



**Automatización Eléctrica**  
Especialistas en Automatización

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## Plug - PTSM 0,5/ 3-P-2,5 WH - 1704854

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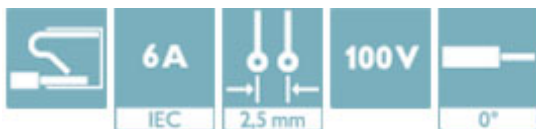


Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

The figure shows a 3-pos. version of the product

### Why buy this product

- Can be plugged into THR and SMD base strips
- Miniature plug with 2.5 mm pitch



### Key Commercial Data

Packing unit	250 STK
GTIN	 4 046356 740814

### Technical data

#### Dimensions

Length	15 mm
Height	5 mm
Pitch	2.50 mm
Dimension a	5 mm

#### General

Insulating material group	I
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)	100 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE

# Plug - PTSM 0,5/ 3-P-2,5 WH - 1704854

## Technical data

### General

Nominal current I <sub>N</sub>	6 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	HT PA
Flammability rating according to UL 94	V0
Stripping length	6 mm
Number of positions	3

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

### Standards and Regulations

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

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
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	EC002638
ETIM 5.0	EC002637

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## Classifications

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

cUL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

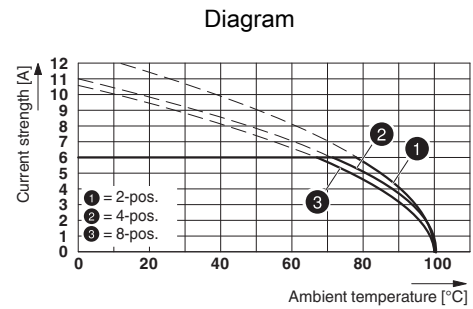
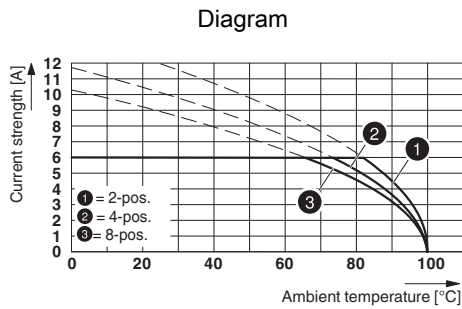
EAC
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# Plug - PTSM 0,5/ 3-P-2,5 WH - 1704854

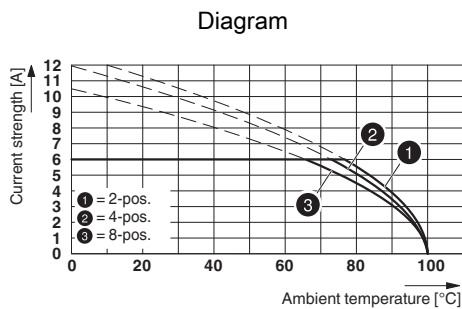
## Approvals

cULus Recognized

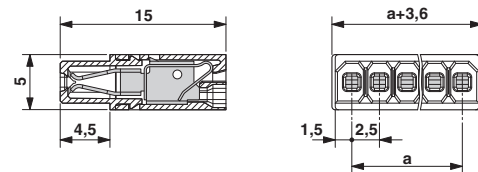
## Drawings



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R... Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-THR R..



## Dimensional drawing



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-SMD R..



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Product	Code	Reference	Product link
Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin	1704854	PTSM 0,5/ 3-P-2,5 WH	<a href="#">Buy on EAN</a>