

Pin strip - PST 1,0/16-3,5 - 1945232

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The figure shows a 10-position version of the product


Pin strip, nominal current: 8 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of positions: 16, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.8 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.

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	 4 017918 883409
GTIN	4017918883409

Technical data

Dimensions

Length [l]	2.8 mm
Width	56 mm
Pitch	3.5 mm
Dimension a	52.5 mm
Width [w]	56 mm
Height [h]	13 mm
Installed 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_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	16

Standards and Regulations

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

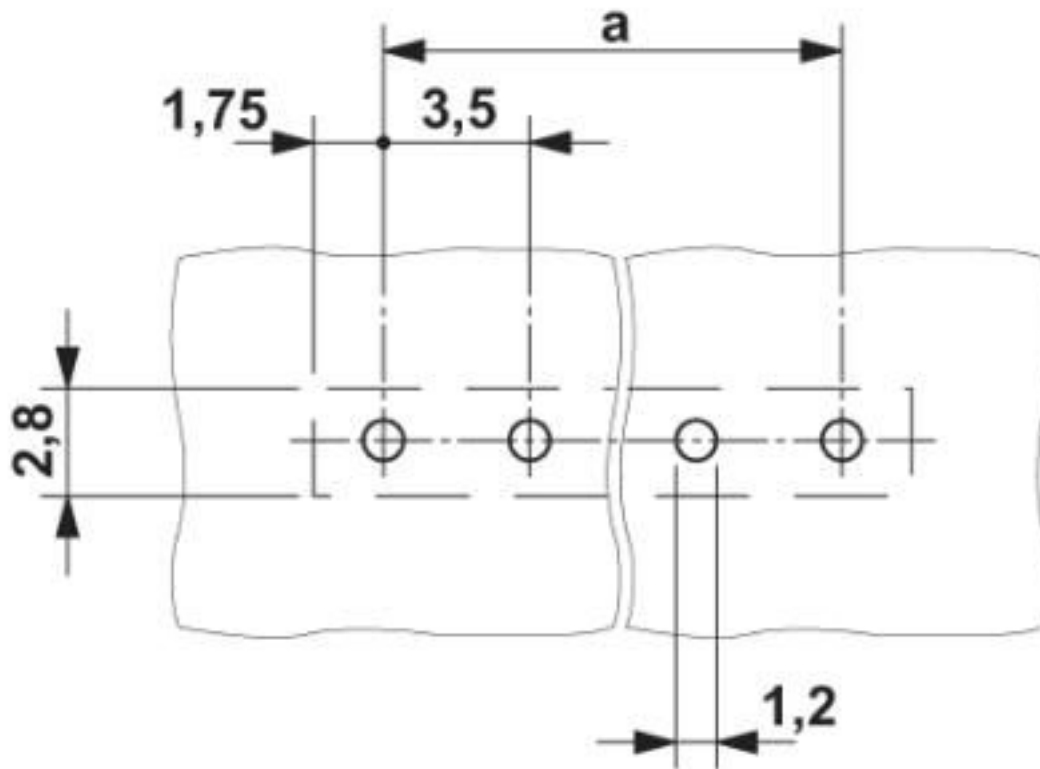
Environmental Product Compliance

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

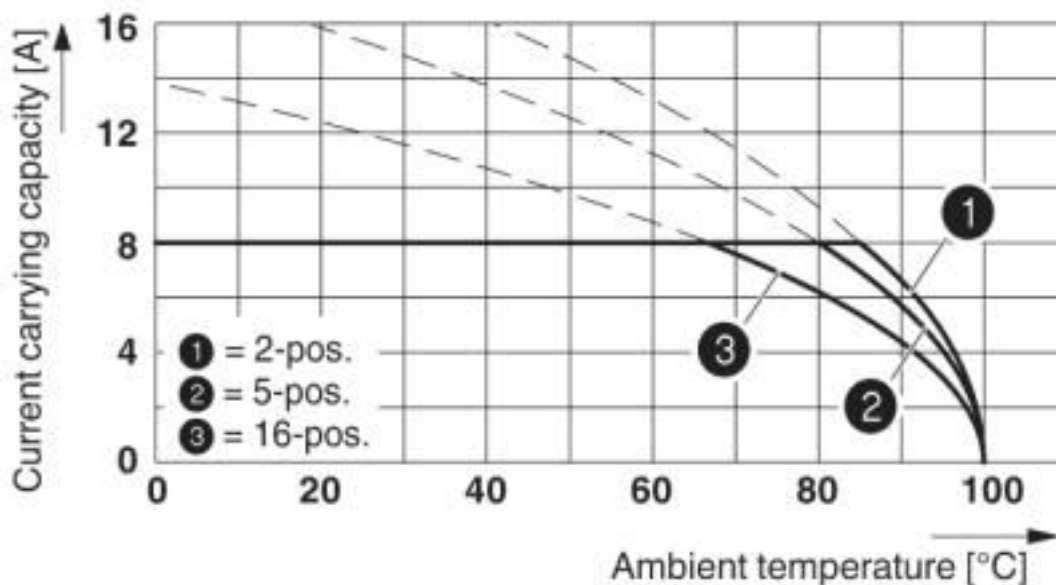
Drawings

Pin strip - PST 1,0/16-3,5 - 1945232

Drilling diagram



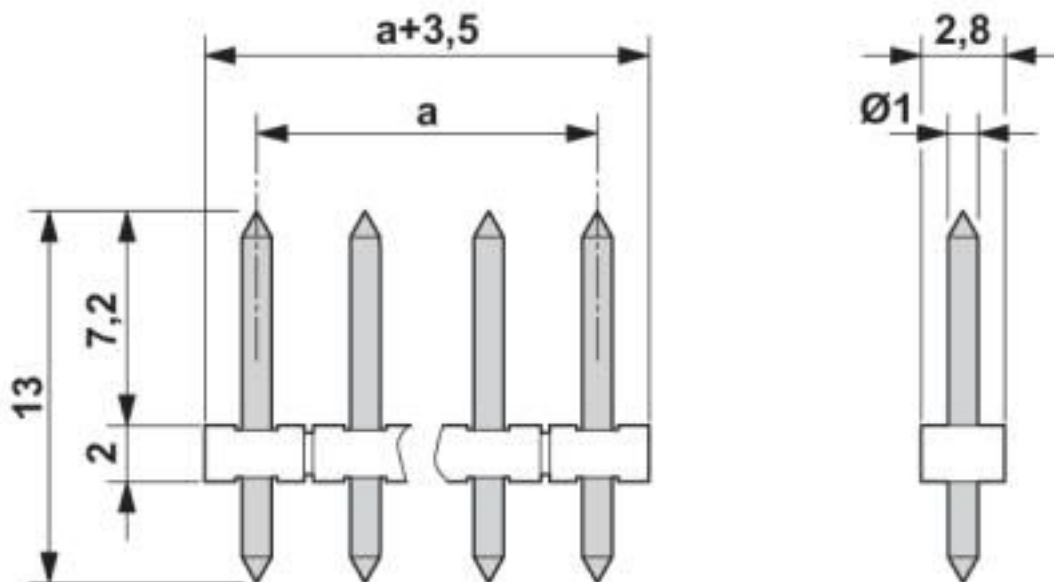
Diagram



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

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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
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

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Classifications

UNSPSC

UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals


Approvals

Approvals


SEV / EAC / cULus Recognized / IECCEB Scheme


Ex Approvals

Approval details

SEV		https://www.eurofins.ch/de/	IK-4496
Nominal voltage UN		250 V	
Nominal current IN		8 A	

EAC			B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030211
		B	
Nominal voltage UN		300 V	
Nominal current IN		10 A	

IECCEB Scheme		http://www.iecee.org/	CH-10786
Nominal voltage UN		250 V	
Nominal current IN		8 A	

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Accessories

Additional products

Plug - PTDA 1,5/16-PH-3,5 - 1725289



PCB connector, nominal current: 8 A, rated voltage (III/2): 240 V, nominal cross section: 1.5 mm², number of positions: 16, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin, pin layout: Linear double pinning

PCB terminal block - FK-MPT 0,5/16-ST-3,5 - 1914072



PCB connector, nominal current: 4 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of positions: 16, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154



PCB connector, nominal current: 8 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm², number of positions: 16, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

PCB terminal block - PT 1,5/16-PH-3,5 - 1984455



PCB connector, nominal current: 8 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm², number of positions: 16, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin

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