


**MZDB 1,5-M**

Order No.: 3003842

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Feed-through modular terminal block, Type of connection: Spring-cage connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG 26 - 14, Width: 10.4 mm, Height: 22 mm, Color: gray

**Commercial data**

GTIN (EAN)	 4 017918 106959
sales group	A611
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 169 (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	32 mm
Height	22 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 (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	800 V
Number of positions	1

**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

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3024180	D-MZB 1,5-F	End cover, Width: 4 mm, Color: gray
3024449	D-MZB 1,5-F BU	End cover, Width: 4 mm, Color: blue

<b>Bridges</b>		
3131138	ESB 2-FK	Insertion bridge, Number of positions: 2
3029703	ESB 2-MZDB	Insertion bridge, Number of positions: 2, Color: gray

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

<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.

**Diagrams/Drawings**

Circuit diagram



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