

## Installation ground terminal block - UKH 95-PE/N - 3009176

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Installation ground terminal block, Screw connection, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 3 - 3/0, Width: 50 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15, NS 32

### 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

RoHS

### Key Commercial Data

Packing unit	5 STK
GTIN	
GTIN	4017918091705
Weight per Piece (excluding packing)	599.800 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Note	Screws with hexagonal socket
Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	95 mm <sup>2</sup>
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3

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## Technical data

### General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	7.54 W
Maximum load current	232 A (with 95 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	232 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No
Terminal block mounting	15 Nm ... 20 Nm (PE foot with mounting screw, M8)

### Dimensions

Width	50 mm
Length	83 mm
Height NS 35/7,5	99 mm
Height NS 35/15	106.5 mm
Height NS 32	104 mm

### Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-2
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.	3
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	2/0
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>
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>
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, TWIN ferrules with plastic sleeve, min.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	95 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm <sup>2</sup>

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### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm <sup>2</sup>
Stripping length	33 mm
Screw thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm

### Standards and Regulations

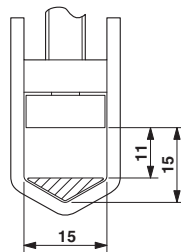
Connection in acc. with standard	IEC 60947-7-2
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		EAC-Zulassung
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