

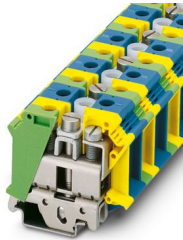
# UIK 35-PE/N - Installation protective conductor terminal block



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 |
|---------------------|------|

### 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 |
|-------|---------|

### 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) |
|-------------------------|---|

### Mechanical data

|                 |    |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

## 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 |
|----------------------------------|----------|

## 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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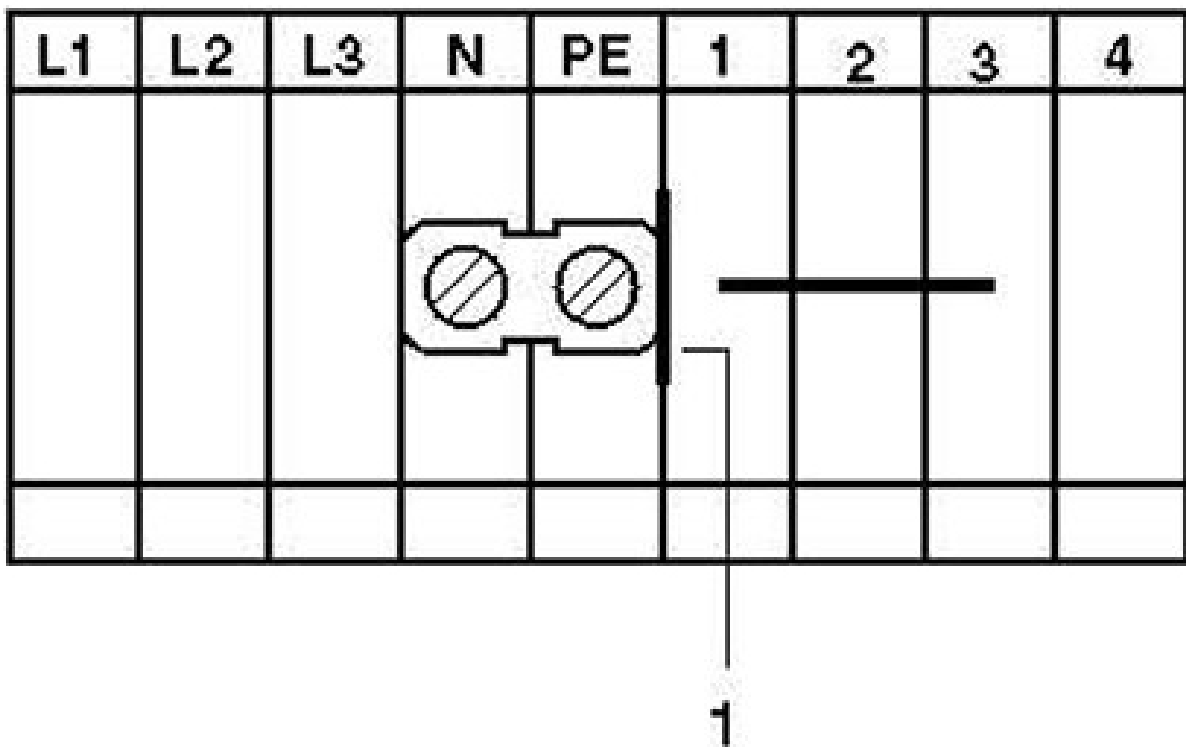


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## Drawings

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 |
|---|--------------------|

### 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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