

## Plug - PTSM 0,5/ 3-PI-2,5 WH - 1709451

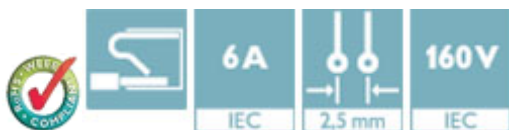
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Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

### Why buy this product

- White design: Stable color when welding and during use
- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- High current carrying capacity of 6 A in very compact dimensions
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections



### Key Commercial Data

Packing unit	250 pc
Minimum order quantity	250 pc
GTIN	 4 055626 130361
Weight per Piece (excluding packing)	0.84 g
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	15.5 mm
Height	5 mm
Width	9.2 mm
Pitch	2.50 mm
Dimension a	5 mm

#### General

Range of articles	PTSM 0,5/..-PI WH
Type of contact	Male connector

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## Technical data

### General

Number of positions	3
Connection method	Push-in spring connection
Insulating material group	I
Rated surge voltage (III/3)	1.5 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
Nominal current I <sub>N</sub>	6 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	6 mm

### 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

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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	27440309
eCl@ss 9.0	27440309

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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

cULus Recognized

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Ex Approvals

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Approvals submitted

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### Approval details

cULus 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

## Accessories

Accessories

Screwdriver tools

## Plug - PTSM 0,5/ 3-PI-2,5 WH - 1709451

### Accessories

Screwdriver - SZS 0,4X2,0 - 1205202



Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

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### Additional products

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



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Base strip - PTSM 0,5/ 3-HHI-2,5-SMD WHR44 - 1707992



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: SMD soldering, Article with anti-rotation pin

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Base strip - PTSM 0,5/ 3-HHI0-2,5-SMD WHR44 - 1815206



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: SMD soldering

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Base strip - PTSM 0,5/ 3-HHI-2,5-THR WH R32 - 1814993



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: THR soldering

# Plug - PTSM 0,5/ 3-PI-2,5 WH - 1709451

## Accessories

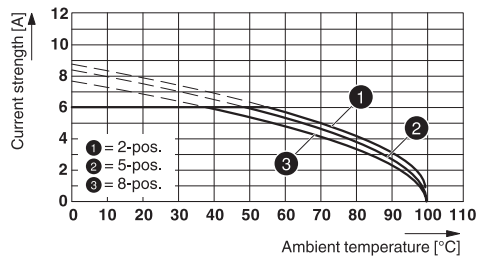
Plug - PTSM 0,5/ 3-PL-2,5 WH - 1709459



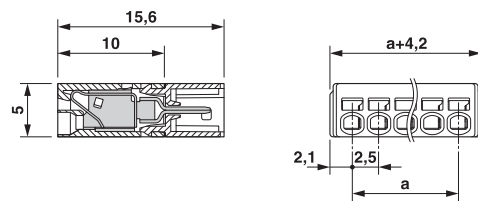
Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

## Drawings

Diagram



Dimensional drawing



Type: PTSM 0,5/...-PI-2,5 WH with PTSM 0,5/...-HHI0-2,5-SMD WHR...

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