

MBK 3/E-Z


Order No.: 1413036



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1413036>

Feed-through modular terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG 24 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 15



Commercial data	
GTIN (EAN)	 4 017918 021115
sales group	A100
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 517 (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 acc. to UL 94	V2

Dimensions

Width	5.2 mm
Length	28 mm

Technical data

Maximum load current	32 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 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	24 A
Nominal voltage U _N	500 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded 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
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Cross-section with insertion bridge, solid max.	2.5 mm ²
Cross-section with insertion bridge, stranded max.	2.5 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals



Certification

CSA, CUL, GOST, PRS, UL

Certification Ex:

IECEX, KEMA-EX

Accessories

Item	Designation	Description
Assembly		
1413227	ATP-MBK	Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray
1415021	D-MBK/E	End cover, Length: 28 mm, Width: 1 mm, Height: 26.2 mm, Color: gray
1401637	E/MBK	End clamp, width: 6.2 mm, color: gray
0201595	FB-150 METER	Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long
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
2770215	TS-KK 3	Separating plate, Length: 14 mm, Height: 16 mm, Color: gray

Bridges

2303132	EBL 10- 5	Insertion bridge, Number of positions: 10, Color: gray
2770642	FBRI 10-5 N	Fixed bridge, Number of positions: 10, Color: silver
1413230	SBRN 2-7	Switching jumper, Color: silver

Marking

1007219	SBS 5:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

0601292	PSB 3/10/4	Female test connector, Color: silver
0201304	PSBJ 3/13/4	Female test connector, Color: silver
0201647	RPS	Reducing plug, Color: gray

Tools

1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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