

## Pin strip - PST 1,0/ 6-3,5 - 1945135

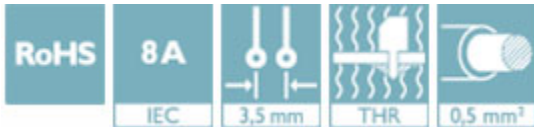
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Pin strip, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 017918 883300
GTIN	4017918883300
Weight per Piece (excluding packing)	0.784 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	2.8 mm
Width	20.6 mm
Pitch	3.5 mm
Dimension a	17.5 mm
Width [ w ]	20.6 mm
Height [ h ]	13 mm
Height	9.2 mm

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### Technical data

#### Dimensions

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
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	6

#### Standards and Regulations

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

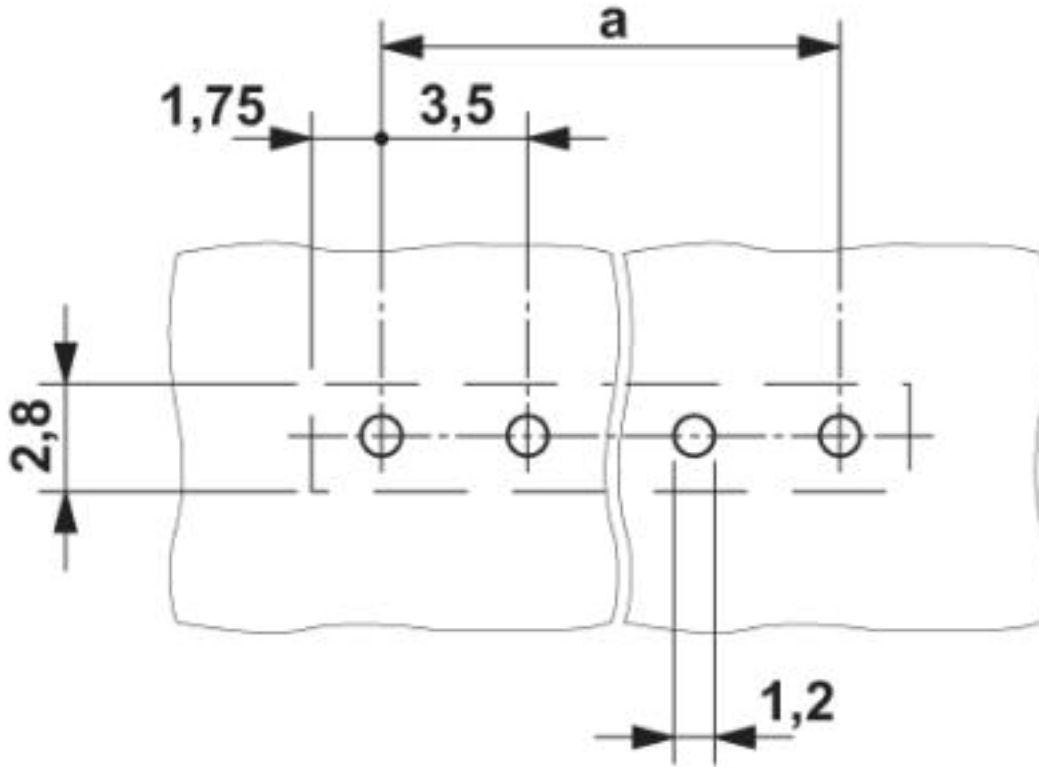
#### Environmental Product Compliance

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

### Drawings

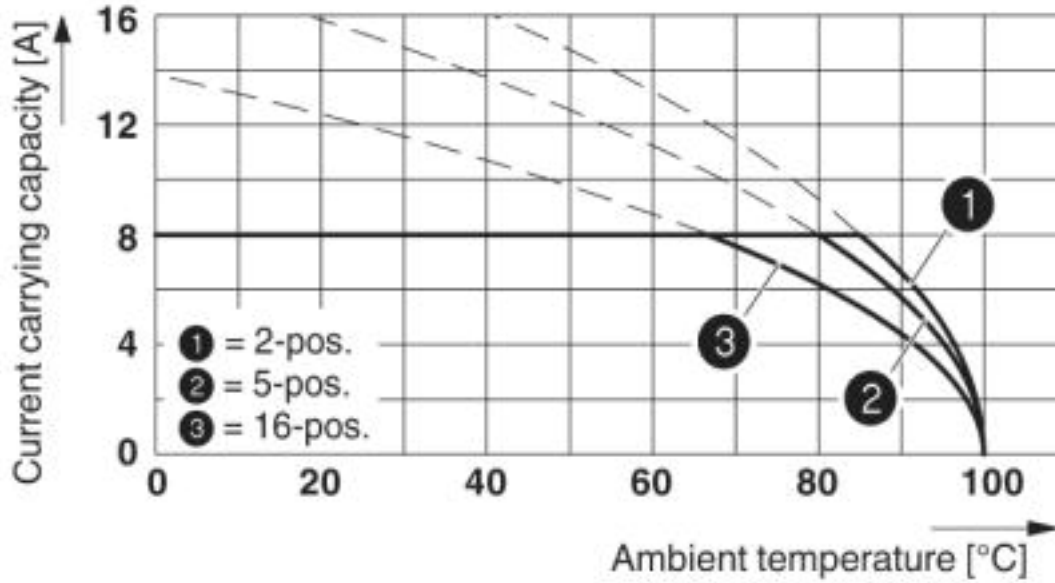
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Drilling diagram



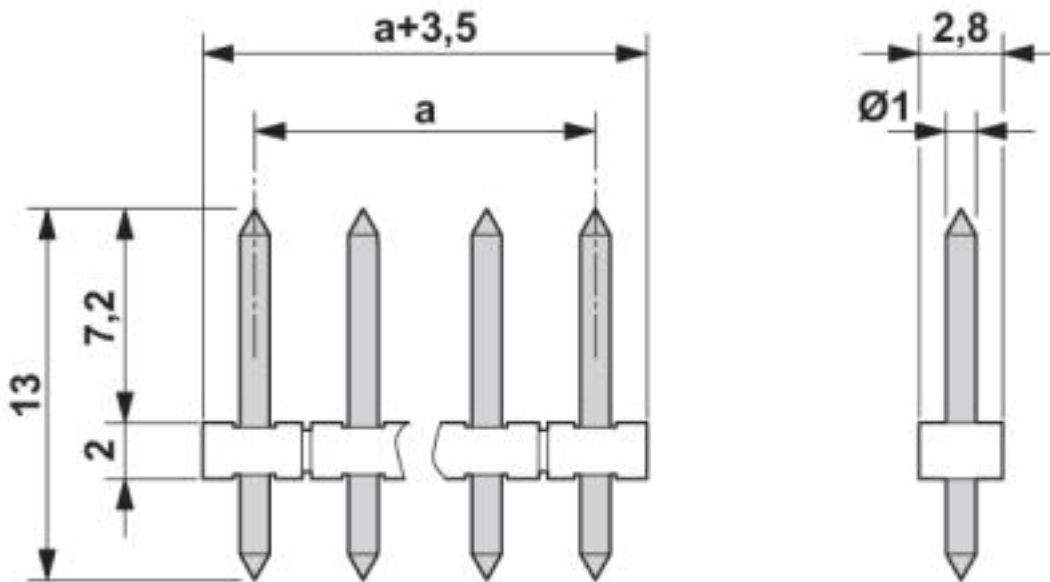
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Diagram



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

Dimensional drawing



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## Classifications

### eCl@ss

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
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

## Approvals

### Approvals

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#### Approvals

SEV / EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

# Pin strip - PST 1,0/ 6-3,5 - 1945135

## Approvals

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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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	

## Accessories

### Additional products

Plug - PTDA 1,5/ 6-PH-3,5 - 1725159



PCB connector, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

PCB terminal block - FK-MPT 0,5/ 6-ST-3,5 - 1913963



PCB connector, nominal current: 4 A, number of positions: 6, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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### Accessories

PCB terminal block - PT 1,5/ 6-PVH-3,5 - 1984057



PCB connector, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

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PCB terminal block - PT 1,5/ 6-PH-3,5 - 1984358



PCB connector, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

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