Spring-cage PCB terminal block - PTSA 1,5/ 7-3,5-F - 1985014

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The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 7, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Product Features

- 3.5 mm pitch
- 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.
- Color coding and mixed pitches as an option

Key commercial data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	3.76 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Height	13.1 mm
Pitch	3.5 mm
Dimension a	21 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm
Hole diameter	1 mm

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Technical data

General

Range of articles	PTSA 1,5
Insulating material group	I
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/3)	200 V
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 cross section	1.5 mm²
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	7

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
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

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Classifications

eCl@ss

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

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	D
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	5 A	5 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.5-0.75
Nominal current IN	2 A
Nominal voltage UN	130 V

cUL Recognized

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

CCA

mm²/AWG/kcmil	0.75
Nominal current IN	2 A

GOST

GOST

cULus Recognized

Drawings

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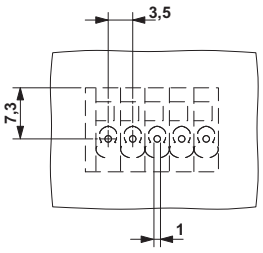
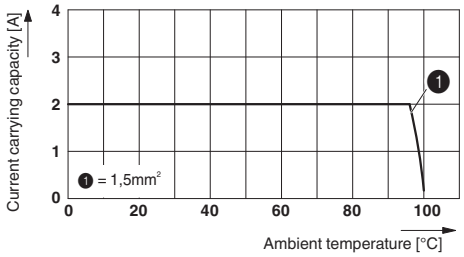
Drilling diagram



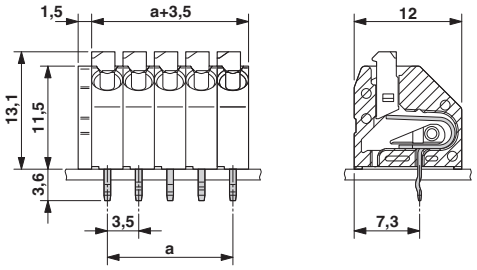
Diagram



The illustration shows the drilling diagram of the 5-position product version

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

Dimensioned drawing



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

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