

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

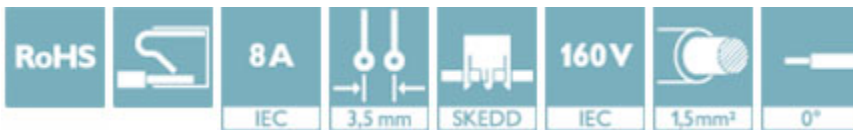
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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 | 1 STK |
| Minimum order quantity | 250 STK |
| GTIN |  4 055626 307114 |
| GTIN | 4055626307114 |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|----------|
| Length | 13.5 mm |
| Height | 17.6 mm |
| Width | 14.30 mm |
| Pitch | 3.5 mm |
| Dimension a | 3.50 mm |

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

Technical data

General

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

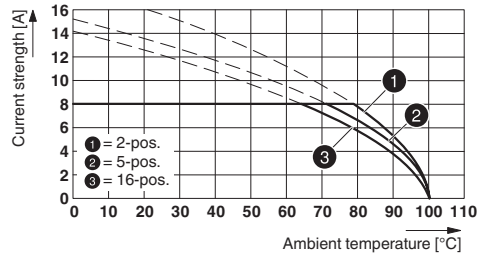
Environmental Product Compliance

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

Drawings

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

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 | |