Feed-through terminal block - MBK - 1401019

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG 24 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 15

Why buy this product

- MBK ... mini strip terminal blocks and their variants represent the original, typical shape of the MBK ... range
- The individual number of terminal blocks required can be cut off the strip supplied as a linked strip and slid onto the 15 mm NS 15 DIN rail
- Despite their very compact design, potential distribution is still possible with the mini strip terminal blocks with screw connection using up to 10-pos. insertion bridges
- If mounted without rails, terminal block bases comprising a maximum of twelve terminal blocks are fixed with the E/MBK end bracket and screwed onto the mounting plate

Key commercial data

Packing unit	1
Minimum order quantity	200
Catalog page	Page 520 (CL1-2011)
GTIN	4 017918 020194
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

Dimensions

Width	5.2 mm
Length	22 mm

Technical data

Maximum load current	24 A (with 2.5 mm2 conductor cross section)
Rated surge voltage	6 kV

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Technical data

Technical data

Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current IN	17.5 A
Nominal voltage UN	500 V
Open side panel	nein

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
Cross section with insertion bridge, solid max.	1.5 mm²
Cross section with insertion bridge, stranded max.	1.5 mm²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A 1
Screw thread	M2,6
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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Classifications

eclass

eCl@ss 4.0	27141123
eCl@ss 4.1	27141123
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120

etim

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897

unspsc

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

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CSA / UL Recognized / cUL Recognized / GOST / LR / BV / DNV / RS / NK / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	28-12
Nominal current IN	25 A
Nominal voltage UN	150 V

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Approvals

UL Recognized

mm²/AWG/kcmil	30-14
Nominal current IN	15 A
Nominal voltage UN	300 V

cUL Recognized

mm²/AWG/kcmil	30-14
Nominal current IN	15 A
Nominal voltage UN	300 V

GOST

LR

BV

DNV

RS

NK

GOST

cULus Recognized

Accessories

Accessories

Assembly

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Accessories

DIN rail - NS 15 AL PERF 2000MM - 1401763

DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m

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DIN rail - NS 15 UNPERF 2000MM - 1401695

DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

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DIN rail perforated - NS 15 PERF 2000MM - 1401682

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm

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End clamp - E/MBK - 1401637

End clamp, width: 6.2 mm, color: gray

Partition plate - ATP-MBK - 1413227

Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray

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Partition plate - ATS-MBK - 1402225

Partition plate, Color: gray

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Accessories

Separating plate - TP-BK/MBK - 0801791

Separating plate, Length: 80 mm, Width: 2 mm, Height: 42 mm, Color: gray

Bridges

Insertion bridge - EB 2- 5 - 1401158

Insertion bridge, Number of positions: 2, Color: gray

Insertion bridge - EB 3- 5 - 1401145

Insertion bridge, Number of positions: 3, Color: gray

Insertion bridge - EB 10- 5 - 1401132

Insertion bridge, Number of positions: 10, Color: gray

Tools

Screwdriver - SZS 0,6X3,5 - 1205053

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

Marker pin - BN-ZB 5,2/WH CUS - 0824271

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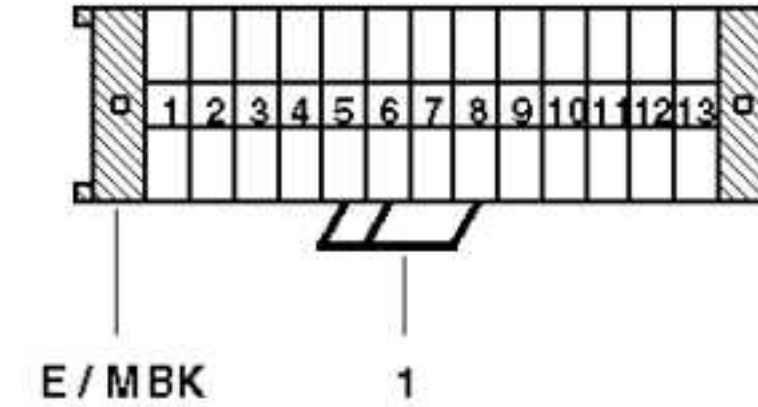
Accessories

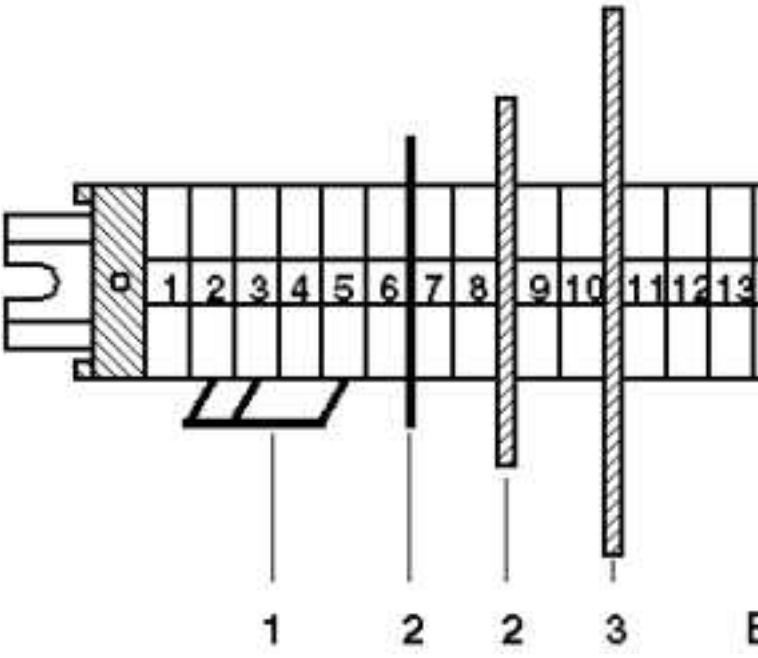
Marker pin, Strip, white, Labeled according to customer specifications, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Drawings

Circuit diagram

Circuit diagram





1 = insertion bridge
2 = partition plate
3 = separating plate