


PIK 4-L

Order No.: 2714048

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2714048>

Installation level terminal block, Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data

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| GTIN (EAN) |  |
| sales group | A223 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 493 (CL1-2011) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data**General**

| | |
|-----------------------|------|
| Number of levels | 2 |
| Number of connections | 4 |
| Color | gray |
| Insulating material | PA |

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|------------------------------------|----|
| Inflammability class acc. to UL 94 | V2 |
|------------------------------------|----|

Dimensions

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| Width | 6.2 mm |
| Length | 88 mm |
| Height NS 35/7.5 | 51.5 mm |
| Height NS 35/15 | 59 mm |

Technical data

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| Maximum load current | 32 A (with 4 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 32 A |
| Nominal voltage U _N | 400 V |

Connection data

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|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1 mm ² |

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| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 9 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Certificates / Approvals



Certification

CUL, DNV, GOST, UL

Accessories

| Item | Designation | Description |
|-----------------|-----------------------------|--|
| Assembly | | |
| 2714145 | ATP-PIK | Partition plate, Length: 95 mm, Width: 1.5 mm, Height: 57 mm, Color: gray |
| 3022218 | CLIPFIX 35 | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 2714080 | D-PIK 4 | Cover, Length: 88 mm, Width: 1.5 mm, Color: gray |
| 1201413 | E/UK 1 | End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray |
| 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 |
| 1201756 | NS 35/15 AL UNPERF 2000MM | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m |

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| 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 |
| 1201798 | NS 35/15-2,3 UNPERF 2000MM | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m |

Bridges

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|---------|-------------|---|
| 0203250 | FBI 10- 6 | Fixed bridge, Number of positions: 10, Color: silver |
| 0201650 | FBI 100- 6 | Fixed bridge, Number of positions: 100, Color: silver |
| 0201867 | FBI 20- 6 | Fixed bridge, Number of positions: 20, Color: silver |
| 1302338 | IS-K 4 | Bridge bar isolator, Color: gray |
| 0301505 | ISSBI 10- 6 | Bridge bar isolator, Number of positions: 10, Color: silver |

Marking

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|---------|-----------------------|--|
| 1007222 | SBS 6:UNBEDRUCKT | Marker cards for modular terminal blocks, color: white |
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |
| 1051016 | ZB 6,LGS:FORTL.ZAHLEN | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white |
| 1051029 | ZB 6,QR:FORTL.ZAHLEN | Zack marker strip, 10-section, printed vertically: with consecutive numbers 1 - 10, 11 - 20, and so on up to 491 - 500, color: white |
| 1050499 | ZB 6:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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