

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

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Pin strip, nominal current: 8 A, 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

### 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	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
Height	9.2 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
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### 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 <sub>N</sub>	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

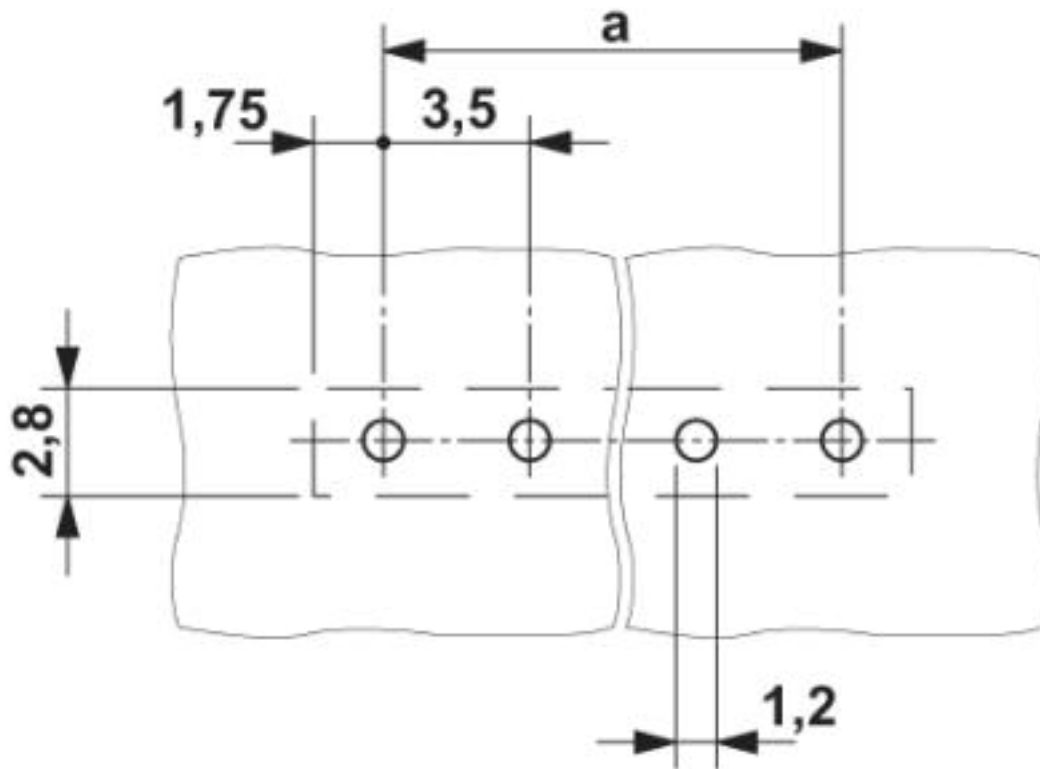
#### Environmental Product Compliance

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

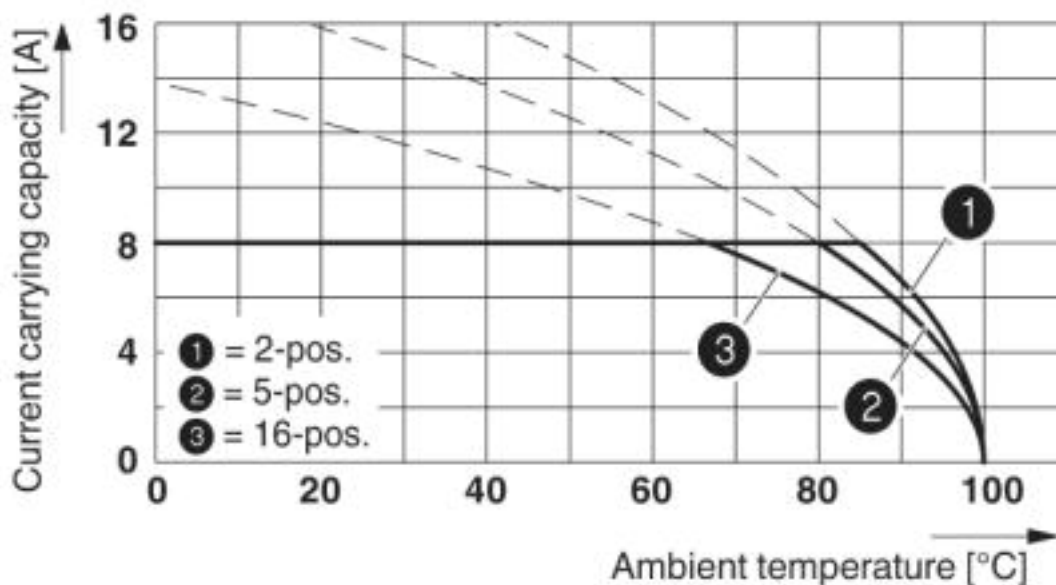
### Drawings

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Drilling diagram



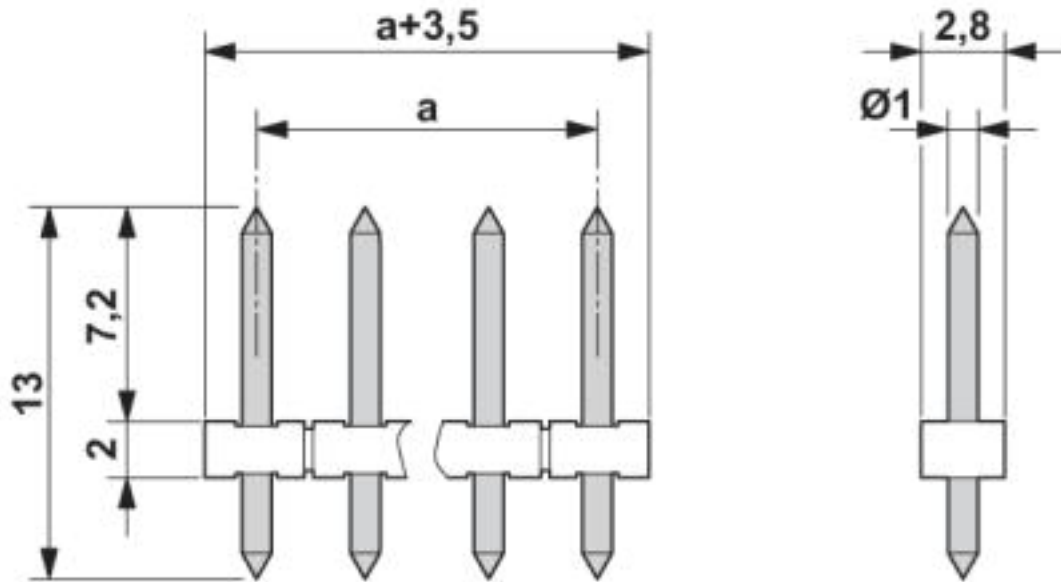
Diagram



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

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Dimensional drawing



## Approvals

Approvals

Approvals

SEV / EAC / cULus Recognized

Ex Approvals


## Approval details

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

EAC		B.01742
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### Approvals

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

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