

Direct connector - SDC 2,5/ 5-PV-5,0-ZB - 1864066

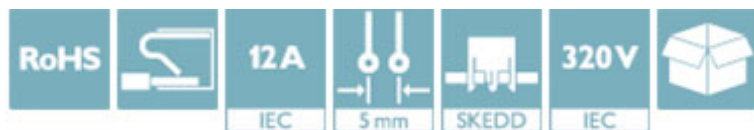
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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin, Mounting: SKEDD - Direct plug-in technology

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 210360 |
| GTIN | 4055626210360 |
| Weight per Piece (excluding packing) | 6.850 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-------------|----------|
| Length | 15.3 mm |
| Height | 21.2 mm |
| Width | 33.18 mm |
| Pitch | 5 mm |
| Dimension a | 20 mm |

General

Direct connector - SDC 2,5/ 5-PV-5,0-ZB - 1864066

Technical data

General

| | |
|--|---------------------------|
| Range of articles | SDC 2,5/..-PV |
| Number of positions | 5 |
| Connection method | Push-in spring connection |
| Insulating material group | IIIa |
| 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 |
| Maximum load current | 12 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| 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 |
| Flammability rating according to UL 94 | V0 |

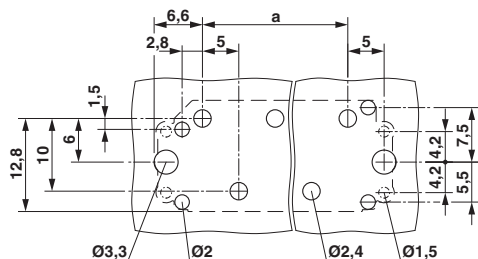
Environmental Product Compliance

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

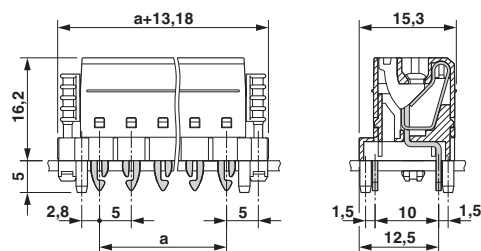
Drawings

Direct connector - SDC 2,5/ 5-PV-5,0-ZB - 1864066

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 mm

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27261101 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002643 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121432 |
|-------------|----------|

Approvals

Approvals

Approvals

VDE approval of drawings / cULus Recognized / IECCE CB Scheme

Ex Approvals

Approval details

| | | | |
|--------------------------------|--|---|----------|
| VDE approval of drawings | | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40044617 |
| 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 | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20160718 |
| | B | D | |
| mm ² /AWG/kcmil | 24-12 | 24-12 | |
| Nominal current I _N | 12 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|-----------------|--|---|-----------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-57473 |
|-----------------|--|---|-----------|

Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

Coding profile, is inserted into the hole in the plug, red insulating material



Connector

Ferrule - AI 0,5 -10 WH - 3201275



Ferrule, Sleeve length: 10 mm, Length: 16 mm, Color: white

Ferrule - AI 0,75-10 GY - 3201288



Ferrule, Sleeve length: 10 mm, Length: 16 mm, Color: gray

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Accessories

Ferrule - AI 1 -10 RD - 3200182



Ferrule, Sleeve length: 10 mm, Length: 16 mm, Color: red

Ferrule - AI 1,5 -10 BK - 3200195



Ferrule, Sleeve length: 10 mm, Length: 16 mm, Color: black

Ferrule - AI 2,5 -10 BU - 3202533



Ferrule, Sleeve length: 10 mm, Length: 17 mm, Color: blue

Ferrule - A 0,5 -10 - 3202494



Ferrule, Length: 10 mm, Color: silver

Ferrule - A 0,75-10 - 3200234



Ferrule, Length: 10 mm, Color: silver

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Accessories

Ferrule - A 1 -10 - 3200250



Ferrule, Length: 10 mm, Color: silver

Ferrule - A 1,5 -10 - 3200276



Ferrule, Length: 10 mm, Color: silver

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Marker card - SK 3,8 REEL P5 WH CUS - 0825124



Marker card, can be ordered: By card, white, labeled according to customer specifications, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: continuous x 3.8 mm

Terminal marking

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Accessories

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

Marker strip - SK 3,8 WH:REEL - 0805218



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: continuous x 3.8 mm

Accessories - MPS-MT 1-S - 1944372



Accessories

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