

PTSA 0,5/20-2,5-F

Order No.: 1989926

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1989926>

PC terminal block, Nominal current: 2 A, Nom. voltage: 63 V, Pitch: 2.5 mm, Number of positions: 20, Type of connection: Spring-cage conn., Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Commercial data

GTIN (EAN)	4017918973520
Note	Made-to-order
sales group	E410
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.0086 KG
Catalog page information	Page 305 (CC-2005)

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	47.5 mm
Number of positions	20
Pin dimensions	0,4 x 0,75
Pin spacing	2.5 mm
Hole diameter	1 mm

Technical data

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)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal voltage U_N	63 V
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

CUL

Nominal voltage U _N	150 V
Nominal current I _N	2 A
AWG/kcmil	26-20

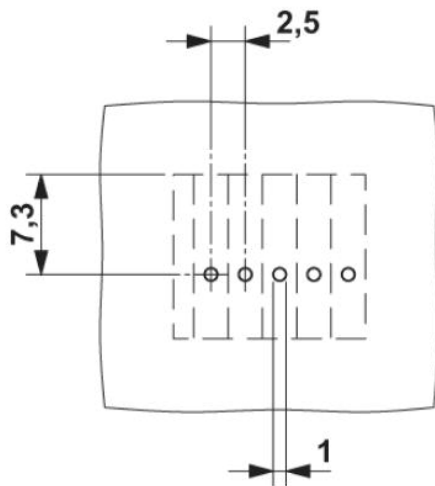
UL

Nominal voltage U _N	150 V
Nominal current I _N	2 A
AWG/kcmil	26-20

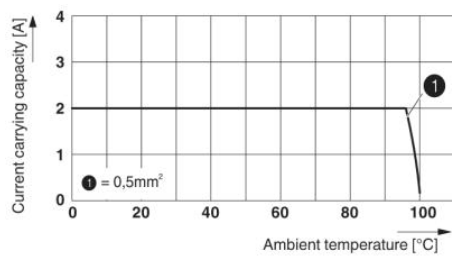
Diagrams/Drawings

Drilling plan/solder pad geometry

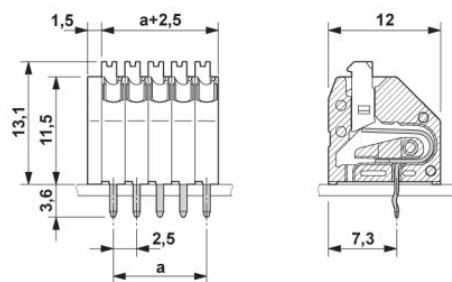
The illustration shows the 5-pos. version



Diagram



Dimensioned drawing



The illustration shows the 5-pos. version

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