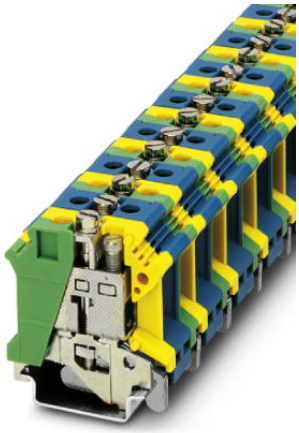
Extract from the online catalog

# UIK 16-PE/N

Order No.: 3006234



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3006234

Ground modular terminal block, Screw connection, Cross section: 2.5 mm² - 25 mm², AWG: 12 - 4, Width: 24 mm, Color: green-yellow-blue, Mounting type: NS 35/7.5, NS 35/15, NS 32

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 017918 091453 |
| sales group | A020 |
| Pack | 10 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 229 (CL-2005) |

Product notes

WEEE/RoHS-compliant since: 07/29/2005

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | green-yellow-blue |

| | |
|---|---|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

| | |
|---|---|
| Width | 24 mm |
| Length | 42.5 mm |
| Height NS 35/7.5 | 47 mm |
| Height NS 35/15 | 54.5 mm |
| Height NS 32 | 52 mm |

**Technical data**

| | |
|---|---|
| Maximum load current | 101 A (with 25 $mm^2$ conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC / EN |
| Nominal current $I_N$ | 101 A |
| Nominal voltage $U_N$ | 400 V |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 2.5 mm² |
| Conductor cross section solid max. | 25 mm² |
| Conductor cross section stranded min. | 4 mm² |
| Conductor cross section stranded max. | 16 mm² |
| Conductor cross section AWG/kcmil min. | 12 |
| Conductor cross section AWG/kcmil max | 4 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 1.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 1.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm² |
| 2 conductors with same cross section, solid min. | 1.5 mm² |
| 2 conductors with same cross section, solid max. | 6 mm² |
| 2 conductors with same cross section, stranded min. | 1.5 mm² |

| | |
|---|---|
| 2 conductors with same cross section, stranded max. | 4 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 1.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm² |
| Type of connection | Screw connection |
| Stripping length | 11 mm |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |

## Certificates / Approvals

| | |
|---|---|
| Certification | GOST |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 1201028 | NS 32 AL UNPERF 2000MM | G rail 32 mm (NS 32) |
| 1201280 | NS 32 CU/120QMM UNPERF 2000MM | G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m |
| 1201358 | NS 32 CU/35QMM UNPERF 2000MM | G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m |
| 1201002 | NS 32 PERF 2000MM | G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m |
| 1201015 | NS 32 UNPERF 2000MM | G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m |

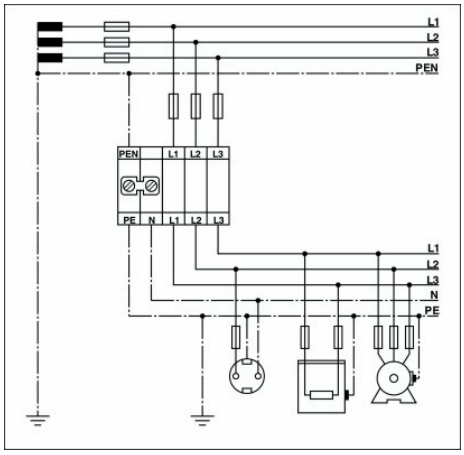
| | | |
|---|---|---|
| 0801733 | NS 35/ 7,5 PERF 2000MM | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1201895 | NS 35/15 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 1201730 | NS 35/15 PERF 2000MM | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 1302215 | TS-K | Separating plate, Length: 22 mm, Height: 22 mm, Color: gray |

**Marking**

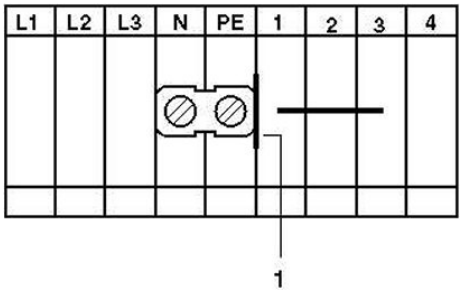
| | | |
|---|---|---|
| 0812120 | ZB 12:UNPRINTED | Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack |

## Diagrams/Drawings

Connection diagram




Circuit diagram




1 = separating plate

## Address

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