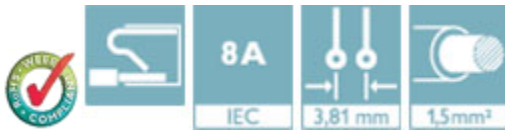


## Printed-circuit board connector - FMC 1,5/12-ST-3,81 BK - 1703578

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Plug component, Nominal current: 8 A, Number of positions: 12, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Tin



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	7.2 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	3.81 mm
Dimension a	41.91 mm

#### General

Range of articles	FMC 1,5/...-ST
Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Number of positions	12

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	24

# Printed-circuit board connector - FMC 1,5/12-ST-3,81 BK - 1703578

## Technical data

### Connection data

Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

### 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

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### Approvals

VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized / IECEE CB Scheme / EAC


# Printed-circuit board connector - FMC 1,5/12-ST-3,81 BK - 1703578

## Approvals

Ex Approvals


Approvals submitted

## Approval details

VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC
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cULus Recognized	
mm <sup>2</sup> /AWG/kcmil	B 24-16
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	150 V

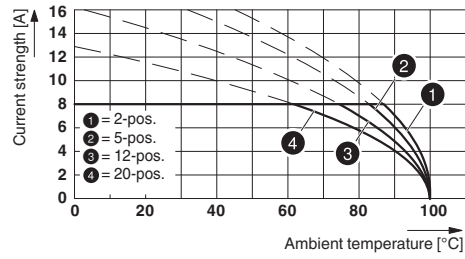
IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC
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## Drawings

# Printed-circuit board connector - FMC 1,5/12-ST-3,81 BK - 1703578

Diagram



Type: FMC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81 P.. THR