

MBK 5/E-Z

Order No.: 1402940



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Modular terminal block with screw connection, cross section: 0.2- 4 mm², AWG: 24- 10, width: 6.2 mm, color: Gray

Commercial data

EAN	4017918116941
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00632 KG
Catalog page information	Page 353 (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	V0

Dimensions

Width	6.2 mm
Length	28 mm

Technical data

Maximum load current	41 A (with 6 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	41 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.	6 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	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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, TWIN ferrules with plastic sleeve, min.	0.5 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 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
Cross-section with insertion bridge, solid max.	4 mm ²
Cross-section with insertion bridge, stranded max.	4 mm ²
Type of connection	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Certificates / Approvals



CUL

Nominal voltage U _N	600 V
Nominal current I _N	30 A
AWG/kcmil	26-10

UL

Nominal voltage U _N	600 V
Nominal current I _N	30 A
AWG/kcmil	26-10
Certification	CUL, PRS, UL

Accessories

Item	Designation	Description
Assembly		
1413227	ATP-MBK	Separating plate, width: 2.5 mm, color: gray
1415021	D-MBK/E	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
2770215	TS-KK 3	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray

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
0203250	FBI 10- 6	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
0201650	FBI 100- 6	Fixed bridge, 100-pos.
0201867	FBI 20- 6	Fixed bridge, 20-pos.
1413230	SBRN 2-7	Switching bridge, 2-pos.

Marking

1007222	SBS 6:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

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 ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Address

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