

PCB terminal block - ZFK3DSA 1,5-6,08 - 1704554

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: 12 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green

Product Features

- Pin-compatible with MK3DS 1,5 and MK4DS 1,5 screw connection PCB terminal blocks; two alternative connection technologies are therefore available for the same application without any complicated changes to the layout
- 5.08 mm pitch
- Modular design enables blocking for larger numbers of positions

Key commercial data

package_quantity	250
GTIN	4017918125851

Technical data

Dimensions

Length	32.2 mm
Width	6.08 mm
Pitch	5.08 mm
Pin dimensions	0,7 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	ZFK3DS(A) 1,5
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	12 A
Nominal cross section	1.5 mm ²
Maximum load current	12 A
Insulating material	PA

PCB terminal block - ZFK3DSA 1,5-6,08 - 1704554

Technical data

General

Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	7.5 mm
Number of positions	1

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.	1.5 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.	1.5 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.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

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	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	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

PCB terminal block - ZFK3DSA 1,5-6,08 - 1704554

classifications

UNSPSC

UNSPSC 13.2	39121432
--------------------	----------

approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

UL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm ² /AWG/kcmil	26-12	26-12

cUL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm ² /AWG/kcmil	26-12	26-12

GOST

cULus Recognized

Drawings