


MZDB 1,5-NS35

Order No.: 3003826

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3003826>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.14 mm² - 2.5 mm², AWG 26 - 14, Width: 10.4 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15



| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 106867 |
| sales group | A610 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 167 (CL-2009) |

Product notes

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



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| Technical data | |
|-----------------------|------|
| General | |
| Number of levels | 1 |
| Number of connections | 4 |
| Color | gray |

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

Dimensions

| | |
|------------------|---------|
| Width | 10.4 mm |
| Length | 42.7 mm |
| Height NS 35/7.5 | 32 mm |
| Height NS 35/15 | 39.5 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 24 A (with 2.5 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 | 17.5 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U _N | 800 V |
| Open side panel | ja |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule with 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 |
| Type of connection | Spring-cage connection |
| Stripping length | 9 mm |
| Internal cylindrical gage | A1 |

Certificates / Approvals



Certification CUL, GOST, PRS, UL

Certification Ex: KEMA-EX

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 |
| 3024193 | D-MZB 1,5-NS35 | End cover, Length: 42.7 mm, Width: 4 mm, Color: gray |
| 3024436 | D-MZB 1,5-NS35 BU | End cover, Length: 42.7 mm, Width: 4 mm, Color: blue |
| 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

| | | |
|---------|------------|---|
| 3131138 | ESB 2-FK | Insertion bridge, Number of positions: 2 |
| 3029703 | ESB 2-MZDB | Insertion bridge, Number of positions: 2, Color: gray |

Marking

| | | |
|---------|---------------|---|
| 0803647 | ZBFM 5:SO/CMS | Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements |
|---------|---------------|---|

Tools

| | | |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
| 3024287 | ZFK-BW 2-5 | Actuation tool, for loosening the tension spring, 2-pos. |

Diagrams/Drawings

Circuit diagram



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