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# UK 1,5 N BU


Order No.: 3005840

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3005840>

Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 26 - 16, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15, NS 32



## Commercial data

|                          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 138936 |
| sales group              | A000   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 342 (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**

|                  |         |
|------------------|---------|
| Width            | 4.2 mm  |
| Length           | 42.5 mm |
| Height NS 35/7.5 | 42 mm   |
| Height NS 35/15  | 49.5 mm |
| Height NS 32     | 47 mm   |

**Technical data**

|                                  |   |
|----------------------------------|---|
| Maximum load current             | 17.5 A (with 1.5 mm <sup>2</sup> 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 <sub>N</sub>   | 17.5 A  |
| Nominal voltage U <sub>N</sub>   | 500 V   |
| Open side panel                  | ja  |

**Connection data**

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, solid min.                           | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 0.75 mm <sup>2</sup> |

|   |                      |
|---|----------------------|
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.34 mm <sup>2</sup> |
| Type of connection  | Screw connection     |
| Stripping length  | 7 mm                 |
| Internal cylindrical gage   | A1                   |
| Screw thread  | M2                   |
| Tightening torque, min  | 0.22 Nm              |
| Tightening torque max   | 0.25 Nm              |

### Certificates / Approvals



Certification CUL, DNV, GL, GOST, UL

Certification Ex: IECEX, KEMA-EX

### Accessories

| Item            | Designation | Description  |
|-----------------|-------------|--|
| <b>Assembly</b> |             |  |
| 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 |
| 3001022         | D-UK 2,5    | End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 30.7 mm, Color: gray  |



|         |                               |  |
|---------|-------------------------------|--|
| 3001103 | D-UK 2,5 BU                   | End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 42 mm, Color: blue  |
| 1201442 | E/UK                          | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail   |
| 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                                |

**Bridges**

|         |             |  |
|---------|-------------|--|
| 3001569 | FBRN 4-4 N  | Fixed bridge, Number of positions: 4, Color: aluminum  |
| 3001572 | FBRN 5-4 N  | Fixed bridge, Number of positions: 5, Color: aluminum  |
| 3001585 | FBRN 6-4 N  | Fixed bridge, Number of positions: 6, Color: aluminum  |
| 3001598 | FBRN 7-4 N  | Fixed bridge, Number of positions: 7, Color: aluminum  |
| 3001608 | FBRN 8-4 N  | Fixed bridge, Number of positions: 8, Color: aluminum  |
| 3001624 | FBRN 10-4 N | Fixed bridge, Number of positions: 10, Color: silver   |
| 3001637 | FBRN 20-4 N | Fixed bridge, Number of positions: 20, Color: aluminum |

**Marking**

|         |             |   |
|---------|-------------|---|
| 0805823 | ZB 4:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
|---------|-------------|---|

**Diagrams/Drawings**

Circuit diagram

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