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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

#### **Product Features**

- Well-known connection principle allows worldwide use
- Optimized for tight installation situations: operation and conductor connection from one direction
- Screwable flange for superior mechanical stability
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors













## **Key Commercial Data**

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.02 g
Custom tariff number	85366990
Country of origin	Germany

#### Technical data

#### **Dimensions**

Pitch	5.08 mm
Dimension a	5.08 mm

#### General

Range of articles	SMSTB 2,5/STF
Insulating material group	I
Rated surge voltage (III/3)	4 kV



## Technical data

#### General

Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
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 <sub>N</sub>	12 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

## Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²



## Technical data

#### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

## Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

### 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	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



## Approvals

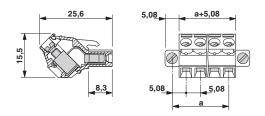
Approvals			
CSA / EAC / cULus Recognized / EA	AC		
Ex Approvals			
Approvals submitted			
Approval details			
CSA 👀			
CSA <b>®</b>	В	D	
	B 28-12	D 28-12	
mm²/AWG/kcmil			
mm²/AWG/kcmil Nominal current IN	28-12	28-12	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN	28-12 15 A	28-12 10 A	
mm²/AWG/kcmil  Nominal current IN  Nominal voltage UN  EAC	28-12 15 A	28-12 10 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN EAC	28-12 15 A	28-12 10 A	
mm²/AWG/kcmil  Nominal current IN  Nominal voltage UN  EAC  cULus Recognized	28-12 15 A 300 V	28-12 10 A 300 V	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN  EAC  CULus Recognized  mm²/AWG/kcmil Nominal current IN	28-12 15 A 300 V	28-12 10 A 300 V	

Drawings

EAC



### Dimensional drawing



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