

PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



PCB terminal block, Nominal current: 2 A, Nom. voltage: 400 V, Pitch: 3.5 mm, Number of positions: 10, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

The figure shows a 10-position version of the product

Product Features

- ✓ Compact design with easy actuation and direct plug-in technology
- ✓ 3.5 mm pitch
- ✓ Dielectric strength and mechanical stability increased thanks to zigzag pinning. Pinning always starts at the front right position. Special pinning versions are available on request.
- ✓ Color coding and mixed pitches as an option

Key commercial data

package_quantity	100
GTIN	4017918922351

Technical data

Dimensions

Length	12 mm
Height	13.1 mm
Pitch	3.5 mm
Dimension a	31.5 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm
Hole diameter	1 mm

General

Range of articles	PTSA 1,5
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

PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

Technical data

General

Nominal current I _N	2 A
Nominal cross section	1.5 mm ²
Maximum load current	2 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	9 mm
Number of positions	10

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

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
-------------	----------

PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

classifications

UNSPSC

UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / GOST / GOST / cULus Recognized /

Approval details

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	5 A	5 A
mm²/AWG/kcmil	24-16	24-16

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	250 V
Nominal current IN	2 A
mm²/AWG/kcmil	0.5-0.75

cUL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	5 A	5 A
mm²/AWG/kcmil	24-16	24-16

CCA	
Nominal voltage UN	
Nominal current IN	2 A
mm²/AWG/kcmil	0.75

PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

approvals

GOST 

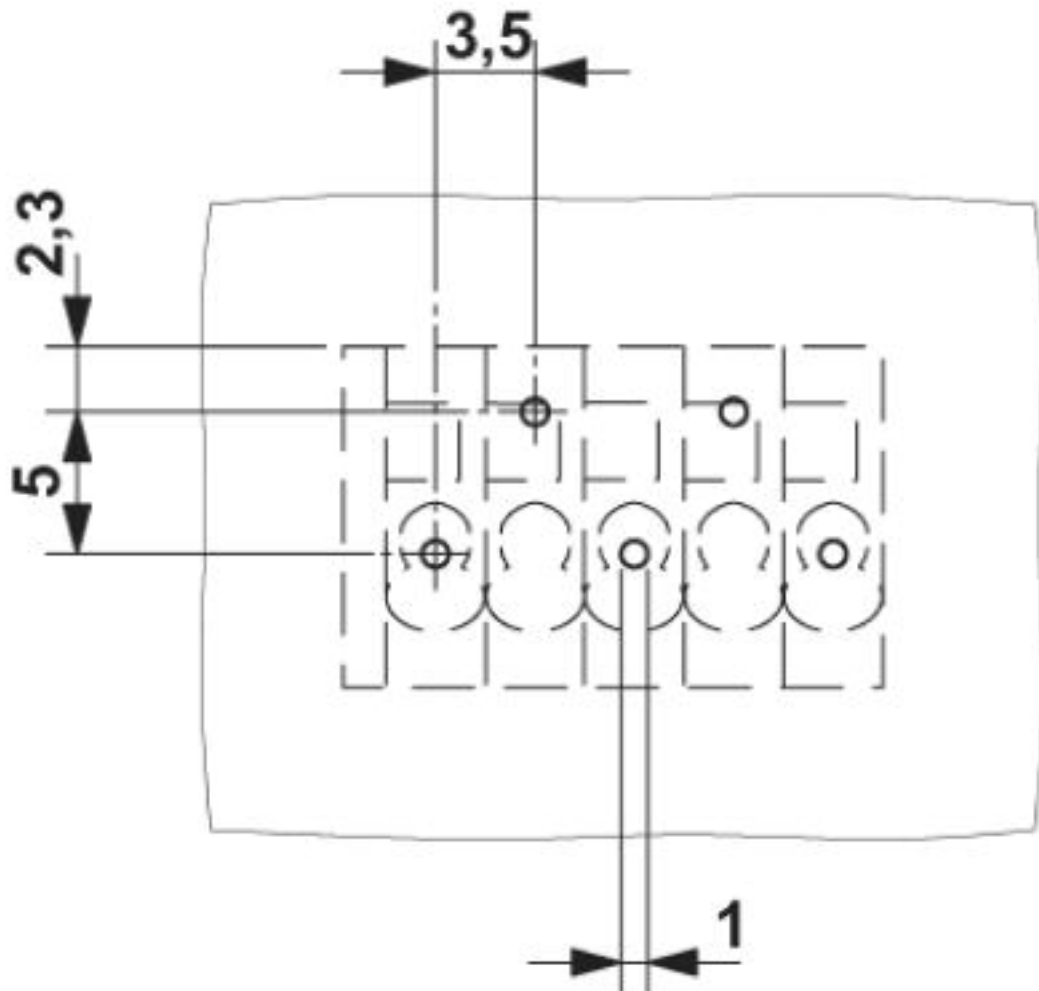


cULus Recognized 

Drawings

PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

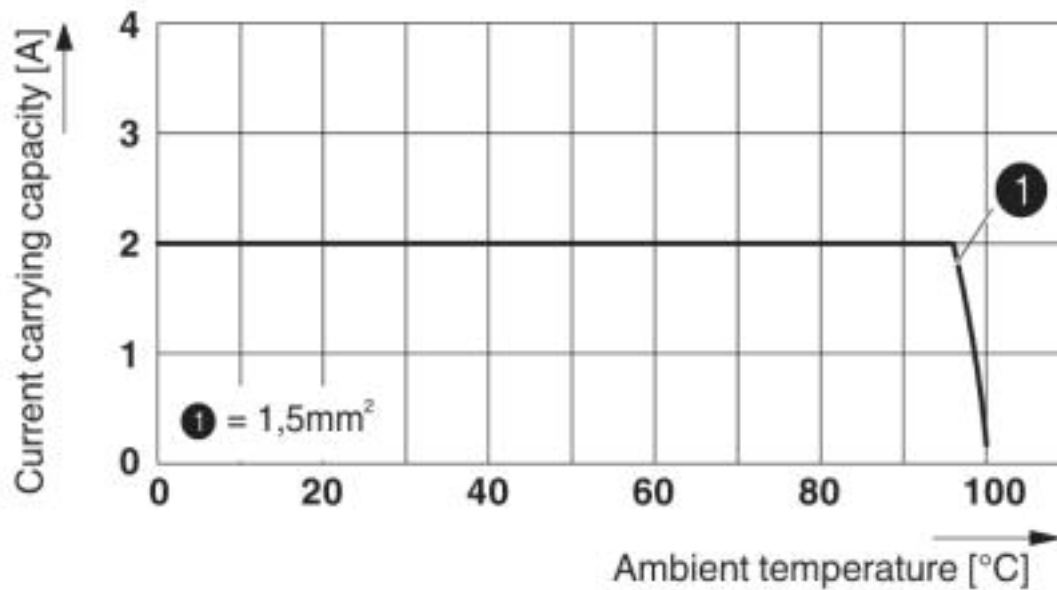
Drilling diagram



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

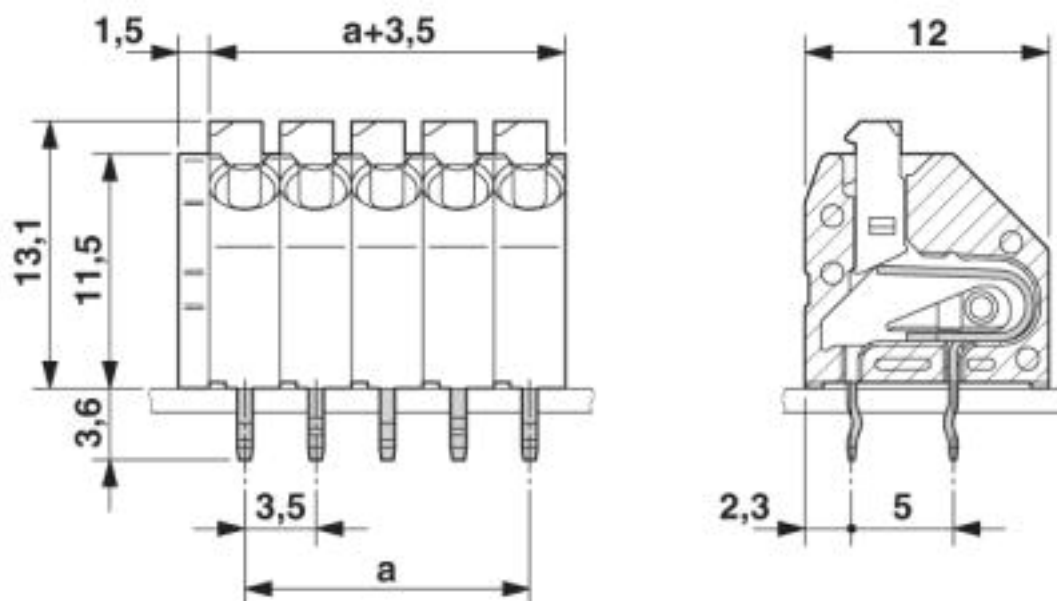
PCB terminal block - PTSA 1,5/10-3,5-Z - 1985276

Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



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

© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>