

## Pin strip - PST 1,0/20-3,5 - 1945274

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

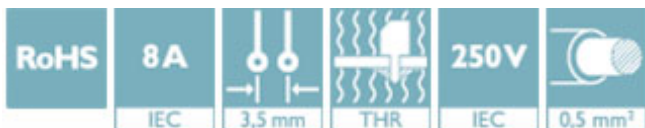
Pin strip, nominal current: 8 A, rated voltage (III/2): 250 V, number of positions: 20, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering. The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.




The figure shows a 10-position version of the product

### Why buy this product

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



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 883447
GTIN	4017918883447

### Technical data

#### Dimensions

Length [ l ]	2.8 mm
Width	70 mm
Pitch	3.5 mm
Dimension a	66.5 mm
Width [ w ]	70 mm
Height [ h ]	13 mm
Constructional height	9.5 mm
Length of the solder pin	3.8 mm
Pin dimensions	ø 1 mm
Length	2.8 mm

#### General

Range of articles	PST 1,0/..-V
-------------------	--------------

# Pin strip - PST 1,0/20-3,5 - 1945274

## Technical data

### General

Insulating material group	IIIa
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)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A (depends on the plug used)
Maximum load current	8 A (depends on the plug used)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	20

### Standards and Regulations

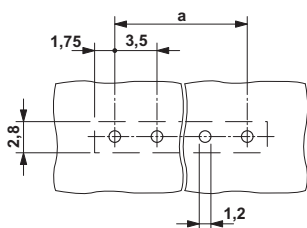
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

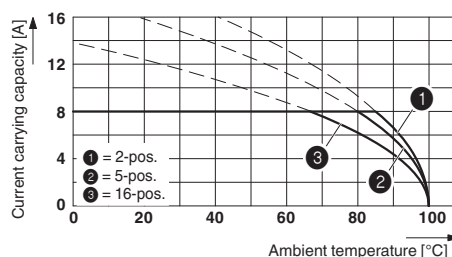
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



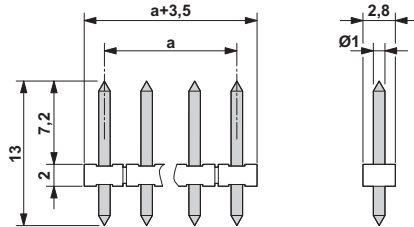
Diagram



Derating curve for: PTDA 1,5/..-PH-3,5 with PST 1,0/...-3,5

# Pin strip - PST 1,0/20-3,5 - 1945274

Dimensional drawing



## Approvals

### Approvals

Approvals

SEV / EAC / cULus Recognized

Ex Approvals

### Approval details

SEV		<a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a>	IK-3558-M2
Nominal voltage UN		160 V	
Nominal current IN		6 A	

EAC		B.01742
-----	--	---------

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	
Nominal voltage UN		300 V	
Nominal current IN		10 A	

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>