

PCB terminal block - PTSA 1,5/ 3-3,5-Z - 1985205

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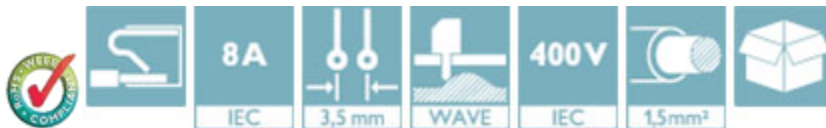


PCB terminal block, Nominal current: 8 A, Nom. voltage: 400 V, Pitch: 3.5 mm, Number of positions: 3, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

The figure shows a 10-position version of the product

Product Features

- Compact design with easy actuation and direct plug-in technology
- 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	250 pc
Weight per Piece (excluding packing)	1.72 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	3.50 mm
Dimension a	7 mm
Width	12 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	3

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
eCl@ss 9.0	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

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

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

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

EAC

cULus Recognized 	
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Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Screwdriver tools

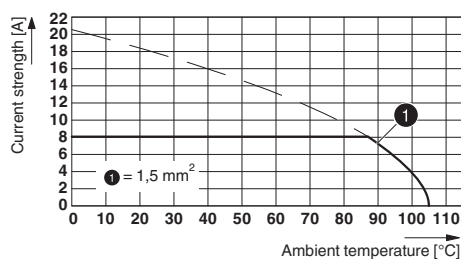
Screwdriver - SZS 0,4X2,5 VDE - 1205037



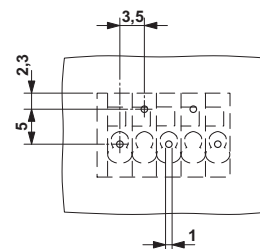
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Diagram



Drilling diagram

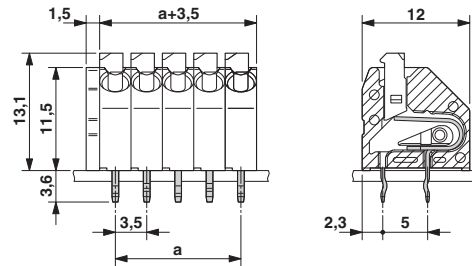


Type: PTSA 1,5/4-3,5-Z
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 Number of positions: 4

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.

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Dimensional drawing



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

Mouser Electronics

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