

MBK 3/E-Z

Order No.: 1413036

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

**Commercial data**

EAN	4017918021115
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00491 KG
Catalog page information	Page 433 (CL-2009)

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
Type of connection	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

CSA

Nominal voltage U_N	600 V
Nominal current I_N	20 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	600 V
Nominal current I_N	20 A
AWG/kcmil	28-12

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 bracket, 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, Color: gray
Bridges		
2303132	EBL 10- 5	Cross connector/bridge, Number of positions: 10, Color: gray
2770642	FBRI 10-5 N	Cross connector/bridge, Number of positions: 10, Color: silver
1413230	SBRN 2-7	Cross connector/bridge, 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	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

Diagrams/Drawings

Circuit diagram



Approbationslogos (EX-Bereich)



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