accessories

Mounting rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



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

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



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

Drawings

High-current terminal block - UKH 50-IB BU - 3009066

Schematic diagram

