

PTSA 0,5/23-2,5-Z

Order No.: 1990229

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1990229>

PC terminal block, Nominal current: 2 A, Nom. voltage: 160 V, Pitch: 2.5 mm, Number of positions: 23, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

Commercial data

GTIN (EAN)	4017918973780
Note	Made-to-order
sales group	E410
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.008778 KG
Catalog page information	Page 304 (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
Pitch	2.5 mm
Dimension a	55 mm

Number of positions	23
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)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal voltage U_N	160 V
Nominal cross section	0.5 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.	0.14 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

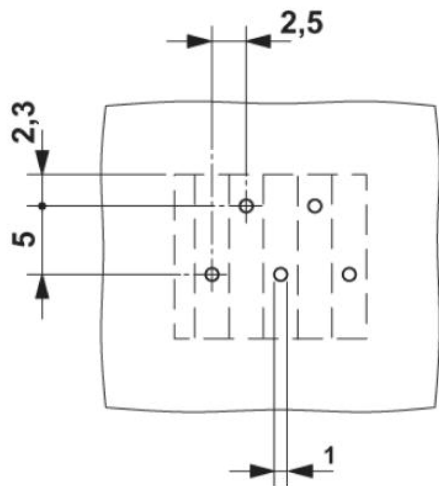
Nominal voltage U_N	300 V
Nominal current I_N	2 A
AWG/kcmil	26-20

UL

Nominal voltage U_N	300 V
Nominal current I_N	2 A
AWG/kcmil	26-20

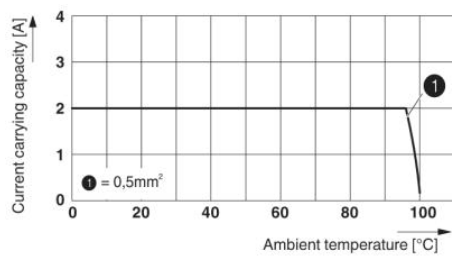
Diagrams/Drawings

Drilling plan/solder pad geometry



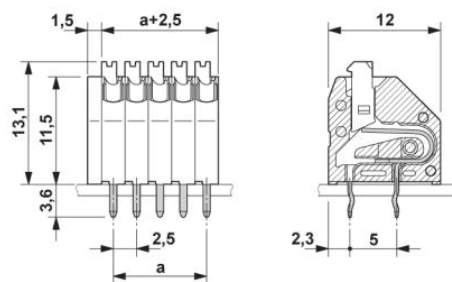
The illustration shows the 5-pos. version – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version

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