


**PTSM 0,5/ 2-P-2,5**

Order No.: 1778832

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1778832>

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V,  
Number of positions: 2, Pitch: 2.5 mm, Connection method: Spring-  
cage conn., Color: Black, Contact surface: Tin

**Commercial data**

EAN	 4 046356 530040
Pack	250
Customs tariff	85369010
Country of Origin	DE
Catalog page information	Page 55 (CC-2011)

**Product notes**

WEEE/RoHS-compliant since:  
17/09/2009



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Dimensions / positions**

Pitch	2.5 mm
Dimension a	2.5 mm
Number of positions	2

#### Technical data

Range of articles	PTSM 0,5/...-P
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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal voltage $U_N$	100 V
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	6 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	5 A

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

#### Certificates

Certification CUL, GOST, UL

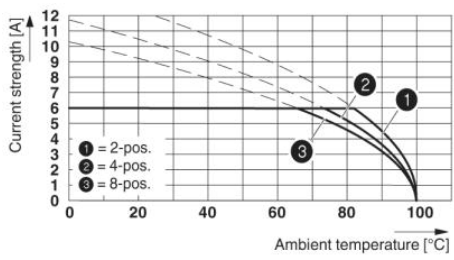
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**Accessories**

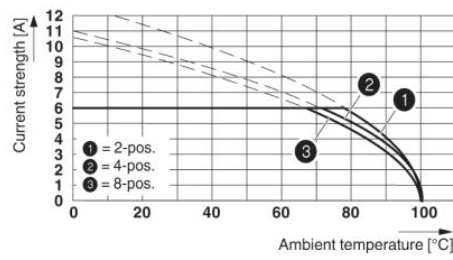
Item	Designation	Description
<b>Tools</b>		
1205202	SZS 0,4X2,0	Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

**Drawings**

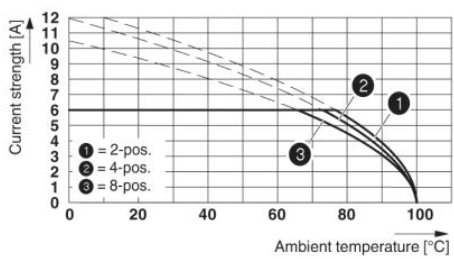
Diagram



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

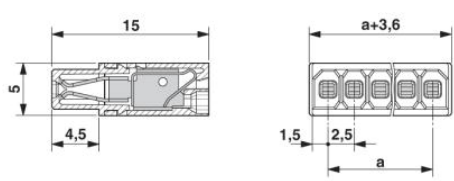


Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-THR R..



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

Dimensioned drawing



Connection data incl. use groups

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**Address**

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