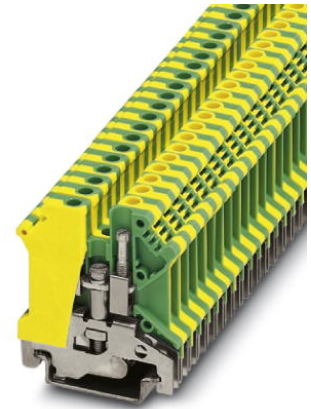


USLKG 5


Order No.: 0441504



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=0441504>

Ground modular terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 6 mm², AWG 24 - 10, Width: 6.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15, NS 32



| Commercial data | |
|--------------------------|--|
| EAN |  4 017918 002190 |
| sales group | A020 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Gross weight in pieces | 0.020966 KG |
| Net weight per piece | 0.020966 KG |
| Catalog page information | Page 411 (CL1-2011) |

Product notes

WEEE/RoHS-compliant since:
01/15/2005



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| Technical data | |
|-----------------------|---|
| General | |
| Note | When aligning with a feed-through terminal block with the same shape, an end cover must be interposed with insulation voltages of > 690 V |
| Number of levels | 1 |
| Number of connections | 2 |

| | |
|---|--------------|
| Color | green-yellow |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |

Dimensions

| | |
|------------------|---------|
| Width | 6.2 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

| | |
|---|---------------|
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel | nein |
| Temperaturindex Isolierstoff (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Statischer Isolierstoffeinsatz in Kälte | -60 °C |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 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 | 10 |
| 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. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| 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. | 1.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Certificates / Approvals

Certification BV, CCA, CSA, CUL, DEKRA NL, DNV, GL, GOST, KR, LR, PRS, RS, UL, 0344 DEKRA

Certification Ex: IECEx

Certifications applied for:

Accessories

| Item | Designation | Description |
|-----------------|-----------------------------|--|
| Assembly | | |
| 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 |
| 0801704 | NS 35/ 7,5 AL UNPERF 2000MM | DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1206560 | NS 35/ 7,5 CAP | DIN rail end piece, for DIN rail NS 35/7.5 |
| 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: 2000 mm |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1204119 | NS 35/ 7,5 WH PERF 2000MM | DIN rail 35 mm (NS 35) |
| 1204122 | NS 35/ 7,5 WH UNPERF 2000MM | DIN rail 35 mm (NS 35) |
| 1206421 | NS 35/ 7,5 ZN PERF 2000MM | DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1206434 | NS 35/ 7,5 ZN UNPERF 2000MM | DIN rail, material: Galvanized, 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 2000 mm |
| 1206573 | NS 35/15 CAP | DIN rail end piece, for DIN rail NS 35/15 |
| 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 galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 0806602 | NS 35/15 WH PERF 2000MM | DIN rail 35 mm (NS 35) |
| 1204135 | NS 35/15 WH UNPERF 2000MM | DIN rail 35 mm (NS 35) |
| 1206599 | NS 35/15 ZN PERF 2000MM | DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1206586 | NS 35/15 ZN UNPERF 2000MM | DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m |

Marking

| | | |
|---------|------------------|---|
| 1007222 | SBS 6:UNBEDRUCKT | Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm |
| 0824992 | ZB 6 CUS | Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm |

Drawings

Circuit diagram



Connection data incl. use groups





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Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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