

PTSA 1,5/12-3,5-F

Order No.: 1985069

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1985069>

PC terminal block, Nominal current: 2 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 12, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Commercial data

GTIN (EAN)	4017918922146
sales group	E411
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00613 KG
Catalog page information	Page 461 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003

<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	3.5 mm

Dimension a	38.5 mm
Number of positions	12
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm
Hole diameter	1 mm

Technical data

Range of articles	PTSA 1,5
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)	250 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal voltage U_N	200 V
Nominal cross section	1.5 mm ²
Maximum load current	2 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	9 mm
Nominal voltage, UL/CUL Use Group B	300 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.	0.5 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm ²

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Certificates / Approvals



Certification CCA, CUL, UL, VDE-PZI

CUL

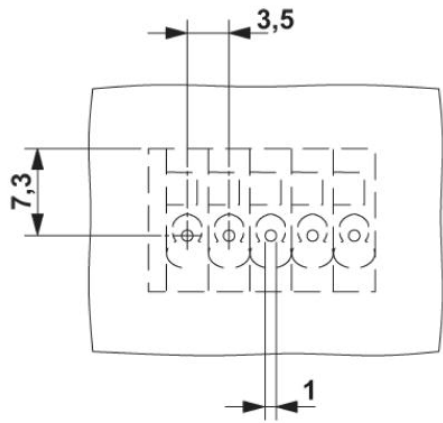
Nominal voltage U_N	300 V
Nominal current I_N	2 A
AWG/kcmil	24-16

UL

Nominal voltage U_N	300 V
Nominal current I_N	2 A
AWG/kcmil	24-16

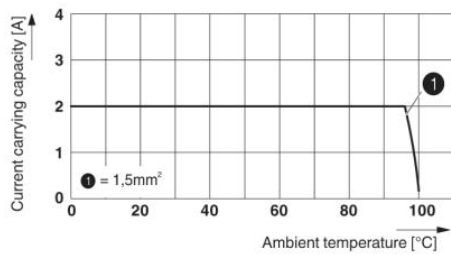
Diagrams/Drawings

Drilling plan/solder pad geometry



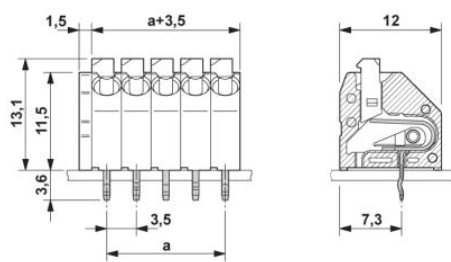
The illustration shows the drilling diagram of the 5-position product version

Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



The illustration shows the dimensional drawing of the 5-position product version

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