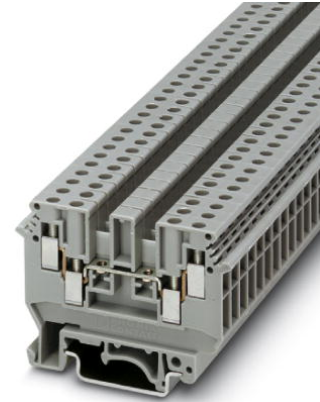


UDK 4

Order No.: 2775016



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2775016>

1-level terminal block with double connection on both sides, cross section: 0.2 - 2.5 mm², AWG: 30 - 10, width: 6.2 mm, color: Gray

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4017918068363 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.015373 KG |
| Catalog page information | Page 355 (CL-2009) |

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

Dimensions

| | |
|------------------|---------|
| Length | 63.5 mm |
| Width | 6.2 mm |
| Height NS 35/7,5 | 47 mm |
| Height NS 35/15 | 54.5 mm |
| Height NS 32 | 52.5 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 60947-7-1 |
| Nominal current I_N | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U_N | 630 V |

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. | 1.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 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, 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 |
| 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. | 1 mm ² |
| Cross-section with insertion bridge, solid max. | 2.5 mm ² |
| Cross-section with insertion bridge, stranded max. | 2.5 mm ² |
| Type of connection | Screw connection |
| Stripping length | 8 mm |
| Internal cylindrical gage | A3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Certificates / Approvals



Certification

BV, CSA, CUL, DNV, GL, GOST, PRS, RS, UL

CSA

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 10 A |
| AWG/kcmil | 22-10 |

CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 5 A |
| AWG/kcmil | 30-10 |

UL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 5 A |
| AWG/kcmil | 30-10 |

Accessories

| Item | Designation | Description |
|-----------------|-------------------------------|--|
| Assembly | | |
| 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 |
| 2775113 | D-UDK 4 | End cover, Length: 63.5 mm, Width: 1.5 mm, Color: gray |
| 1201413 | E/UK 1 | End brackets, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray |
| 0201595 | FB-150 METER | Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long |
| 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 |
| 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 |
| 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 |
| 2770215 | TS-KK 3 | Separating plate, Color: gray |
| Bridges | | |
| 0201155 | EB 2- 6 | Cross connector/bridge, Number of positions: 2, Color: gray |
| 0201142 | EB 3- 6 | Cross connector/bridge, Number of positions: 3, Color: gray |

| | | |
|---------|-------------|--|
| 0201139 | EB 10- 6 | Cross connector/bridge, Number of positions: 10, Color: gray |
| 0203250 | FBI 10- 6 | Cross connector/bridge, Number of positions: 10, Color: silver |
| 0201650 | FBI 100- 6 | Cross connector/bridge, Number of positions: 100, Color: aluminum |
| 0201867 | FBI 20- 6 | Cross connector/bridge, Number of positions: 20, Color: aluminum |
| 1302338 | IS-K 4 | Bridge bar isolator, Color: gray |
| 0301505 | ISSBI 10- 6 | Switching jumper, Number of positions: 10, Color: silver |
| 0202280 | LB 10-6 BU | Cross connector/bridge, Number of positions: 10, Color: blue |
| 0202358 | LB 10-6 GY | Cross connector/bridge, Number of positions: 10, Color: gray |
| 0202293 | LB 10-6 RD | Cross connector/bridge, Number of positions: 10, Color: red |
| 0202303 | LB 100-6 BU | Cross connector/bridge, Number of positions: 100, Color: blue |
| 0202345 | LB 100-6 GY | Cross connector/bridge, Number of positions: 100, Color: gray |
| 0202316 | LB 100-6 RD | Cross connector/bridge, Number of positions: 100, Color: red |
| 1413230 | SBRN 2-7 | Cross connector/bridge, Color: silver |
| 2303239 | USBR 2-7 | Cross connector/bridge, Color: silver |
| 2305538 | USBRJ 2-7 | Cross connector/bridge, Number of positions: 2, Color: silver |

Marking

| | | |
|---------|------------------|--|
| 1007222 | SBS 6:UNBEDRUCKT | Marker cards for modular terminal blocks, color: white |
| 1004115 | WS 3- 6 | Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm |
| 1004209 | WS 4- 6 | Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm |
| 1004403 | WS 5- 6 | Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm |
| 1050499 | ZB 6:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

| | | |
|---------|-------------|---|
| 0309523 | KSS 3- 6 | Short circuit connector, Number of positions: 3, Color: black |
| 0301547 | KSS 6 | Short circuit connector, Number of positions: 2, Color: black |
| 0601292 | PSB 3/10/4 | Female test connector, Color: silver |
| 0201304 | PSBJ 3/13/4 | Female test connector, Color: silver |
| 0201647 | RPS | Reducing plug, Color: gray |

Diagrams/Drawings

Circuit diagram



- 1 = cover
- 2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar
- 3 = fixed bridge, for cross-connections in the terminal center, with crimped-on rollers
- 4 = insertion bridge
- 5 = isolator bridge bar
- 6 = bridge bar isolator
- 7 = switch bar for 2 terminal blocks
- 8 = separating plate

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