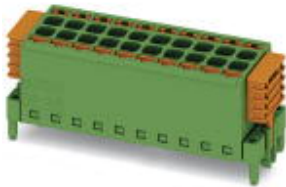


## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

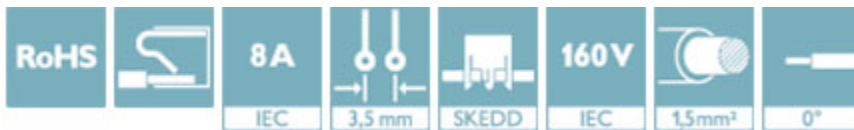
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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin, Mounting: SKEDD - Direct plug-in technology

### 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	4055626307190
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	13.5 mm
Height	17.6 mm
Width	42.30 mm
Pitch	3.5 mm
Dimension a	31.50 mm

## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

### Technical data

#### General

Range of articles	SDDC 1,5/..-PV
Number of positions	10
Connection method	Push-in spring connection
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	400 V
Nominal current $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Insulating material	PA
Stripping length	8 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

#### Environmental Product Compliance

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

### Classifications

#### eCl@ss

eCl@ss 5.1	27261101
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

# Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

## Classifications

ETIM

ETIM 6.0	EC002643
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## Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

## Approval details

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20160718
	B	D	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	
Nominal current I <sub>N</sub>	8 A	8 A	
Nominal voltage U <sub>N</sub>	300 V	300 V	

## Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

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



Connector

## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

### Accessories

Ferrule - AI 0,25- 8 YE - 3203037



Ferrule, Sleeve length: 8 mm, Length: 12.5 mm, Color: yellow

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Ferrule - AI 0,5 - 8 WH - 3200014



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

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Ferrule - AI 0,5 - 8 WH -1000 - 3200881



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

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Ferrule - AI 0,75-10 GY - 3201288



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

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Ferrule - AI 1 -10 RD - 3200182



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

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## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

### Accessories

Ferrule - AI 1 - 8 RD-B - 3201385



Ferrules, 1.0 mm<sup>2</sup>, taped, sleeve length: 8 mm, with plastic collar, galvanically tin-plated, color: red, color range according to DIN 46228-4, CSA-certified

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Ferrule - A 0,5 - 8 - 3202481



Ferrule, Sleeve length: 8 mm, Length: 8 mm, Color: silver

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Ferrule - A 0,75- 8 - 3202504



Ferrule, Sleeve length: 8 mm, Length: 8 mm, Color: silver

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Ferrule - A 0,75-10 - 3200234



Ferrule, Sleeve length: 10 mm, Length: 10 mm, Color: silver

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Ferrule - A 1 - 8 - 3202517



Ferrule, Sleeve length: 8 mm, Length: 8 mm, Color: silver

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## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

### Accessories

Ferrule - A 1 -10 - 3200250



Ferrule, Sleeve length: 10 mm, Length: 10 mm, Color: silver

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Ferrule - A 1,5 -10 - 3200276



Ferrule, Sleeve length: 10 mm, Length: 10 mm, Color: silver

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### 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 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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### Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

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Marker card - SK 2,8 REEL P3,5 WH CUS - 0825121



Marker card, can be ordered: By card, white, labeled according to customer specifications, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: continuous x 2.8 mm

## Direct connector - SDDC 1,5/10-PV-3,5 - 1848723

### Accessories

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#### Terminal marking

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

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Marker strip - SK 2,8 WH:REEL - 0805205



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 2.8 mm

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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 - MPS-MT 1-S4-B RD - 1982800

