Printed-circuit board connector - FKIC 2,5 HC/ 3-ST-5,08 BD:2X10 - 1945863

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The figure shows a 10-position version of the product

Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, COMBICON connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.

Key commercial data

package_quantity	50
GTIN	4017918879365

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	10.16 mm

General

Range of articles	FKIC 2,5 HC/..-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	16 A
Nominal cross section	2.5 mm²
Maximum load current	16 A (with 2.5 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 2
Stripping length	10 mm
Number of positions	3

Connection data

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Technical data

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	12
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	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
UNSPSC 13.2	39121409

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approvals

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

Approval details

UL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	16 A	10 A
mm²/AWG/kcmil	26-12	26-12

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	250 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.2-2.5

cUL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	16 A	10 A
mm²/AWG/kcmil	26-12	26-12

IECEE CB Scheme

Nominal voltage UN	250 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.2-2.5

GOST

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approvals

CCA	
Nominal voltage UN	250 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.2-2.5

cULus Recognized

accessories

Coding element

CR-MSTB - 1734401



Test plug terminal block

MPS-MT - 0201744



Insulating sleeve

MPS-IH WH - 0201663



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accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH GN - 0201702



MPS-IH BK - 0201731



Screwdriver tools

SZS 0,6X3,5 - 1205053



Terminal marking

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accessories

SK 5,08/3,8:UNBEDRUCKT - 0805412



Labeled terminal marker

SK 5,08/3,8: 0-9 - 0804303



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



Marker pen

B-STIFT - 1051993



accessories

STZ 4-FKC-5,08 - 1876877



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accessories

STZ 8-FKC-5,08 - 1876880

SK 5,08/3,8:SO - 0805085



Drawings

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