

**MZB 1,5**

Order No.: 3003716

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3003716>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG 26 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 15



Commercial data	
EAN	4017918107024
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.004416 KG
Catalog page information	Page 164 (CL-2009)

## Product notes

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



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****General**

Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	5.2 mm
Length	32 mm

**Technical data**

Maximum load current	24 A (with 2.5 mm <sup>2</sup> 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 <sub>N</sub>	17.5 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 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	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 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.	1 mm <sup>2</sup>
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

#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	15 A
AWG/kcmil	26-14

#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	15 A
AWG/kcmil	26-14

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3024177	D-MZB 1,5	End cover, Length: 32 mm, Width: 4 mm, Color: gray
3024423	D-MZB 1,5 BU	End cover, Length: 32 mm, Width: 4 mm, Color: blue
1401637	E/MBK	End bracket, width: 6.2 mm, color: gray
1401763	NS 15 AL PERF 2000MM	DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401682	NS 15 PERF 2000MM	DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

#### 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	Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm
3024287	ZFK-BW 2-5	Actuation tool, for loosening the tension spring, 2-pos.

**Diagrams/Drawings**

Circuit diagram



Approbationslogos (EX-Bereich)



MZB 1,5 Order No.: 3003716

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3003716>

---

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact  
Technical modifications reserved;