

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

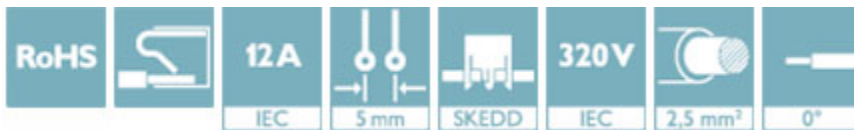
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PCB direct plug, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, mounting: SKEDD - Direct plug-in technology

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	1 STK
Minimum order quantity	50 STK
GTIN	
GTIN	4055626210360
Weight per Piece (excluding packing)	7.200 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	15.3 mm
Width [w]	33.18 mm
Height [h]	21.2 mm
Pitch	5 mm

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Technical data

Dimensions

Dimension a	20 mm
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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
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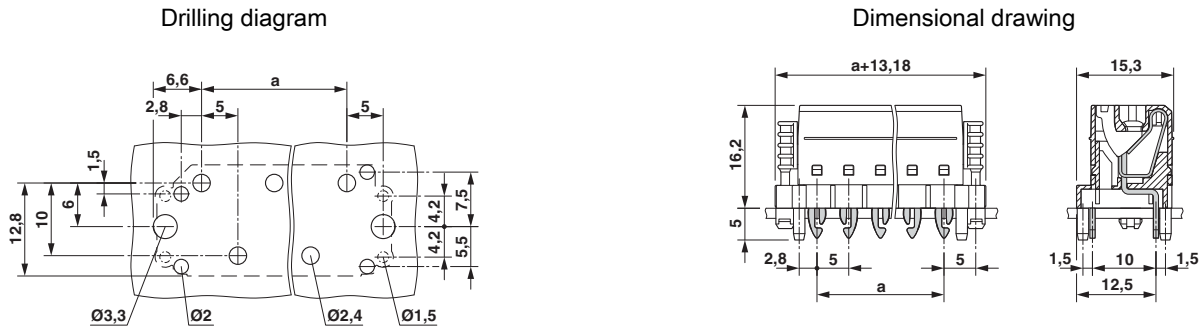
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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Drawings



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	EC002638

UNSPSC

UNSPSC 13.2	39121432
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Approvals

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VDE approval of drawings / cULus Recognized / IECCE CB Scheme


Ex Approvals


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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		

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/	DE1-59474
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Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

Coding profile, inserted into the hole on the plug, made from red insulating material, diameter: 1.35 mm



Connector

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Accessories

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

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

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Accessories

Ferrule - A 0,5 -10 - 3202494



Ferrule, sleeve length: 10 mm, length: 10 mm, color: silver

Ferrule - A 0,75-10 - 3200234



Ferrule, sleeve length: 10 mm, length: 10 mm, color: silver

Ferrule - A 1 -10 - 3200250



Ferrule, sleeve length: 10 mm, length: 10 mm, color: silver

Ferrule - A 1,5 -10 - 3200276



Ferrule, sleeve length: 10 mm, 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

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Accessories

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 size: 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 size: continuous x 3.8 mm

Terminal marking

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, for terminal block width: 210 mm, lettering field size: 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, for terminal block width: 90000 mm, lettering field size: continuous x 3.8 mm

Test plugs - MPS-MT 1-S - 1944372



Test plugs, consisting of \varnothing 1 mm test pin, 150 mm conductor length, and \varnothing 2 mm socket

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Accessories

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