

UK 16 N BU

Order No.: 3006056




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3006056>

Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 2.5 mm² - 25 mm², AWG 12 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15, NS 32



Commercial data

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|--------------------------|--|
| GTIN (EAN) |  4 017918 091316 |
| sales group | A000 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 345 (CL-2009) |

Product notes

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



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Technical data

General

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

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

Dimensions

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| Width | 12.2 mm |
| Length | 42.5 mm |
| Height NS 35/7.5 | 54 mm |
| Height NS 35/15 | 61.5 mm |
| Height NS 32 | 59 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 60947-7-1 |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 800 V |
| Open side panel | ja |

Connection data

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

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|---|----------------------|
| 2 conductors with same cross section, stranded min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm ² |
| Type of connection | Screw connection |
| Stripping length | 11 mm |
| Internal cylindrical gage | B7 |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |

Certificates / Approvals



Certification

CB, CCA, CSA, CUL, DNV, GOST, KEMA, UL

Certification Ex:

CUL-EX, FM, GL-EX, IECEx, KEMA-EX, UL-EX

Accessories

| Item | Designation | Description |
|-----------------|-------------|--|
| Assembly | | |
| 3003224 | ATP-UK | Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 59 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 |
| 3006027 | D-UK 16 | End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: gray |

| | | |
|---------|-------------------------------|--|
| 3006108 | D-UK 16 BU | End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: blue |
| 1201442 | E/UK | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail |
| 1024250 | EA 7 | Single covers, color: transparent |
| 0800747 | EA 7-WS | Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow |
| 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 |
| 1302215 | TS-K | Separating plate, Length: 22 mm, Height: 22 mm, Color: gray |

Bridges

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|---------|-----------|--|
| 3006137 | EB 10-12 | Insertion bridge, Number of positions: 10, Color: gray |
| 0200075 | FBI 2-12 | Fixed bridge, Number of positions: 2, Color: aluminum |
| 0203454 | FBI 10-12 | Fixed bridge, Number of positions: 10, Color: silver |

Marking

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|---------|-------------|---|
| 1004212 | WS 4- 8 | Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 8 mm |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

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|---------|---------------------|---|
| 0311647 | PS-MT | Test plugs |
| 0303299 | PSB 4/7/6 | Female test connector, Color: silver |
| 0303406 | PSBJ 4/15/6 BK | Female test connector, Color: black |
| 0303354 | PSBJ 4/15/6 BU | Female test connector, Color: blue |
| 0303419 | PSBJ 4/15/6 FARBLOS | Female test connector, Color: transparent |
| 0303370 | PSBJ 4/15/6 GN | Female test connector, Color: green |
| 0303396 | PSBJ 4/15/6 GY | Female test connector, Color: gray |
| 0303325 | PSBJ 4/15/6 RD | Female test connector, Color: red |
| 0303383 | PSBJ 4/15/6 VT | Female test connector, Color: violet |
| 0303312 | PSBJ 4/15/6 WH | Female test connector, Color: white |
| 0303367 | PSBJ 4/15/6 YE | Female test connector, Color: yellow |

Diagrams/DrawingsCircuit diagram



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