Mini feed-through terminal block - MBK 5 - 1415018

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Mini feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 6.2 mm, Color: gray, Mounting type: NS 15

Product Features

- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear arrangement thanks to marking of all terminal points
- Easy potential distribution thanks to standardized plug-in bridges

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	4 017918 021344
Weight per Piece (excluding packing)	7.83 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Pollution degree	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	32 A (with 4 mm² conductor cross section)
Nominal current I_N	32 A
Nominal voltage U_N	500 V
Open side panel	ja

Dimensions

Width	6.2 mm
End cover width	2.5 mm
Length	28 mm
Height NS 15	32 mm

Connection data

Note	Terminal point
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 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.	1.5 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

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
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811

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Classifications

UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / GL / BV / PRS / NK / NK / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	28-10
Nominal current IN	10 A
Nominal voltage UN	300 V

UL Recognized

	B	C	D
mm²/AWG/kcmil	26-10	26-10	26-10
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

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Approvals

cUL Recognized

	B	C	D
mm²/AWG/kcmil	26-10	26-10	26-10
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

LR

GL

BV

PRS

NK

mm²/AWG/kcmil	4
Nominal current IN	36 A
Nominal voltage UN	500 V

NK

mm²/AWG/kcmil	4
Nominal current IN	36 A
Nominal voltage UN	500 V

EAC

EAC

cULus Recognized

Drawings

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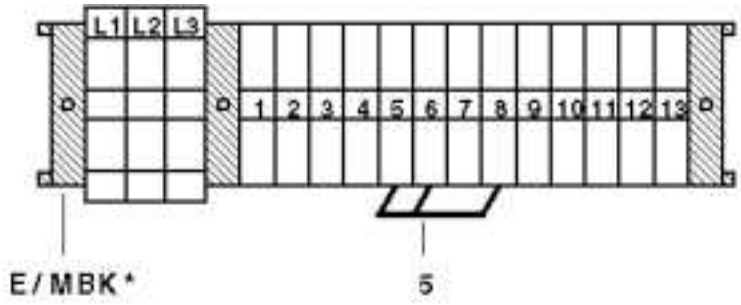
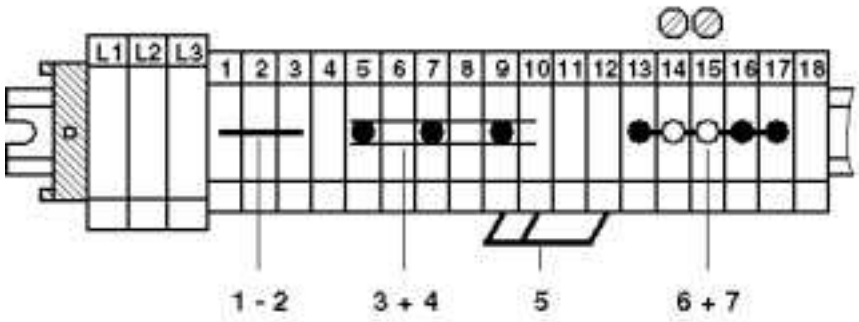
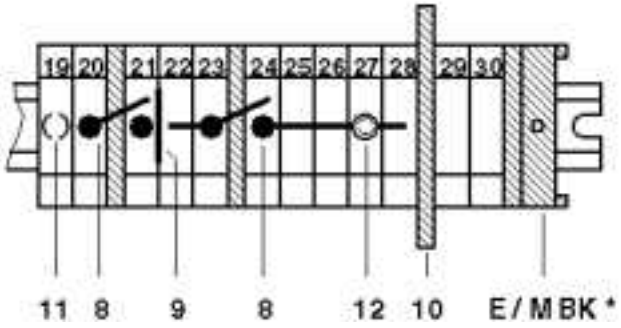
Circuit diagram

Circuit diagram







1 = cover
2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar
3 = fixed bridge, for cross-connections in the terminal center, with crimped-on rollers
4 = insertion bridge
5 = isolator bridge bar
6 = bridge bar isolator
7 = switch bar for 2 terminal blocks
8 = separating plate
9 = partition plate
10 = test plug socket