

UK 3-RETURN

Order No.: 3002513



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3002513>

Universal terminal block with screw connection, cross section: 0.2 - 2.5 mm², AWG: 30 - 12, width: 5.2 mm, color: gray

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918090289 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.008998 KG |
| Catalog page information | Page 226 (CL-2005) |

Product notes

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



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Technical data

General

| | |
|------------------------------------|------|
| Number of levels | 2 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V2 |

Dimensions

| | |
|------------------|---------|
| Length | 47.5 mm |
| Width | 5.2 mm |
| Height NS 35/7,5 | 58.5 mm |
| Height NS 35/15 | 66 mm |
| Height NS 32 | 63.5 mm |

Technical data

| | |
|----------------------------------|----------|
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC / EN |
| Nominal current I_N | 32 A |
| Nominal voltage U_N | 500 V |

Connection data

| | |
|---|----------------------|
| 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. | 2.5 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 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 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 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. | 4 mm ² |
| Cross-section with insertion bridge, stranded max. | 2.5 mm ² |
| Type of connection | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M 3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Certificates / Approvals

Approval logo



CSA

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 25 A |
| AWG/kcmil | 28-12 |

UL

| | |
|--------------------------------|--------------------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 20 A |
| AWG/kcmil | 30-12 |
| Certification | CSA, GOST, PRS, UL |

Accessories

| Item | Designation | Description |
|-----------------|-----------------|--|
| Assembly | | |
| 3002542 | ATP-UK 3-RETURN | Partition plate, for visual and electrical separation of terminal groups, width: 1.5 mm, color: Gray |

| | | |
|---------|-------------------------------|---|
| 3022218 | CLIPFIX 35 | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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 |
| 3002539 | D-UK 3-RETURN | Cover, 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 |
| 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, 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 |
| 3002526 | TS-UK 3-RETURN | Separating plate, width: 1.5 mm, color: gray |

Bridges

| | | |
|---------|--------------|--|
| 1401158 | EB 2- 5 | Insertion bridge, 2-pos., fully insulated |
| 1401145 | EB 3- 5 | Insertion bridge, 3-pos., fully insulated |
| 1401132 | EB 10- 5 | Insertion bridge, 10-pos., divisible, fully insulated |
| 3000612 | FBRN 10-5-EX | Fixed bridge, 10-pos. |
| 3000175 | FBRNI 2-5 N | Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 2-pos. |

| | | |
|---------|--------------|--|
| 3000162 | FBRNI 3-5 N | Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 3-pos. |
| 3000159 | FBRNI 4-5 N | Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 4-pos. |
| 2770639 | FBRNI 10-5 N | Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 10-pos., divisible |
| 3000609 | FBRNI 20-5 N | Fixed bridge, 20-pos. |

Marking

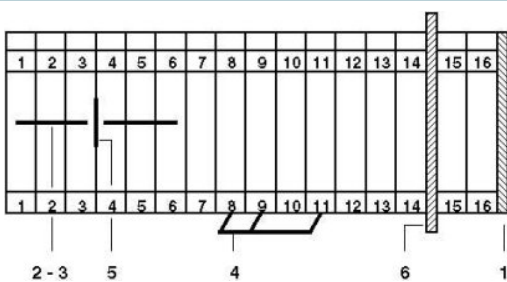
| | | |
|---------|------------------|---|
| 1007219 | SBS 5:UNBEDRUCKT | Marker cards for modular terminal blocks, color: white |
| 1050295 | ZB 5:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

| | | |
|---------|-------------|---|
| 2303543 | KSS 5 | Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 5.2 mm, color: Black |
| 0601292 | PSB 3/10/4 | Test plug socket, not insulated, length: 10 mm, screw thread width: 3 mm, socket width: 4 mm |
| 0201304 | PSBJ 3/13/4 | Test plug socket, insulated, length: 13 mm, screw thread width: 3 mm, socket width: 4 mm, insulation material transparent |
| 0201647 | RPS | Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray |

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 = separating plate
- 6 = partition plate

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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