

Mini ground terminal block - MBK 5/E-Z -PE - 0452043

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Mini ground terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: green-yellow, Mounting type: NS 15

Product Features

- If the mini ground terminal blocks are at the end of a terminal strip, an end bracket, e.g., E/MK, should be used
- The green-yellow housing clearly indicates the protective conductor function of the terminal block
- These mini ground terminal blocks were specifically designed for 15 mm NS 15 DIN rails according to EN 60715
- The mini ground terminal blocks are electrically connected to the DIN rail via their foot elements, which means that the DIN rail can be used as a grounding busbar



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	7.236 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

Mini ground terminal block - MBK 5/E-Z -PE - 0452043

Technical data

General

Connection in acc. with standard	IEC 60947-7-2
Open side panel	No

Dimensions

Width	6.2 mm
Length	28 mm
Height NS 15	32 mm

Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
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 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, 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
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm

Mini ground terminal block - MBK 5/E-Z -PE - 0452043

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Connection data

Tightening torque max	0.8 Nm
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Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-2
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141
eCl@ss 9.0	27141141

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

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

Approvals

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UL Recognized / cUL Recognized / PRS / EAC / EAC / cULus Recognized

Mini ground terminal block - MBK 5/E-Z -PE - 0452043

Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	26-14

cUL Recognized 	
mm²/AWG/kcmil	26-14

PRS

EAC

EAC

cULus Recognized 
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Drawings

Circuit diagram

