

MBK 5/E-TG

Order No.: 1415089



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1415089>

Modular terminal block with screw connection, cross section: 0.2 - 4 mm², AWG: 24 - 12, width: 6.2 mm, color: gray

Commercial data

EAN	4017918021375
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00789 KG
Catalog page information	Page 320 (CL-2007)

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	6.2 mm
Length	28 mm

Technical data

Maximum load current	16 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	16 A
Nominal voltage U _N	500 V

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.	4 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.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 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, 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

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.	1.5 mm ²
Cross-section with insertion bridge, solid max.	1.5 mm ²
Cross-section with insertion bridge, stranded max.	1.5 mm ²
Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	15 A
AWG/kcmil	28-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	20 A
AWG/kcmil	28-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	20 A
AWG/kcmil	28-12
Certification	CSA, CUL, GOST, PRS, UL

Accessories

Item	Designation	Description
Assembly		
1413706	D-MBK 5/E-T	Cover, width: 1 mm, color: gray
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

0201155	EB 2- 6	Insertion bridge, 2-pos., fully insulated
0201142	EB 3- 6	Insertion bridge, 3-pos., fully insulated
0201139	EB 10- 6	Insertion bridge, 10-pos., divisible, fully insulated

Marking

1400146	BNB-ZB 6,2:SO/CMS	BNB Zack strip, special printing, 10-section, divisible, marking according to customer requirements
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Tools

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

Circuit diagram



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