

## PCB connection terminal block - MKDSO 2,5/ 4-R BU - 2908045

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °

### Product Features

- PCB terminal block for ME/ME MAX electronics enclosure
- 5 mm pitch
- PCB terminal block orthogonal to the PCB

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	8.21 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	15.3 mm
Constructional height	18 mm
Pin dimensions	0,8 x 1
Hole diameter	1.4 mm

#### General

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V

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### Technical data

#### General

Connection in acc. with standard	EN-VDE
Nominal current $I_N$	24 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	24 A
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	8 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 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.	0.75 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.	1.5 mm <sup>2</sup>

### Classifications

#### eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27141190

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## Classifications

### eCl@ss

eCl@ss 6.0	27141190
eCl@ss 7.0	27141190
eCl@ss 8.0	27440401

### ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC002637
ETIM 5.0	EC002643

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals


#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted


### Approval details

			
		B	D
	mm <sup>2</sup> /AWG/kcmil	28-12	28-12
	Nominal current I <sub>N</sub>	10 A	10 A


## PCB connection terminal block - MKDSO 2,5/ 4-R BU - 2908045

### Approvals


	B	D
Nominal voltage UN	300 V	300 V

UL Recognized 

	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 


mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	24 A
Nominal voltage UN	450 V

cUL Recognized 

	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12
Nominal current IN	20 A	10 A
Nominal voltage UN	300 V	300 V

CCA

mm <sup>2</sup> /AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	450 V

IECEE CB Scheme 

mm <sup>2</sup> /AWG/kcmil	2.5
Nominal current IN	24 A

## PCB connection terminal block - MKDSO 2,5/ 4-R BU - 2908045

### Approvals

Nominal voltage UN	450 V
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EAC
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cULus Recognized 
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