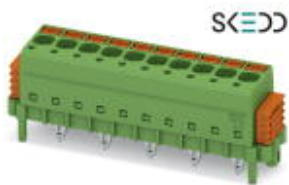


https://www.phoenixcontact.com/cn/products/1864079



Direct connector - SDC 2,5/ 6-PV-5,0-ZB - 1864079

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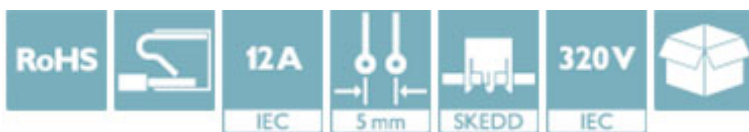


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin, Mounting: SKEDD - Direct plug-in technology


The figure shows a 10-position version

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 210377
GTIN	4055626210377
Sales Key	AAAFMB

Technical data

Dimensions

Length	15.3 mm
Height	21.2 mm
Width	38.18 mm
Pitch	5 mm
Dimension a	25 mm

General

Range of articles	SDC 2,5/..-PV
Number of positions	6

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Direct connector - SDC 2,5/ 6-PV-5,0-ZB - 1864079

Technical data

General

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
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

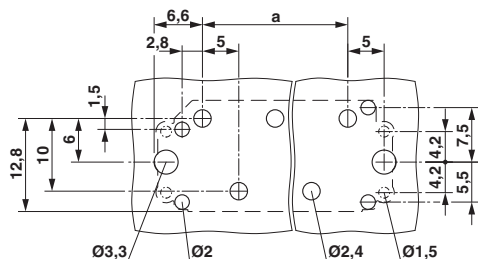
Drawings

https://www.phoenixcontact.com/cn/products/1864079

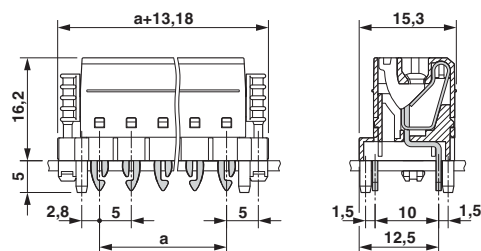


Direct connector - SDC 2,5/ 6-PV-5,0-ZB - 1864079

Drilling diagram



Dimensional drawing



Size of the PCB: 1.6 mm

Approvals

Approvals

Approvals

VDE approval of drawings / cULus Recognized / IECCEB 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		

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
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<https://www.phoenixcontact.com/cn/products/1864079>



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