



**THE DATASHEET OF
XB4BW31B5**




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

Order No.: 1778861

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1778861>

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V,
Number of positions: 5, Pitch: 2.5 mm, Connection method: Spring-
cage conn., Color: black, Metal surface: Sn

Commercial data

GTIN (EAN)	
sales group	E410
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](http://www.download.phoenixcontact.com)
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here has been taken from the
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Technical data**Dimensions / positions**

Pitch	2.5 mm
Dimension a	10 mm
Number of positions	5

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 ²
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 ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
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



Certification CUL, UL

Accessories

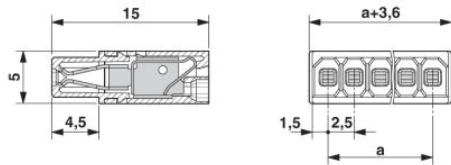
Item	Designation	Description
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Tools

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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