

PCB terminal block - PTSA 1,5/ 5-3,5-Z - 1985221

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The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 8 A, Nom. voltage: 400 V, Pitch: 3.5 mm, Number of positions: 5, Connection method: Push-in spring connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

Product Features

- ✓ Compact design with easy actuation and direct plug-in technology
- ✓ 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.



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	2.83 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	3.50 mm
Dimension a	14 mm
Width	19 mm
Constructional height	13.1 mm
Height	16.7 mm
Length of the solder pin	3.6 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm

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Technical data

Dimensions

Hole diameter	1 mm
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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
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	9 mm
Number of positions	5

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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

Approvals

Approvals

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


Ex Approvals


Approvals submitted


Approval details

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Approvals


VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.5-0.75
Nominal current I _N	2 A
Nominal voltage U _N	250 V

UL Recognized 		
	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current I _N	5 A	5 A
Nominal voltage U _N	300 V	300 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current I _N	5 A	5 A
Nominal voltage U _N	300 V	300 V

CCA	
mm²/AWG/kcmil	0.75
Nominal current I _N	2 A

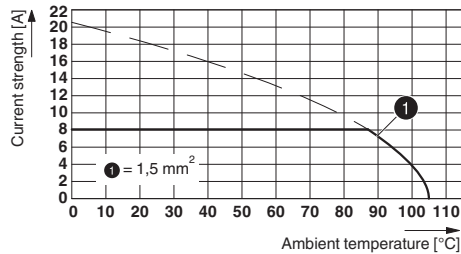
EAC

cULus Recognized 
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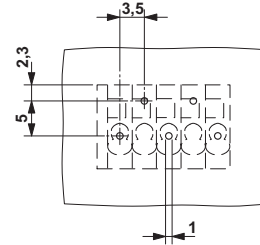
Drawings

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Diagram



Drilling diagram



Type: PTSA 1,5/4-3,5-Z
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 Number of positions: 4

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.

Dimensional drawing

