


MZDB 1,5

Order No.: 3003800

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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 15

**Commercial data**

GTIN (EAN)	
sales group	A610
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 165 (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

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		
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, 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
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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