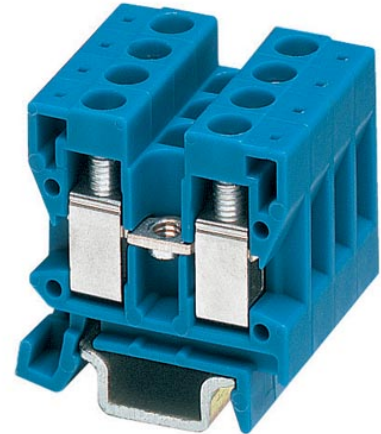


**MBK 2,5/E BU**

Order No.: 1414019

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1414019>Modular terminal block with screw connection, cross section: 0.2- 2.5 mm<sup>2</sup>, AWG: 24- 14, width: 5.2 mm, color: Blue

Commercial data	
EAN	4017918021276
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00442 KG
Catalog page information	Page 352 (CL-2007)

## Product notes

WEEE/RoHS-compliant since:  
01/01/2003

<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	blue
Insulating material	PA
Inflammability class acc. to UL 94	V2

**Dimensions**

Width	5.2 mm
Length	24.5 mm

**Technical data**

Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	4 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>	24 A
Nominal voltage U <sub>N</sub>	250 V
Open side panel	ja

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>

2 conductors with same cross section, stranded max.	0.75 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.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm <sup>2</sup>
Cross-section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross-section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M 3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Certificates / Approvals

#### Approval logo



#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	28-12

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	30-12

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	20 A

AWG/kcmil	30-12
Certification	BV, CSA, CUL, GOST, LR, PRS, RS, UL

**requested approbations**

Certification Ex:	IECEX, KEMA-EX
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**Accessories**

Item	Designation	Description
<b>Assembly</b>		
1413227	ATP-MBK	Separating plate, width: 2.5 mm, color: gray
1414022	D-MBK 2,5/E BU	Cover, width: 1 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

**Bridges**

1401158	EB 2- 5	Insertion bridge, 2-pos., fully insulated
1401145	EB 3- 5	Insertion bridge, 3-pos., fully insulated
1401132	EB 10- 5	Insertion bridge, 10-pos., divisible, fully insulated
2770639	FBRNI 10-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 10-pos., divisible
3000609	FBRNI 20-5 N	Fixed bridge, 20-pos.

**Marking**

1400133	BNB-ZB 5,2:SO/CMS	BNB Zack strip, special printing, 10-section, divisible, marking according to customer requirements
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**Plug/Adapter**

0601292	PSB 3/10/4	Test plug socket, not insulated, length: 10 mm, screw thread width: 3 mm, socket width: 4 mm
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**Tools**

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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