

## Feed-through terminal block - UKH 50-IB - 3009053

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Feed-through terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG: 6 - 1/0, Width: 20 mm, Color: gray, Mounting type: NS 35/15, NS 32, NS 35/15-2,3

The figure shows UK 35-IB

### Product Features

- 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	1 1
Weight per Piece (excluding packing)	121.35 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	150 A (with 50 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

## Feed-through terminal block - UKH 50-IB - 3009053

### Technical data

#### General

Insulating material group	I
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	75.5 mm
Height NS 35/15	83.5 mm
Height NS 32	81.5 mm

#### Connection data

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

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## Technical data

### Connection data

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

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

UL Recognized / cUL Recognized / IECEx / ATEX / cULus Recognized

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# Feed-through terminal block - UKH 50-IB - 3009053

## Approvals

Approvals submitted

### Approval details

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current I <sub>N</sub>	150 A	150 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current I <sub>N</sub>	150 A	150 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cULus Recognized		
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## Accessories

Accessories

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

## Feed-through terminal block - UKH 50-IB - 3009053

### Accessories

DIN rail - NS 32 UNPERF 2000MM - 1201015



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

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### Drawings

Schematic diagram

