

# 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

<b>package_quantity</b>	10
<b>GTIN</b>	4017918091613

## Technical data

### General

<b>Number of levels</b>	1
<b>Number of connections</b>	2
<b>Color</b>	gray
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0

### General

<b>Maximum load current</b>	150 A (with 50 mm <sup>2</sup> conductor cross section)
<b>Rated surge voltage</b>	8 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Nominal current I<sub>N</sub></b>	150 A
<b>Nominal voltage U<sub>N</sub></b>	1000 V
<b>Open side panel</b>	nein
<b>Number of positions</b>	1

## Dimensions

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## Technical data

### Dimensions

<b>Width</b>	20 mm
<b>Length</b>	75.5 mm
<b>Height NS 35/15</b>	83.5 mm
<b>Height NS 32</b>	81.5 mm

### Connection data

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

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141120
<b>eCl@ss 4.1</b>	27141120
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120

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## classifications

### eCl@ss

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

UL Recognized / cUL Recognized / IECEX / ATEX / cULus Recognized / UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

<b>UL Recognized</b> 	
Nominal voltage UN	600 V
Nominal current IN	150 A
mm <sup>2</sup> /AWG/kcmil	6

<b>cUL Recognized</b> 	
Nominal voltage UN	600 V
Nominal current IN	150 A
mm <sup>2</sup> /AWG/kcmil	6

<b>IECEX</b>	
Nominal voltage UN	690 V
Nominal current IN	133 A

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## approvals

mm <sup>2</sup> /AWG/kcmil	25-50
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ATEX	
Nominal voltage UN	690 V
Nominal current IN	133 A
mm <sup>2</sup> /AWG/kcmil	16-50

cULus Recognized
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Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm <sup>2</sup> /AWG/kcmil	6	6

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm <sup>2</sup> /AWG/kcmil	6	6

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## accessories

### Mounting rail

NS 32 PERF 2000MM - 1201002



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

accessories

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NS 32 UNPERF 2000MM - 1201015



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## Drawings

Schematic diagram

