

## High-current terminal block - UKH 95 BU - 3010136

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High-current terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 4 - 3/0, Width: 25 mm, Height: 90 mm, Color: blue, Mounting type: NS 35/15, NS 32, NS 35/15-2,3

### 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 pc
GTIN	
Weight per Piece (excluding packing)	213.19 g
Custom tariff number	85369010
Country of origin	India

### Technical data

#### General

Note	Screws with hexagonal socket
Number of levels	1
Number of connections	2
Nominal cross section	95 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

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## Technical data

### General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	232 A
Nominal current $I_N$	232 A
Nominal voltage $U_N$	1000 V
Open side panel	No

### Dimensions

Width	25 mm
Length	83 mm
Height	90 mm
Height NS 35/15	97.5 mm
Height NS 32	95 mm

### Connection data

Note	Screws with hexagonal socket
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
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.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible min.	35 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	2
Max. AWG conductor cross section, flexible	3/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
2 conductors with same cross section, solid min.	25 mm <sup>2</sup>
2 conductors with same cross section, solid max.	35 mm <sup>2</sup>

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### Technical data

#### Connection data

2 conductors with same cross section, stranded min.	25 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible min.	35 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
Stripping length	33 mm
Screw thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm

#### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

### 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
eCl@ss 9.0	27141120

#### ETIM

ETIM 2.0	EC000897
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## Classifications

### ETIM

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 / KEMA-KEUR / cUL Recognized / GL / DNV / RS / PRS / LR / EAC / EAC / cULus Recognized

#### Ex Approvals

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

#### Approvals submitted

### Approval details

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	2-4/0	2-4/0
Nominal current I <sub>N</sub>	200 A	200 A
Nominal voltage U <sub>N</sub>	600 V	600 V

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## Approvals

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	2-4/0	2-4/0
Nominal current I <sub>N</sub>	230 A	230 A
Nominal voltage U <sub>N</sub>	600 V	600 V

KEMA-KEUR	
mm <sup>2</sup> /AWG/kcmil	95
Nominal voltage U <sub>N</sub>	1000 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	2-4/0	2-4/0
Nominal current I <sub>N</sub>	230 A	230 A
Nominal voltage U <sub>N</sub>	600 V	600 V

GL

DNV

RS

PRS

LR

EAC

EAC

# High-current terminal block - UKH 95 BU - 3010136

## Approvals

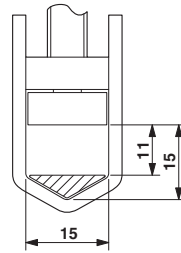


## Drawings

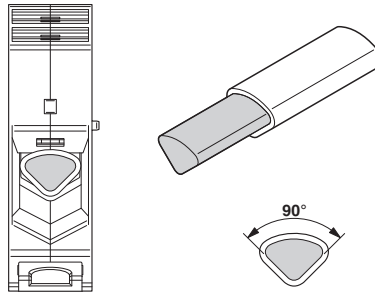
Circuit diagram



Dimensional drawing



Schematic diagram



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