

Printed-circuit board connector - PSC 1,5/ 3-F - 1841909

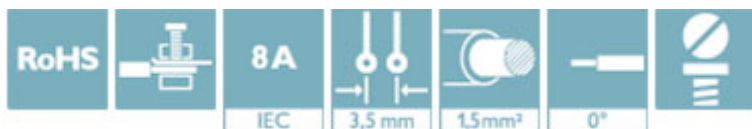
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Plug component, nominal current: 8 A, number of positions: 3, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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 105594
GTIN	4017918105594
Weight per Piece (excluding packing)	5.040 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	16.11 mm
Height	12.5 mm
Width	32.20 mm
Pitch	3.5 mm
Dimension a	7.00 mm

General

Range of articles	PSC 1,5/..-F
Type of contact	Female connector
Number of positions	3

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Technical data

General

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.)
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

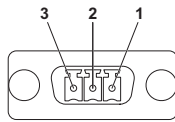
Environmental Product Compliance

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

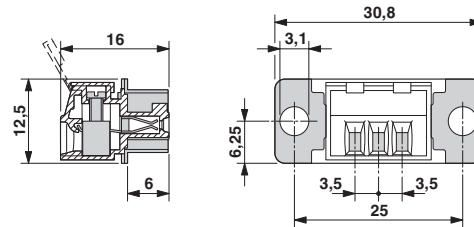
Drawings

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Schematic diagram



Dimensional drawing



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	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

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CSA / cULus Recognized / EAC

Ex Approvals

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Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
mm ² /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	
mm ² /AWG/kcmil	30-14	30-14	
Nominal current I _N	8 A	8 A	
Nominal voltage U _N	300 V	300 V	

EAC		B.01742
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Accessories

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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

Printed-circuit board connector - PSC 1,5/ 3-F - 1841909

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/ 3-M - 1841857



Header, nominal current: 8 A, number of positions: 3, pitch: 3.5 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - PSC 1,5/ 3-M-PE - 1848122



Header, nominal current: 8 A, number of positions: 3, pitch: 3.5 mm, Color: green, Contact surface: Tin, mounting: Wave soldering