UKH 95-PE/N - Installation ground terminal block

3009176

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Installation ground terminal block, Screws with hexagonal socket, PE/N block, consisting of a green-yellow ground terminal and a blue terminal block with screw bridge, nom. voltage: 1000 V, nominal current: 232 A, Screw connection, cross section: 25 mm^2 - 95 mm^2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Your advantages

- 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

Technical data

Notes

General	Screws with hexagonal socket

Product properties

Product type	Ground terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	7.54 W

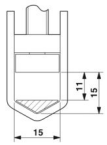
Connection data

PEN function	yes
Grounding foot	Yes
Number of connections per level	2
Nominal cross section	95 mm²
Rated cross section AWG	3/0

Level 1 above 1 below 1

Screw thread	M8
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	15 ... 20 Nm
Stripping length	33 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	25 mm² ... 95 mm²
Cross section AWG	2 ... 3/0 (converted acc. to IEC)
Conductor cross section flexible	35 mm² ... 95 mm²
Conductor cross section, flexible [AWG]	1/0 ... 3/0 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	35 mm² ... 95 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	35 mm² ... 95 mm²
Nominal current	232 A
Maximum load current	232 A (with 95 mm² conductor cross section)
Nominal voltage	1000 V
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.

Dimensions

Dimensional drawing	
Width	50 mm
Height	83 mm
Depth on NS 32	104 mm
Depth on NS 35/7,5	99 mm
Depth on NS 35/15	106.5 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

General

Terminal block mounting	15 Nm ... 20 Nm (PE foot with mounting screw, M8)

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2

Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	15 Nm ... 20 Nm (PE foot with mounting screw, M8)

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PHOENIX CONTACT Deutschland GmbH
Flachsmarktstraße 8
D-32825 Blomberg
+49 52 35/3-1 20 00
info@phoenixcontact.de