

Plug - PSC 1,5/ 5-F - 1841912

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Plug component, Nominal current: 8 A, Number of positions: 5, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Why buy this product

- ✔ Well-known mounting principle allows worldwide use
- ✔ Low temperature rise, thanks to maximum contact force
- ✔ Shroud for professional EMC shield feed-through on the inside of the device
- ✔ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 111885
GTIN	4017918111885
Custom tariff number	8536909000
Sales Key	AAAEAA

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	14 mm

General

Range of articles	PSC 1,5/..-F
Type of contact	Female connector
Number of positions	5
Connection method	Screw connection with tension sleeve
Insulating material group	I
Rated voltage (III/3)	250 V (for applications in metal or metal-plated housings, the degree of protection "safety extra-low voltage" must be used.)

<https://www.phoenixcontact.com/cn/products/1841912>

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Technical data

General

Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

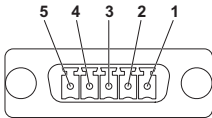
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

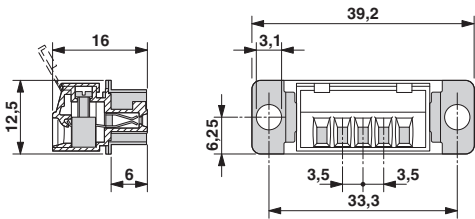
Drawings

Plug - PSC 1,5/ 5-F - 1841912

Schematic diagram



Dimensional drawing



Approvals

Approvals

Approvals
cUL Recognized / CSA / cULus Recognized / EAC
Ex Approvals

Approval details

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
mm²/AWG/kcmil	30-14	
Nominal current I _N	8 A	
Nominal voltage U _N	300 V	

CSA  http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ 13631		
	B	D
mm²/AWG/kcmil	28-16	28-16
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	D
mm²/AWG/kcmil	30-14	30-14

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Approvals

	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

EAC		B.01742
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