

Direct connector - SDC 2,5/ 1-PV-5,0-ZB - 1864024

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SKEDD




Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 1, Pitch: 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 | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 055626 210322 |
| Weight per Piece (excluding packing) | 2.22 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | No hazardous substances above threshold values |
|------------|--|

Dimensions

| | |
|--------|----------|
| Length | 15.3 mm |
| Height | 21.2 mm |
| Width | 13.18 mm |
| Pitch | 5.00 mm |

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Technical data

Dimensions

| | |
|-------------|------|
| Dimension a | 0 mm |
|-------------|------|

General

| | |
|----------------------------------|---------------------------|
| Range of articles | SDC 2,5/...-PV |
| Number of positions | 1 |
| Connection method | Push-in spring connection |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 200 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal cross section | 2.5 mm ² |
| Insulating material | PA |
| Stripping length | 10 mm |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 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. | 2.5 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. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |

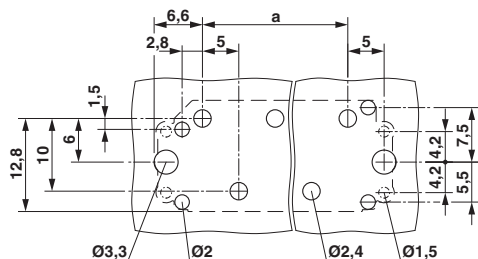
Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

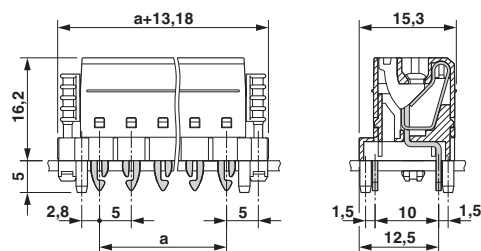
Drawings

Direct connector - SDC 2,5/ 1-PV-5,0-ZB - 1864024

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 mm

Classifications

eCl@ss

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|------------|----------|
| eCl@ss 5.1 | 27261101 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002643 |
|----------|----------|

Approvals

Approvals

Approvals

VDE approval of drawings / cULus Recognized / IECCEB CB Scheme

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|---------|
| VDE approval of drawings | |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current I _N | 12 A |
| Nominal voltage U _N | 320 V |

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Approvals

| cULus Recognized | | | |
|--------------------------------|-------|-------|-------|
| | B | C | D |
| mm ² /AWG/kcmil | 24-12 | 24-12 | 24-12 |
| Nominal current I _N | 12 A | 12 A | 12 A |
| Nominal voltage U _N | 300 V | 600 V | 300 V |

| |
|-----------------|
| IECEE CB Scheme |
|-----------------|