

Plug - PTSM 0,5/ 6-P-2,5 WH - 1704859

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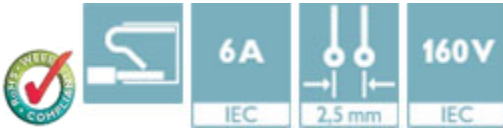


Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

The illustration shows a 3-position version

Product Features

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



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.7 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	15 mm
Height	5 mm
Pitch	2.50 mm
Dimension a	12.5 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

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Technical data

General

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	HT PA
Flammability rating according to UL 94	V0
Stripping length	6 mm
Number of positions	6

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
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

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Classifications

eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002637

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 / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

Plug - PTSM 0,5/ 6-P-2,5 WH - 1704859

Approvals

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

EAC

EAC

cULus Recognized

Accessories

Accessories

Screwdriver tools

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

Base strip - PTSM 0,5/ 6-HH-2,5-SMD WH R44 - 1708015



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

Plug - PTSM 0,5/ 6-P-2,5 WH - 1704859

Accessories

Base strip - PTSM 0,5/ 6-HH0-2,5-SMD WH R44 - 1814951



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

Base strip - PTSM 0,5/ 6-HV-2,5-SMD WH R44 - 1778735



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

Base strip - PTSM 0,5/ 6-HV0-2,5-SMD WH R44 - 1839237



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

Base strip - PTSM 0,5/ 6-HTB-2,5-SMD WH R44 - 1830168



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

Base strip - PTSM 0,5/ 6-HH-2,5-THR WH R32 - 1814883



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

Plug - PTSM 0,5/ 6-P-2,5 WH - 1704859

Accessories

Base strip - PTSM 0,5/ 6-HV-2,5-THR WH R32 - 1815303



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

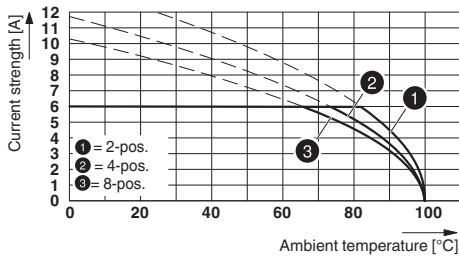
Plug - PTSM 0,5/ 6-PI-2,5 WH - 1709454



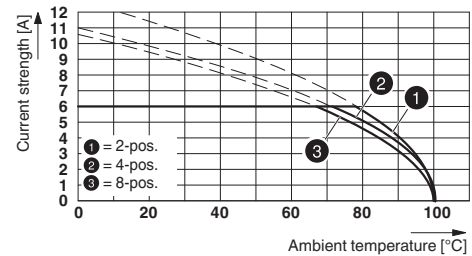
Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

Drawings

Diagram



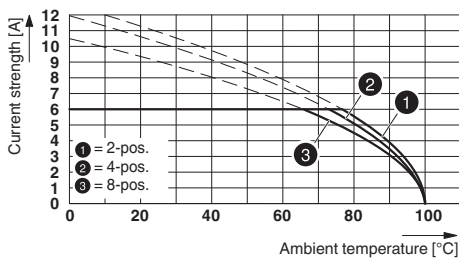
Diagram



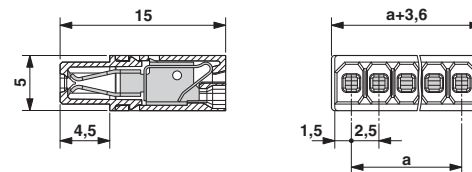
Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

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

Diagram



Dimensional drawing



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

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