PCB terminal block - FKDSO 2,5/ 2-R KMGY - 2200316

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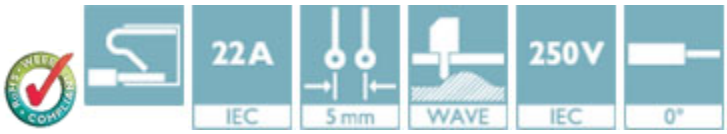
PCB terminal block, Nominal current: 22 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: light gray, Article with lateral pin exit

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 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	25.9 mm
Pitch	5.00 mm
Dimension a	5 mm
Constructional height	24 mm
Height	26.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	7.62 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	FKDSO 2,5/..-R
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)	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 mm²
Maximum load current	22 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	2

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, 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
	CUL
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

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

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECEE CB Scheme / EAC / EAC / 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 IN	10 A	5 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	22 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	24-14	24-14
Nominal current IN	10 A	5 A
Nominal voltage UN	300 V	300 V

CCA

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	22 A
Nominal voltage UN	250 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	22 A
Nominal voltage UN	250 V

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Approvals

EAC

EAC

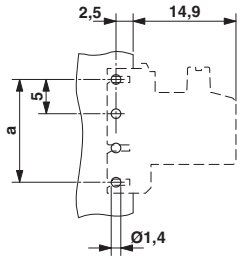
cULus Recognized

Drawings

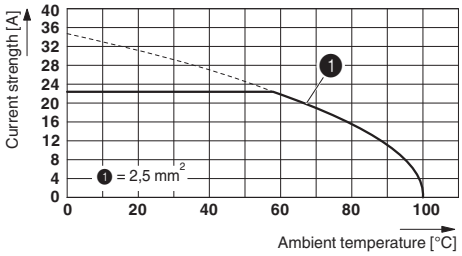
Dimensional drawing

Dimensional drawings can be found under Downloads Design-In

Drilling diagram



Diagram



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