

PCB terminal block - MKDSO 2,5/ 3-L - 1707221

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

Why buy this product

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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 136819
GTIN	4017918136819
Weight per Piece (excluding packing)	5.900 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	15.3 mm
Pitch	5 mm
Dimension a	10.00 mm
Constructional height	18 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,8 x 1

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Technical data

Dimensions

Hole diameter	1.4 mm
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General

Range of articles	MKDSO 2,5/...-L
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)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	8 mm
Number of positions	3
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 ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 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
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded max.	0.75 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.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Standards and Regulations

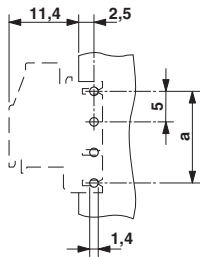
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

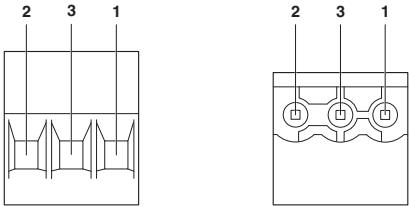
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram



Schematic diagram



Pin assignment left

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / CCA / IECCEB CB Scheme / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
mm²/AWG/kcmil	28-12	28-12	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40023968
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	450 V		

CCA	CCA/DE1 33724		
mm²/AWG/kcmil	2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	450 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-39126
mm²/AWG/kcmil	2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	450 V		

EAC		B.01742	
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Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19770427		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	20 A	10 A
Nominal voltage U _N	300 V	300 V