

PT 1,5/ 2-5,0-H

Order No.: 1935161

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1935161>

PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, Also possible: Connection of a 1.5 mm² conductor with ferrule, then however with reduction in rated voltage or pollution degree / surge category.

Commercial data

EAN	 4 017918 916930
Pack	250
Customs tariff	85369010
Gross weight in pieces	1.90 g
Country of Origin	DE
Catalog page information	Page 421 (CAT-1-2013)

Product notes

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

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

Technical data

Dimensions

Length	9 mm
Height	11.3 mm
Pitch	5 mm

Dimension a	5 mm
Pin dimensions	1,0 mm
Pin spacing	5 mm
Hole diameter	1.3 mm

General

Range of articles	PT 1,5/..-H
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	5 mm
Number of positions	2
Screw thread	M2,6
Tightening torque, min	0.35 Nm
Tightening torque max	0.4 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 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.	1.5 mm ²

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

Certificates



Certification

cULus Recognized, GOST, SEV, VDE Gutachten mit
 Fertigungsüberwachung, CCA, IEC/IEC CB Scheme

Certifications applied for:

Certification Ex:

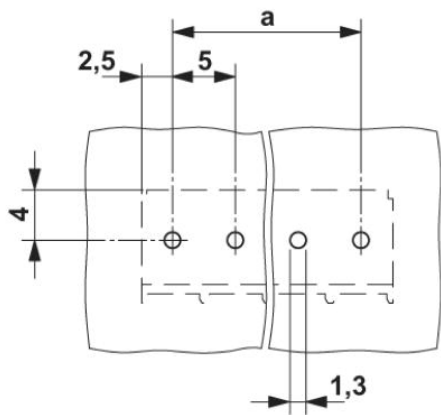
Accessories

Item	Designation	Description
Marking		
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm

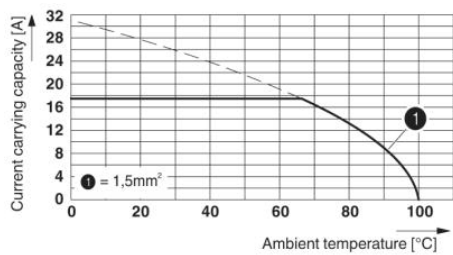
Tools		
1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Drilling plan/solder pad geometry

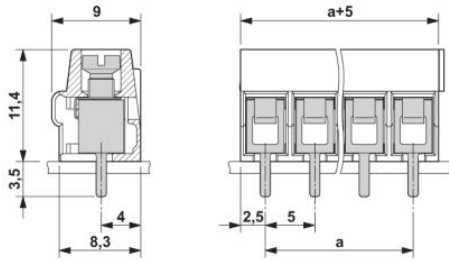


Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



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