PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



PCB terminal block, Nominal current: 22 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: 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

package_quantity	50
GTIN	4046356563857

Technical data

Dimensions

Length	25.9 mm
Height	26.5 mm
Pitch	5 mm
Dimension a	15 mm
Pin dimensions	0,8 x 1,0 mm
Pin spacing	7.62 mm
Hole diameter	1.4 mm

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

PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

Technical data

General

Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	4

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
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 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
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
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

PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

classifications

UNSPSC

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

approvals

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

Approval details

UL Recognized

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

VDE Gutachten mit Fertigungsüberwachung

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

cUL Recognized

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

CCA

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

PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

approvals

IECEE CB Scheme

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

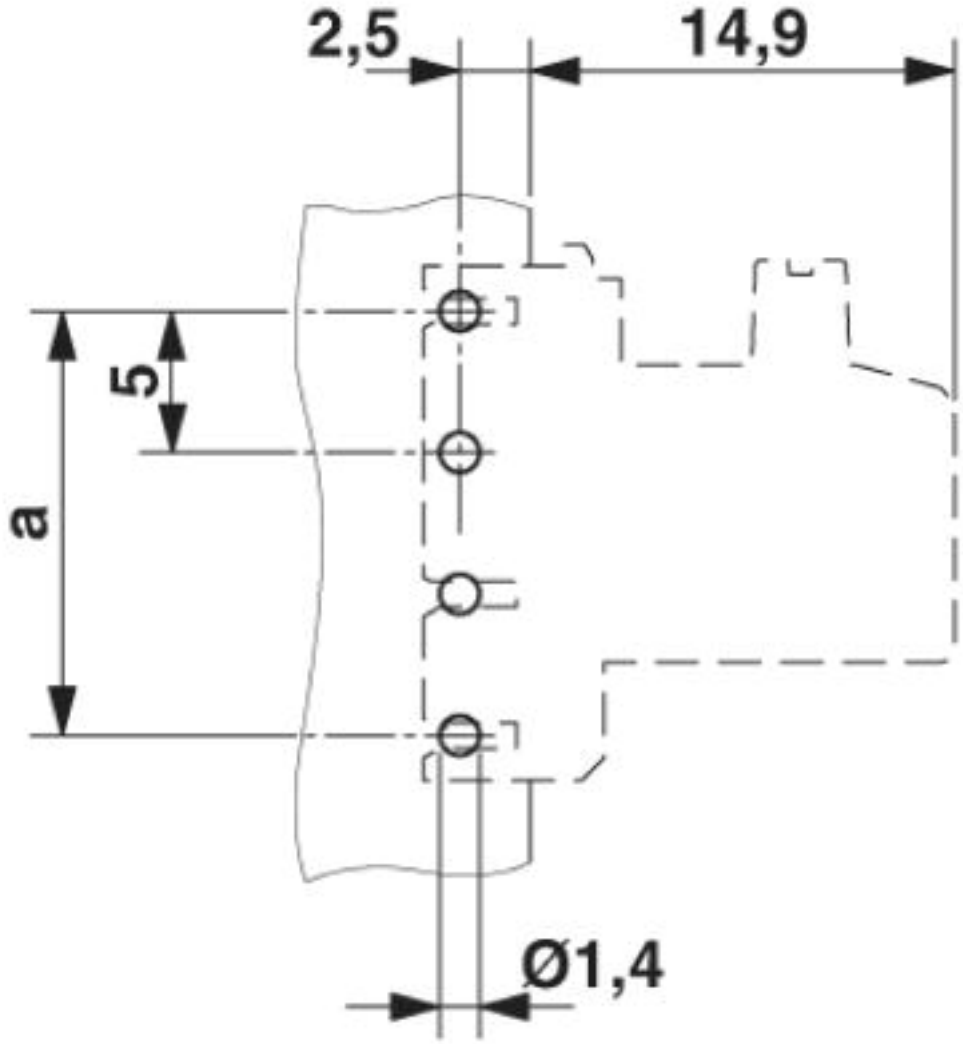
GOST

cULus Recognized

Drawings

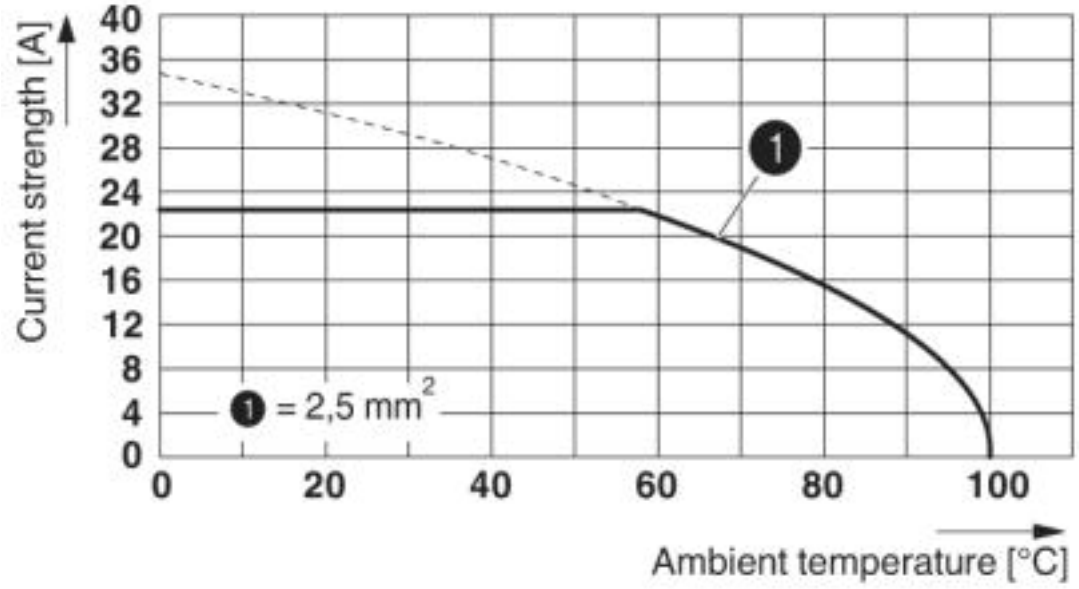
PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

Drilling diagram

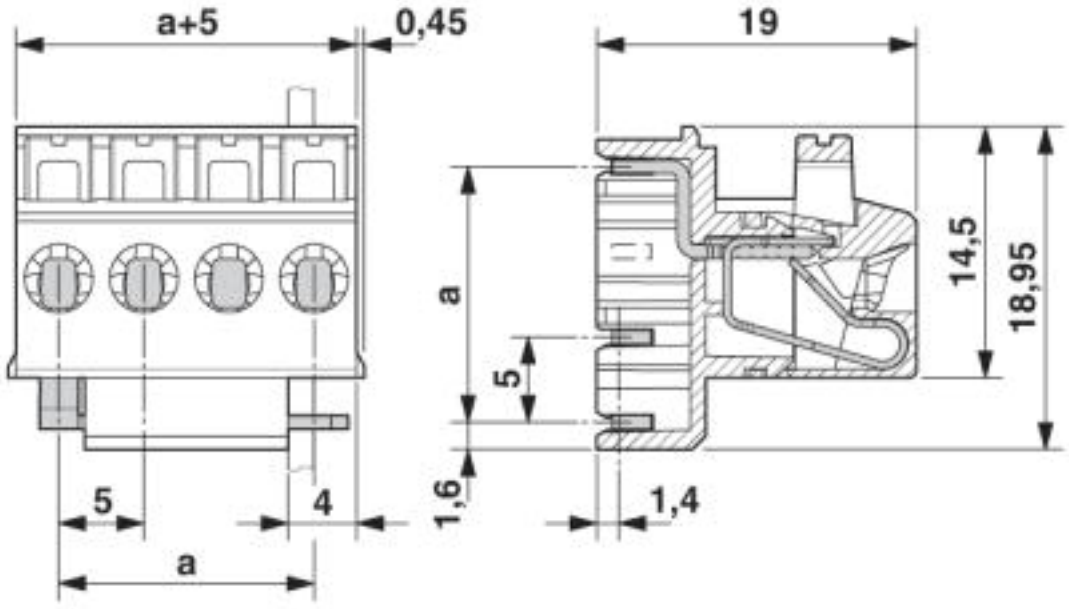


PCB terminal block - FKDSO 2,5/ 4-R KMGY - 2200320

Diagram



Dimensioned drawing



© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com