

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

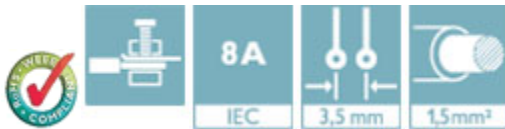
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Plug component, Nominal current: 8 A, Number of positions: 5, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



### Product Features

- Combination of MINI-COMBICON connectors and the good shielding properties and geometry of D-SUB connectors
- Can be used in standard D-SUB housing



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 111885
Weight per Piece (excluding packing)	7.34 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Pitch	3.50 mm
Dimension a	14 mm

#### General

Range of articles	PSC 1,5/..-F
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.)
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A

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## Technical data

### General

Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Number of positions	5
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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 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.	1.5 mm <sup>2</sup>
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

## 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	27449001
eCl@ss 8.0	27440309

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## Classifications

### eCl@ss

eCl@ss 9.0	27440309
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### 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

cUL Recognized / CSA / EAC / cULus Recognized / EAC

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	300 V

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## Approvals

CSA			
	B	D	
	mm <sup>2</sup> /AWG/kcmil	28-16	28-16
	Nominal current I <sub>N</sub>	8 A	8 A
	Nominal voltage U <sub>N</sub>	300 V	300 V

EAC
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cULus Recognized			
	B	D	
	mm <sup>2</sup> /AWG/kcmil	30-14	30-14
	Nominal current I <sub>N</sub>	8 A	8 A
	Nominal voltage U <sub>N</sub>	300 V	300 V

EAC
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## Accessories

### Accessories

#### Cable housing

Housing - SCT-D-SUB 9-KG - 2749550



POWER-SUBCON cable housing, 3-pos.

Housing - SCT-D-SUB 15-KG - 2749563



POWER-SUBCON cable housing, 5-pos.

#### Screwdriver tools

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## Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

## Additional products

Printed-circuit board connector - PSC 1,5/ 5-M - 1841899

Header, Nominal current: 8 A, Number of positions: 5, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



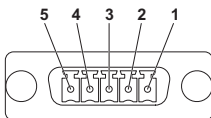
Printed-circuit board connector - PSC 1,5/ 5-M-PE - 1848135

Header, Nominal current: 8 A, Number of positions: 5, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

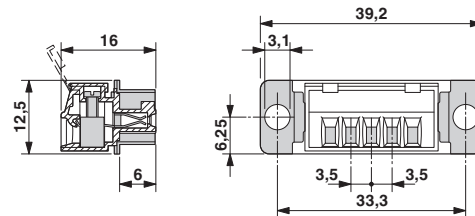


## Drawings

Schematic diagram



Dimensional drawing



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