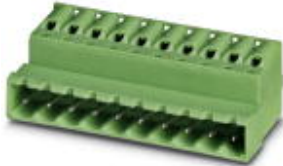


Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

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>)



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

Product Features

- ✓ Can be combined with inverted base strips and plugs for shock-proof applications
- ✓ Plug with inverted contact system (pin contact)
- ✓ SK 5/3,8 or SK 5,08/3,8 marker cards

Key commercial data

package_quantity	50
GTIN	4017918142742

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	5.08 mm

General

Range of articles	FKIC 2,5/...-ST
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)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

Technical data

General

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	12
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 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409

Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

classifications

UNSPSC

UNSPSC 13.2	39121409
--------------------	----------

approvals

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

Approval details

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	250 V
Nominal current IN	12 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	10 A
mm²/AWG/kcmil	26-12	26-12

GOST 	
---	--

IECEE CB Scheme 	
Nominal voltage UN	250 V

Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

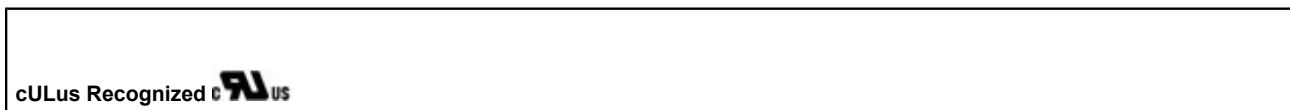
approvals

Nominal current IN	12 A
mm²/AWG/kcmil	0.2-2.5



UL		
Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

CCA	
Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.2-2.5



accessories

Coding element

CR-MSTB - 1734401



Test plug terminal block

Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

accessories

RPS - 0201647



MPS-MT - 0201744



Labeled terminal marker

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Screwdriver tools

SZS 0,6X3,5 - 1205053



accessories

STZ 4-FKC-5,08 - 1876877



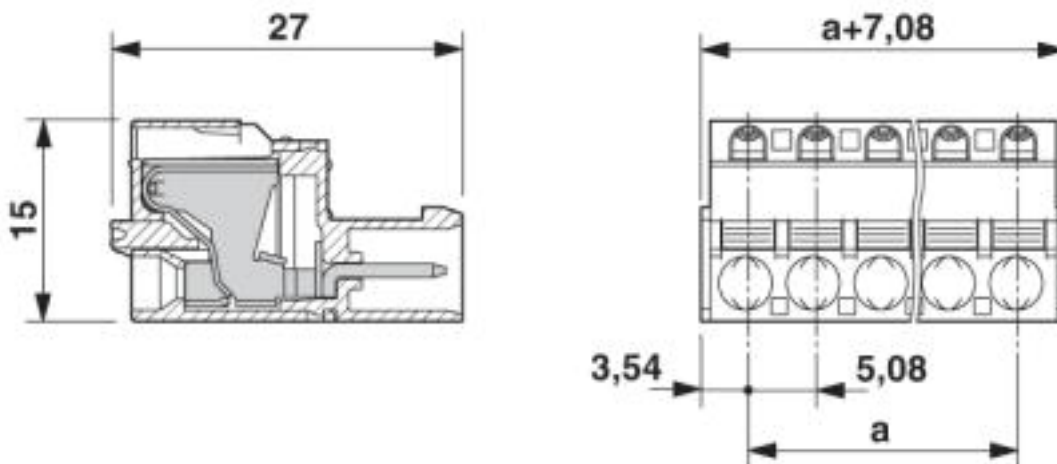
Printed-circuit board connector - FKIC 2,5/ 2-ST-5,08 - 1873359

accessories

STZ 8-FKC-5,08 - 1876880

Drawings

Dimensioned drawing



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