

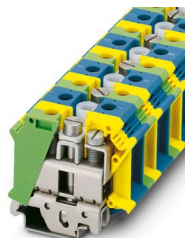
# UIK 35-PE/N - Installation protective conductor terminal block



3006195

<https://www.phoenixcontact.com/us/products/3006195>

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Installation protective conductor terminal block, nom. voltage: 800 V, nominal current: 125 A, Screw connection, cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow-blue

## Commercial data

Item number	3006195
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1251
GTIN	4017918091415
Weight per piece (including packing)	134.78 g
Weight per piece (excluding packing)	134.78 g
Customs tariff number	85369010
Country of origin	CN

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## Technical data

### 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
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### Connection data

PEN function	yes
Grounding foot	Yes
Number of connections per level	2

### Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M6
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	3.2 ... 3.7 Nm
Stripping length	16 mm
Connection in acc. with standard	IEC / EN
Conductor cross-section rigid	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Nominal current	125 A
Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross-section)
Nominal voltage	800 V

### Dimensions

Width	30.4 mm
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### Material specifications

Color	green-yellow-blue
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

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Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

## Mechanical properties

### General

Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)
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### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC / EN
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)

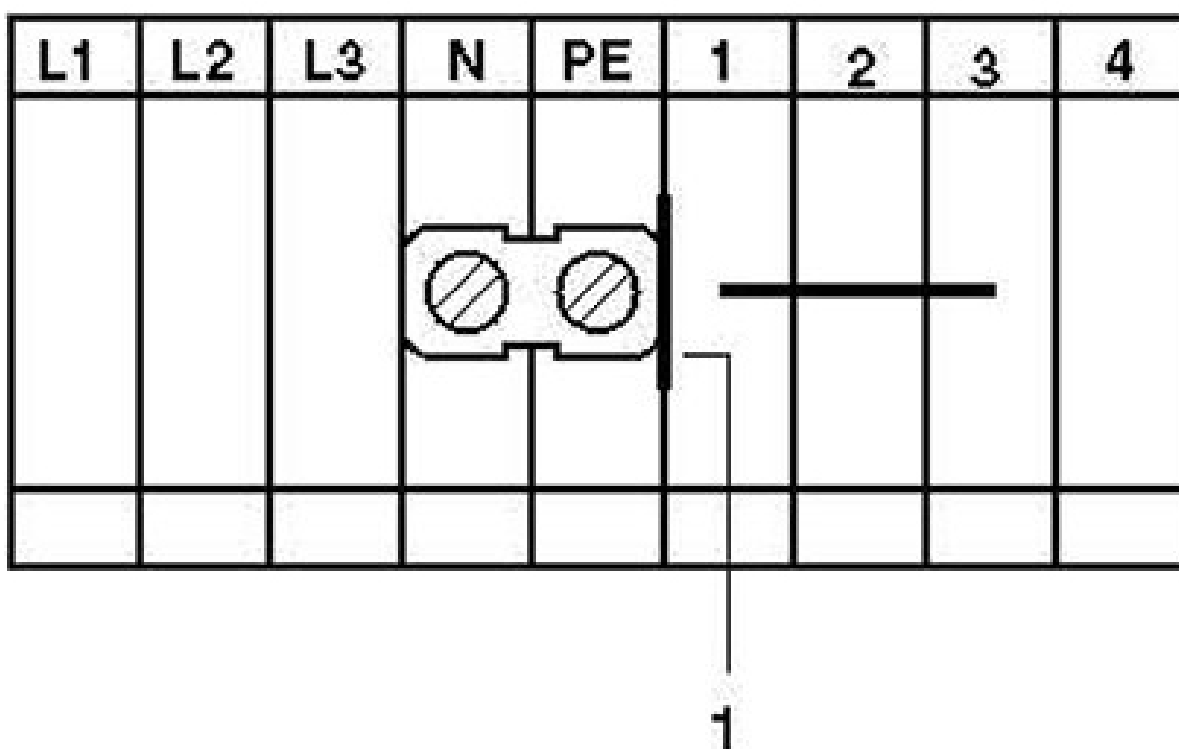
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## Drawings

Circuit diagram



1 = separating plate

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## Classifications

### UNSPSC

UNSPSC 21.0	39121410
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	4-Nonylphenol, branched and linear(CAS: n/a)
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