

## Pin strip - PST 1,0/22-3,5 - 1945290

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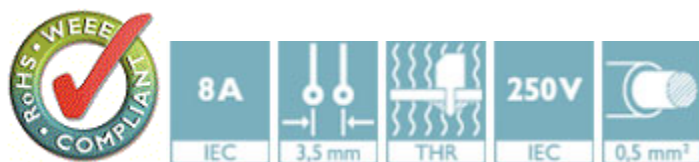


The figure shows a 10-position version of the product

Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 22, 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.

### Why buy this product

- Various pin lengths and pin geometries available on request
- Optimum pin geometry so as to not damage the plug
- Reflow solderable pin strip, optimized for COMBICON compact connectors



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	2.49 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	2.8 mm
Pitch	3.50 mm
Dimension a	73.5 mm
Constructional height	9.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 mm
Hole diameter	1.1 mm

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### Technical data

#### General

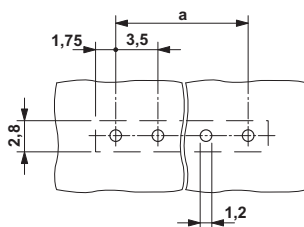
Range of articles	PST 1,0/...-V
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	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	22

#### Standards and Regulations

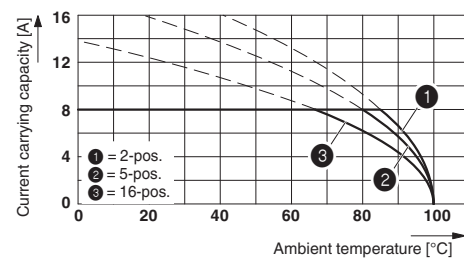
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Drawings

Drilling diagram



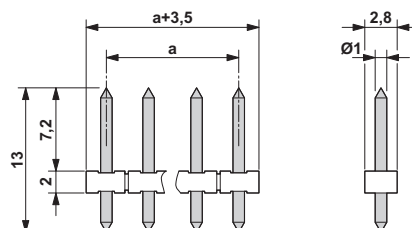
Diagram



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 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
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

#### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

### Approvals

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UL Recognized / cUL Recognized / EAC / SEV / CCA / EAC / cULus Recognized


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### Approvals

Ex Approvals

Approvals submitted

### Approval details

UL Recognized 	
	B
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

cUL Recognized 	
	B
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

EAC
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SEV	
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	160 V

CCA	
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	160 V

EAC
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## Pin strip - PST 1,0/22-3,5 - 1945290

### Approvals

cULus Recognized  US

### Accessories

#### Additional products

PCB terminal block - FK-MPT 0,5/22-ST-3,5 - 1914140



Plug component, Nominal current: 4 A, Rated voltage (III/2): 250 V, Number of positions: 22, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

# Mouser Electronics

Authorized Distributor

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