

PTSA 0,5/ 8-2,5-F


Order No.: 1989803

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1989803>

PC terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 8, Connection method: Spring-cage conn., Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Commercial data

GTIN (EAN)	
sales group	E410
Pack	100 pcs.
Customs tariff	85369010
Catalog page information	Page 517 (CC-2011)

Product notes

WEEE/RoHS-compliant since:
01/29/2004



<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

Dimensions / positions

Length	12 mm
Height	13.1 mm
Pitch	2.5 mm

Dimension a	17.5 mm
Number of positions	8
Pin dimensions	0,4 x 0,75
Pin spacing	2.5 mm
Hole diameter	1 mm

Technical data

Range of articles	PTSA 0,5
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/3)	63 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal cross section	0.5 mm ²
Maximum load current	2 A
Insulating material	PA
Stripping length	9 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	2 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	2 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 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



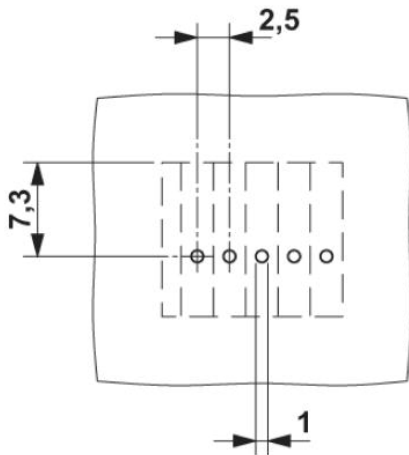
Certification

CCA, CUL, UL, VDE-PZI

Diagrams/Drawings

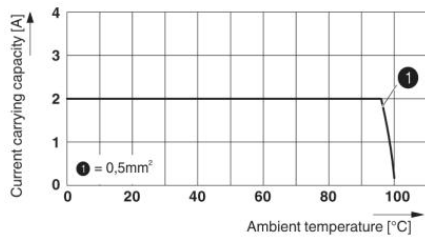
Drilling plan/solder pad geometry

The illustration shows the 5-pos. version



Diagram

Derating diagram for 5 pins;reduction factor=1



Dimensioned drawing

The illustration shows the 5-pos. version

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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