

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 mm ² conductor cross section)
Rated surge voltage	6 kV

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Technical data

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

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
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 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 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 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 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.	0.75 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.	0.5 mm ²
Cross section with insertion bridge, solid max.	1.5 mm ²
Cross section with insertion bridge, stranded max.	1.5 mm ²
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


Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	28-12
Nominal current I _N	25 A
Nominal voltage U _N	150 V

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Approvals

UL Recognized	
mm ² /AWG/kcmil	30-14
Nominal current I _N	15 A
Nominal voltage U _N	300 V

cUL Recognized	
mm ² /AWG/kcmil	30-14
Nominal current I _N	15 A
Nominal voltage U _N	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

DIN rail - NS 15 UNPERF 2000MM - 1401695



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

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

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

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

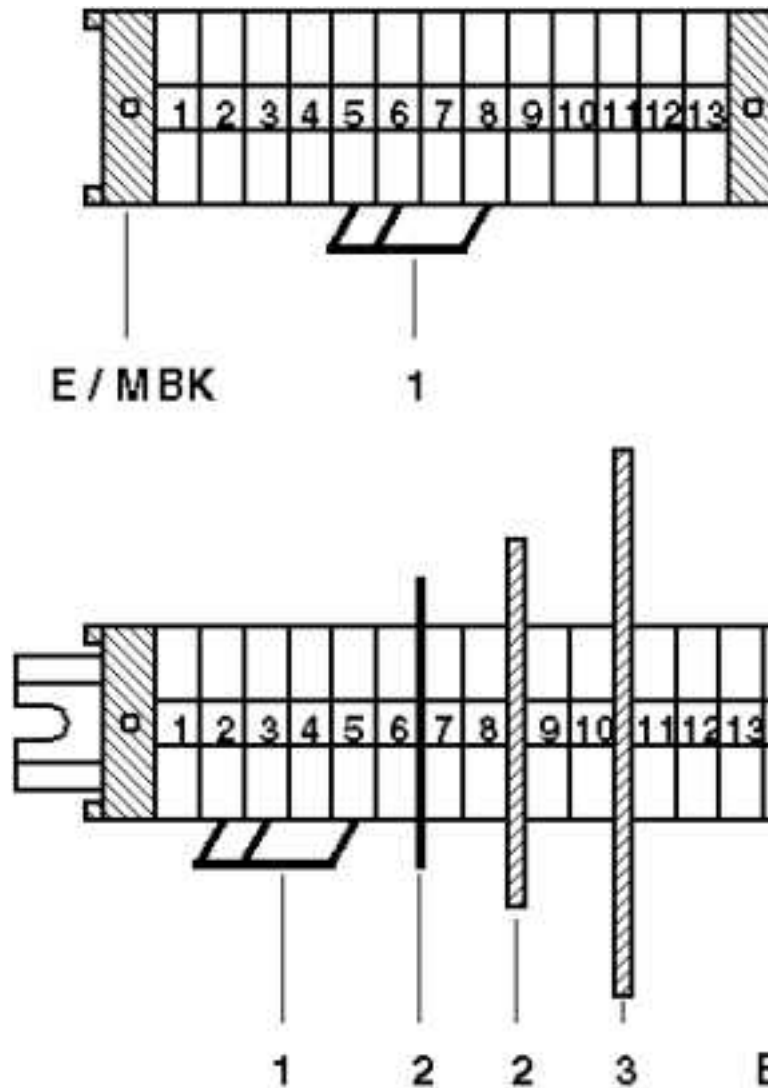
Marker pin, Strip, white, Labeled according to customer specifications, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Drawings

Circuit diagram



Circuit diagram



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

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