Printed-circuit board connector - FK-MCP 1,5/12-STF-3,5 - 1940198

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The figure shows a 10-position version of the product

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Product Features

- User-friendly actuation of the terminal point using a screwdriver
- Fast conductor connection thanks to Push-in spring-cage connection
- Wide range of possible combinations with MC base strips with 3.5/3.81 mm pitch
- Test connection for accommodating 1.2 mm Ø test pins or 1 mm Ø test plugs

Key commercial data

package_quantity	50
GTIN	4017918877439

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	38.5 mm

General

Range of articles	FK-MCP 1,5/..-STF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm²
Maximum load current	8 A (with 1.5 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1

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Technical data

General

Stripping length	9 mm
Number of positions	12

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	16

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 / GOST / IECEE CB Scheme / GOST / CCA / cULus Recognized /

Approval details

UL Recognized

Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm²/AWG/kcmil	28-16

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

cUL Recognized

Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm²/AWG/kcmil	28-16

GOST

IECEE CB Scheme

Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

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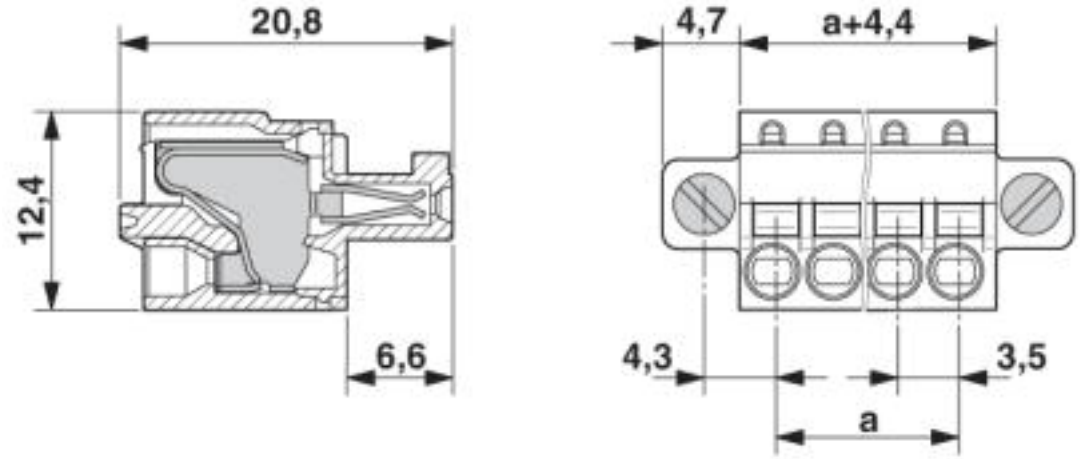
approvals

CCA	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

cULus Recognized

Drawings

Dimensioned drawing



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