


**MZB 1,5**

Order No.: 3003716

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3003716>

Feed-through modular terminal block, Connection method: 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	 4 017918 107024
Pack	50 Pcs.
Customs tariff	85369010
Product key	101610
Catalog page information	Page 233 (CL1-2011)

**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	gray

Insulating material	PA
Inflammability class according to UL 94	V0
<b>Dimensions</b>	
Width	5.2 mm
Length	32 mm
<b>Technical data</b>	
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
<b>Connection data</b>	
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>
Connection method	Spring-cage connection
Stripping length	9 mm

Internal cylindrical gage	A 1
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**Certificates / Approvals**

Certification	CUL, GOST, PRS, UL
Certification Ex:	KEMA-EX

**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 clamp, 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 galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

<b>Marking</b>		
0803647	ZBFM 5:SO/CMS	Flat zack marker sheet, white, For terminal block width: 5.2 mm

<b>Tools</b>		
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.

**Drawings**

Circuit diagram



Connection data incl. use groups

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