

## 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 mm<sup>2</sup> - 6 mm<sup>2</sup>, 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 <sup>2</sup>
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Pollution degree	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	nein

#### 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 <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm

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## Technical data

### 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

### Approvals

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Approvals

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

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## Approvals

Ex Approvals

Approvals submitted

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-14

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-14

PRS

EAC

EAC

cULus Recognized
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## Drawings

Circuit diagram



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