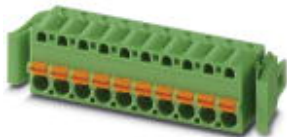


Printed-circuit board connector - FKC 2,5/ 8-ST-RF - 1947117

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, Article with self-locking flange




The figure shows a 10-position version of the product

Why buy this product

- Can be combined with the MSTB 2,5 range
- For larger numbers of positions up to 24-pos., visit: phoenixcontact.net/products
- Fast conductor connection thanks to Push-in spring-cage connection
- Contacting of solid or stranded conductors with ferrules without actuating the opening lever directly in the terminal point
- Two test connections for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 891732
Weight per Piece (excluding packing)	14.05 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	35 mm

General

Range of articles	FKC 2,5/..-ST-RF
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

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Technical data

General

Rated voltage (III/3)	250 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
Number of positions	8

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.	1.5 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

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Classifications

eCl@ss

eCl@ss 8.0	27440309
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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
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm ² /AWG/kcmil	0.2-2.5

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Approvals

Nominal current I_N	12 A
Nominal voltage U_N	250 V

cUL Recognized

	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I_N	10 A	10 A
Nominal voltage U_N	300 V	300 V

IECEE CB Scheme

mm ² /AWG/kcmil	0.2-2.5
Nominal current I_N	12 A
Nominal voltage U_N	250 V

CCA

mm ² /AWG/kcmil	0.2-2.5
Nominal current I_N	12 A
Nominal voltage U_N	250 V

EAC

cULus Recognized

Drawings

Dimensioned drawing

