

PCB terminal block - FKDSO 2,5/ 2-L KMGY - 2200315

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PCB terminal block, Nominal current: 22 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 2, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

Product Features

- ✓ Spring-cage PCB terminal block for ME/ME MAX electronics housing
- ✓ Push-in Technology simplifies connection
- ✓ 5 mm pitch



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	2.4 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	25.9 mm
Height	26.5 mm
Pitch	5 mm
Dimension a	5 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	5.08 mm
Hole diameter	1.4 mm

General

Range of articles	FKDSO 2,5/...-L
Insulating material group	I

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Technical data

General

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)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	22 A
Nominal cross section	2.5 mm ²
Maximum load current	22 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
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.	1.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

Classifications

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401

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Classifications

eCl@ss

eCl@ss 5.0	27180506
eCl@ss 5.1	27141190
eCl@ss 6.0	27141190
eCl@ss 7.0	27141190
eCl@ss 8.0	27141190

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC002643
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

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECCEB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 		
	B	D
mm²/AWG/kcmil	24-14	24-14
Nominal current I _N	10 A	5 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	22 A
Nominal voltage U _N	250 V

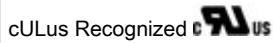
cUL Recognized 		
	B	D
mm²/AWG/kcmil	24-14	24-14
Nominal current I _N	10 A	5 A
Nominal voltage U _N	300 V	300 V

CCA	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	22 A
Nominal voltage U _N	250 V

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-2.5
Nominal current I _N	22 A
Nominal voltage U _N	250 V

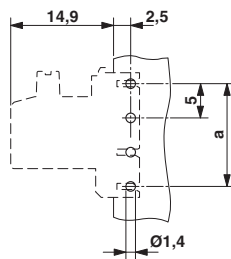
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Approvals

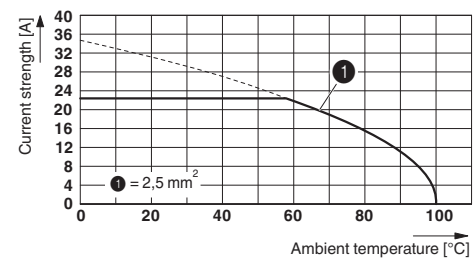


Drawings

Drilling diagram



Diagram



Type: FKDSO 2,5/...KMGY
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1

Dimensioned drawing

