

https://www.phoenixcontact.com/cn/products/1848642



Direct connector - SDDC 1,5/ 2-PV-3,5 - 1848642

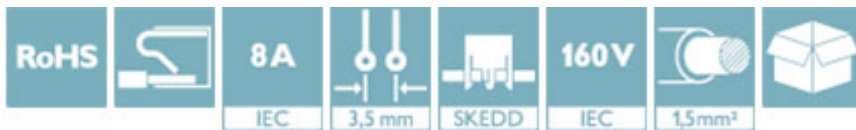
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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin, Mounting: SKEDD - Direct plug-in technology

Why buy this product

- ✓ SKEDD direct plug-in technology enables flexible positioning on the PCB
- ✓ Reduced component and process costs: simple insertion by hand and vibration-resistant connection
- ✓ Time saving push-in connection, tools not required
- ✓ Intuitive use through colour coded actuation lever
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	250 STK
Minimum order quantity	250 STK
GTIN	 4 055626 307114
GTIN	4055626307114
Sales Key	AAAFMB

Technical data

Dimensions

Length	13.5 mm
Height	17.6 mm
Width	14.3 mm
Pitch	3.5 mm
Dimension a	3.5 mm

General

Range of articles	SDDC 1,5/..-PV
Number of positions	2
Connection method	Push-in spring connection

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Technical data

General

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	400 V
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 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.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

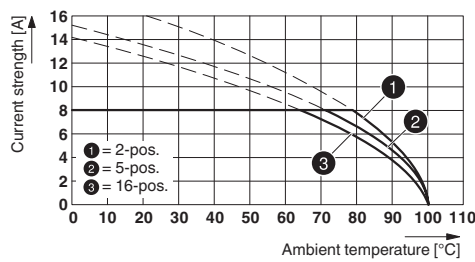
Drawings

<https://www.phoenixcontact.com/cn/products/1848642>



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Diagram



Type: SDDC 1,5/...-PV-3,5

Approvals


Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

cULus Recognized						http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm			E60425-20160718		
			B			D					
mm ² /AWG/kcmil			24-16			24-16					
Nominal current I _N			8 A			8 A					
Nominal voltage U _N			300 V			300 V					

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