

## Excellent Integrated System Limited

Stocking Distributor

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[1778890](#)

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[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online catalog


## PTSM 0,5/ 8-P-2,5

Order No.: 1778890



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1778890>

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.5 mm, Connection method: Spring-cage conn., Color: black, Metal surface: Sn

Commercial data	
GTIN (EAN)	 4 046356 530101
sales group	E430
Pack	100 pcs.
Customs tariff	85369010
Catalog page information	Page 183 (NTK-2010)

### Product notes

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



<http://www.download.phoenixcontact.com>  
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. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
<b>Dimensions / positions</b>	
Pitch	2.5 mm
Dimension a	17.5 mm
Number of positions	8

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**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 acc. 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 / Approvals**


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Certification

CUL, UL

**Accessories**

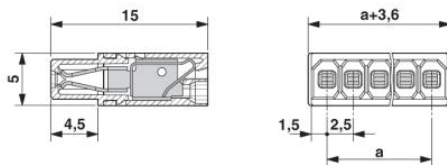
Item	Designation	Description
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**Tools**

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
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**Diagrams/Drawings**

Dimensioned drawing



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