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PCB terminal block - MKDSO 2,5 HV/ 3R-7,5 KMGY - 2890959

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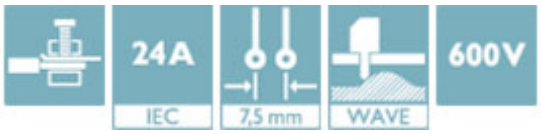
PCB terminal block, Nominal current: 24 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Article with lateral pin exit

Why buy this product

- PCB terminal block for ME MAX electronics housing
- 7.5 mm pitch
- PCB terminal block orthogonal to the PCB



Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 101578

Technical data

Dimensions

Pitch	7.50 mm
Dimension a	15 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 mm x 1 mm
Hole diameter	1.4 mm

General

Range of articles	MKDSO 2,5 HV/..-R
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	600 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 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 mm²
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.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 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
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.25 mm²
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.	0.25 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
	CUL
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27141190
eCl@ss 7.0	27141190
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C	D
mm²/AWG/kcmil	30-12	30-12	30-12

PCB terminal block - MKDSO 2,5 HV/ 3R-7,5 KMGY - 2890959

Approvals

	B	C	D
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	24 A
Nominal voltage UN	750 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	30-12	30-12	30-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

CCA

mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	750 V

IECEE CB Scheme

mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	750 V

EAC

cULus Recognized

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Product	Code	Reference	Product link
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