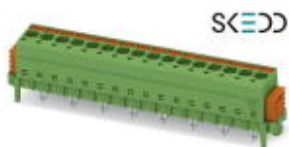


Direct connector - SDC 2,5/16-PV-5,0-ZB - 1864176

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PCB direct plug, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, 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
GTIN	 4 055626 210575
GTIN	4055626210575

Technical data

Dimensions

Length [l]	15.3 mm
Width [w]	88.18 mm
Height [h]	21.2 mm
Pitch	5 mm
Dimension a	75 mm

General

Range of articles	SDC 2,5/..-PV
Number of positions	16
Connection method	Push-in spring connection
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

Direct connector - SDC 2,5/16-PV-5,0-ZB - 1864176

Technical data

General

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
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

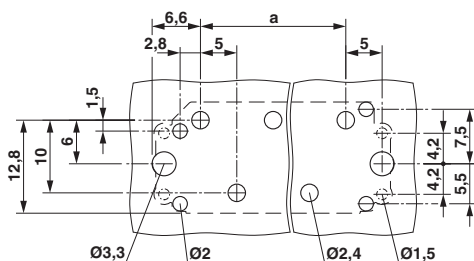
Connection in acc. with standard	EN-VDE
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Environmental Product Compliance

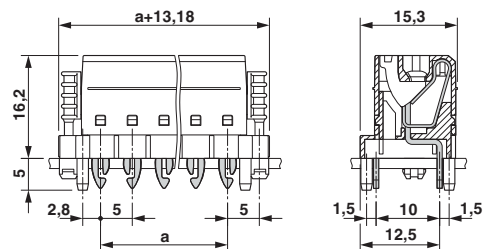
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 mm

Direct connector - SDC 2,5/16-PV-5,0-ZB - 1864176

Approvals


Approvals


Approvals


VDE approval of drawings / cULus Recognized / IECCEB CB Scheme

Ex Approvals

Approval details

VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40044617
Nominal voltage UN	320 V		
Nominal current IN	12 A		
mm ² /AWG/kcmil	0.2-2.5		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20160718
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	12 A	
mm ² /AWG/kcmil	24-12	24-12	

IECEE CB Scheme		http://www.iecee.org/	DE1-59474
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