

Spring-cage PCB terminal block - PTSA 1,5/20-3,5-F - 1985140

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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: 20, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 922221
Weight per Piece (excluding packing)	9.17 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	12 mm
Height	13.1 mm
Pitch	3.5 mm
Dimension a	66.5 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)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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Technical data

General

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 mm ²
Maximum load current	8 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	9 mm
Number of positions	20

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

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

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Classifications

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 / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm ² /AWG/kcmil	24-16	24-16
Nominal current IN	5 A	5 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm ² /AWG/kcmil	0.5-0.75
Nominal current IN	2 A
Nominal voltage UN	130 V

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Approvals

cUL Recognized		
	B	D
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	5 A	5 A
Nominal voltage U _N	300 V	300 V

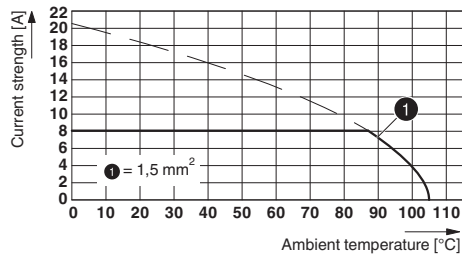
CCA	
mm ² /AWG/kcmil	0.75
Nominal current I _N	2 A

EAC

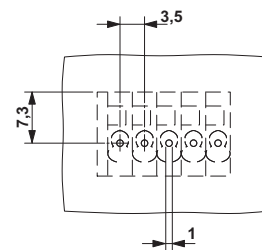
cULus Recognized

Drawings

Diagram



Drilling diagram

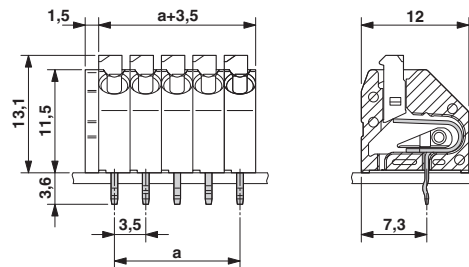


Type: PTSA 1,5/4-3,5-Z
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 Number of positions: 4

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

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Dimensioned drawing



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