

## Pin strip - PST 1,3/16-5,0 - 1933325

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Pin strip, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 16, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



The figure shows a 10-position version of the product

### Your advantages

- Suitable for wave and reflow soldering processes
- Optimum pin geometry for all COMBICON pin strip connectors



### Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918918811

### Technical data

#### Dimensions

Length [ l ]	2.8 mm
Width	80 mm
Pitch	5 mm
Dimension a	75 mm
Width [ w ]	80 mm
Height [ h ]	13 mm
Installed height	9.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	ø 1.3 mm
Length	2.8 mm

#### General

Range of articles	PST 1,3/..-V
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### Technical data

#### General

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)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A (depends on the plug used)
Maximum load current	12 A (depends on the plug used)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	16

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

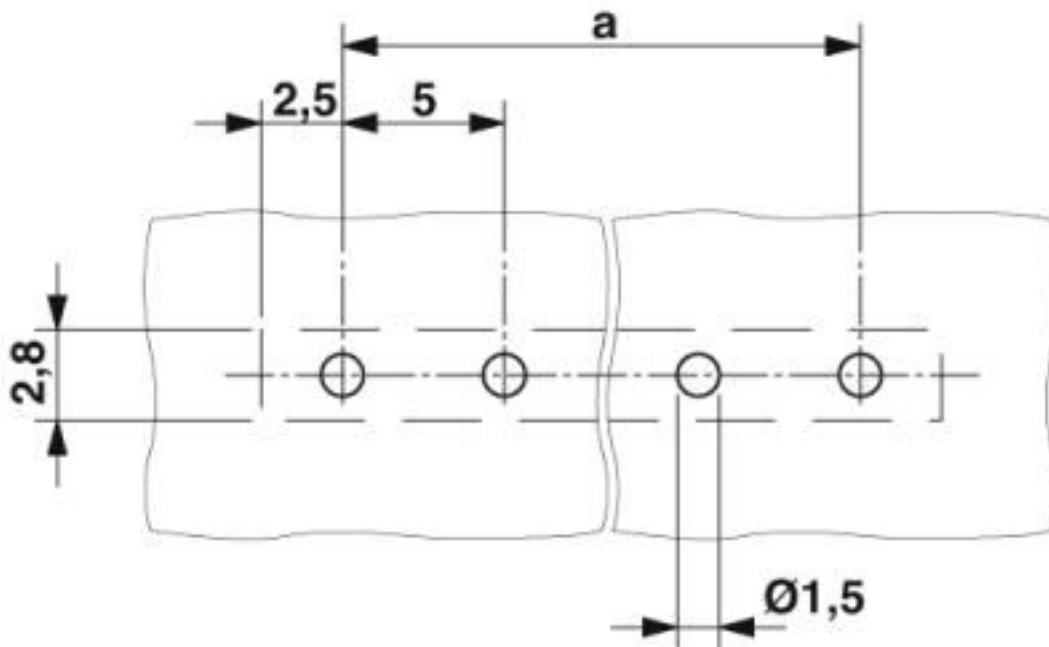
#### Environmental Product Compliance

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

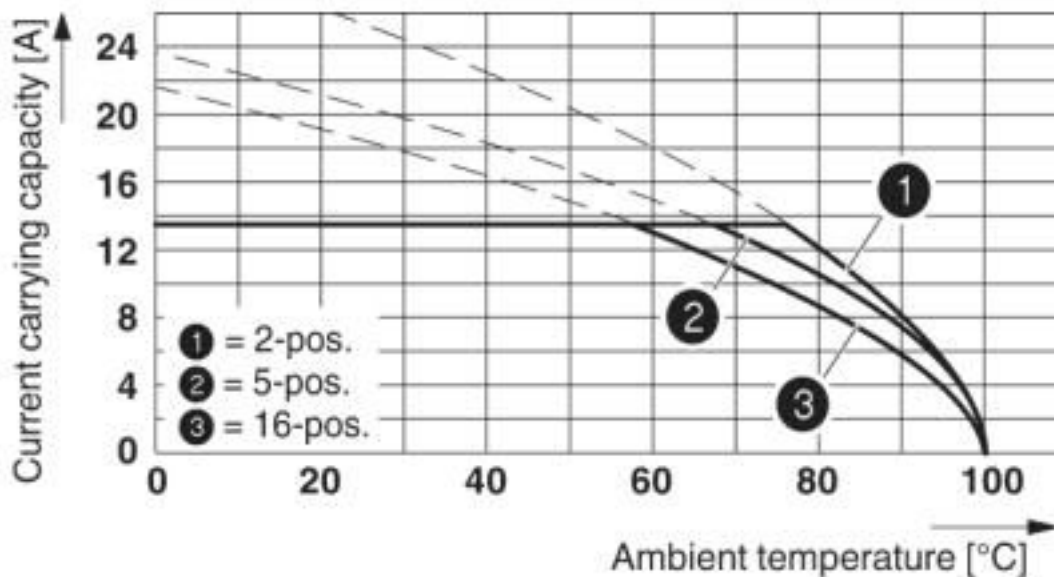
### Drawings

# Pin strip - PST 1,3/16-5,0 - 1933325

Drilling diagram

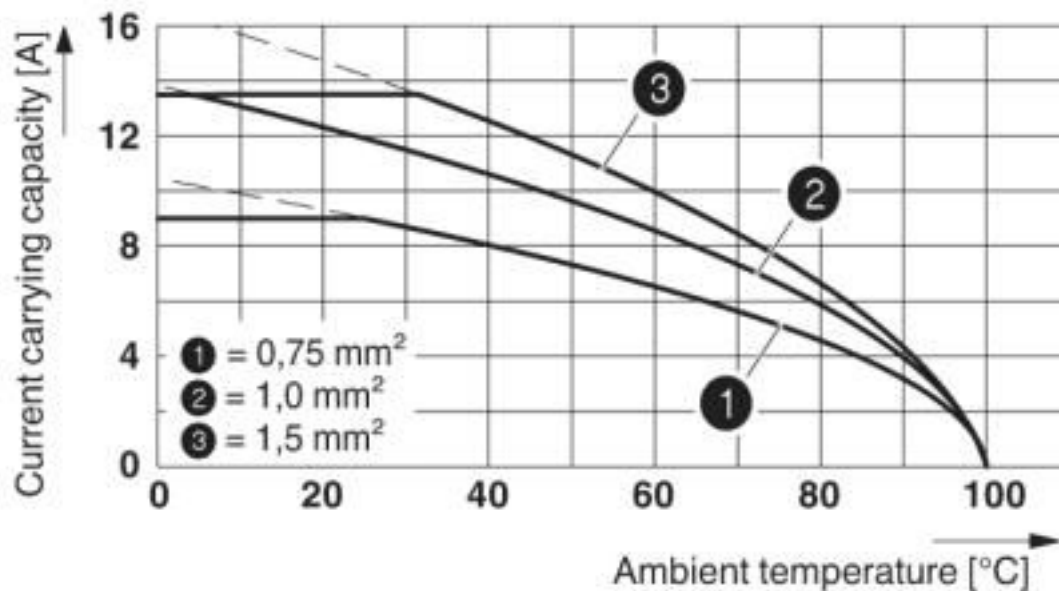


Diagram

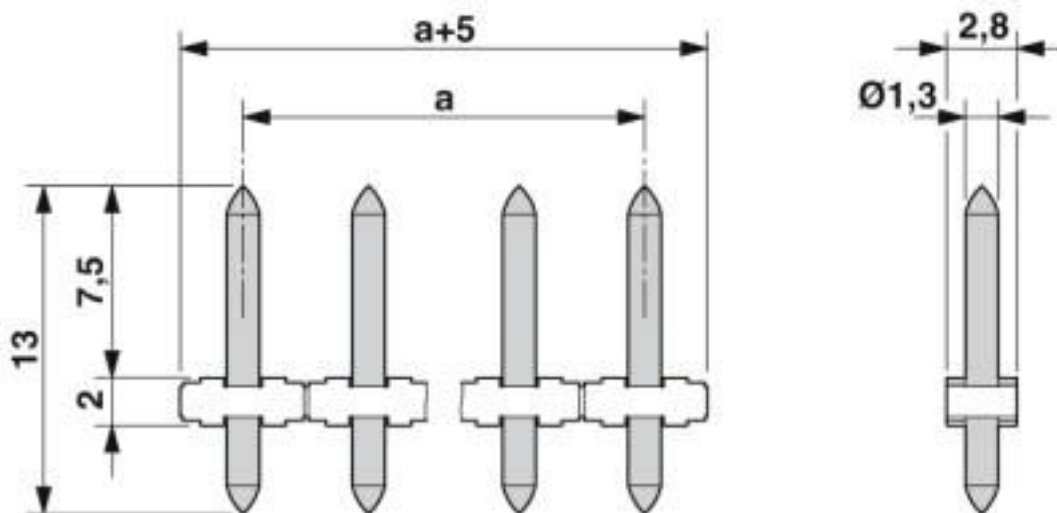


# Pin strip - PST 1,3/16-5,0 - 1933325

Diagram



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402

# Pin strip - PST 1,3/16-5,0 - 1933325

## Classifications

### eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

### Approvals

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### Approvals


SEV / EAC / cULus Recognized / IECCEB CB Scheme / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung

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### Ex Approvals

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## Approval details

SEV		<a href="https://www.eurofins.ch/de/">https://www.eurofins.ch/de/</a>	IK-4496
Nominal voltage UN	250 V		
Nominal current IN	12 A		

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## Approvals

EAC		B.01687
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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>	E60425-20030211
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	16 A	10 A	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58429
Nominal voltage UN	320 V		
Nominal current IN	10 A		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-10786
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VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40040542
Nominal voltage UN	320 V		
Nominal current IN	10 A		

## Accessories

### Additional products

Plug - PTDA 2,5/16-PH-5,0 - 1725679



PCB connector, nominal current: 14 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

## Pin strip - PST 1,3/16-5,0 - 1933325

### Accessories

#### PCB terminal block - PT 1,5/16-PH-5,0 - 1755729

PCB connector, nominal current: 10 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



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#### PCB terminal block - PT 1,5/16-PH-5,0 CLIP - 1755871

PCB connector, nominal current: 10 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



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#### Plug - PT 1,5/16-PVH-5,0 - 1935006

PCB connector, nominal current: 12 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 16, pitch: 5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



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