

Plug - PTSM 0,5/ 2-PI-2,5 WH - 1709450

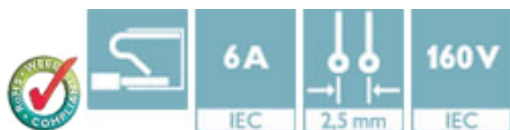
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Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

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 |
| GTIN |  4 055626 130354 |
| Weight per Piece (excluding packing) | 0.61 g |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-------------|---------|
| Length | 15.5 mm |
| Height | 5 mm |
| Width | 6.7 mm |
| Pitch | 2.50 mm |
| Dimension a | 2.5 mm |

General

| | |
|---------------------|-------------------|
| Range of articles | PTSM 0,5/..-PI WH |
| Type of contact | Male connector |
| Number of positions | 2 |

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Technical data

General

| | |
|--|---------------------------|
| 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_N | 6 A |
| Nominal cross section | 0.5 mm ² |
| 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 ² |
| Conductor cross section solid max. | 0.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.5 mm ² |
| 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

Approvals

cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| cULus Recognized | |
| | B |
| mm ² /AWG/kcmil | 26-20 |
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 150 V |

Accessories

Accessories

Screwdriver tools

Plug - PTSM 0,5/ 2-PI-2,5 WH - 1709450

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

Additional products

Plug - PTSM 0,5/ 2-P-2,5 WH - 1704853



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Base strip - PTSM 0,5/ 2-HHI-2,5-SMD WHR24 - 1707990



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

Base strip - PTSM 0,5/ 2-HHI0-2,5-SMD WHR24 - 1815196



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

Base strip - PTSM 0,5/ 2-HHI-2,5-THR WH R24 - 1814980



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

Plug - PTSM 0,5/ 2-PI-2,5 WH - 1709450

Accessories

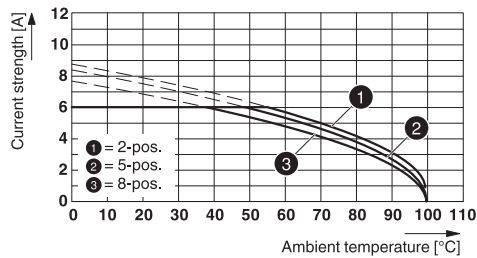
Plug - PTSM 0,5/ 2-PL-2,5 WH - 1709457



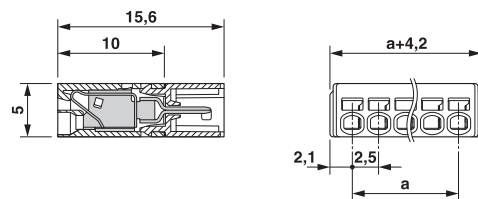
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Drawings

Diagram



Dimensional drawing



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