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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PCB terminal block - PTS 1,5/ 6-5,0-H - 1792902

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PC terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 6, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



## Why buy this product

- Conductor cross section up to 2.5 mm<sup>2</sup>
- Compact design
- Conductor connection with direct plug-in technology
- Integrated release button
- Test connection

## Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 521 (CC-2011)
GTIN	 4 046356 616386
Custom tariff number	85369010
Country of origin	GERMANY

## Technical data

### Dimensions / positions

Length	10.5 mm
Height	16.1 mm
Width	30 mm
Pitch	5 mm
Dimension a	25 mm
Number of positions	6
Hole diameter	1.2 mm

### Technical data

Range of articles	PTS 1,5/...-H
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

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## Technical data

### Technical data

Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Nominal current I <sub>N</sub>	12 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	14

## Classifications

### eclass

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

### etim

ETIM 4.0	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

### Certificates

Certification

UL Recognized / cUL Recognized / GOST / cULus Recognized

Certification EX

Certification submitted

### Approval details

UL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

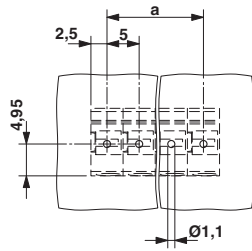
GOST
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cULus Recognized
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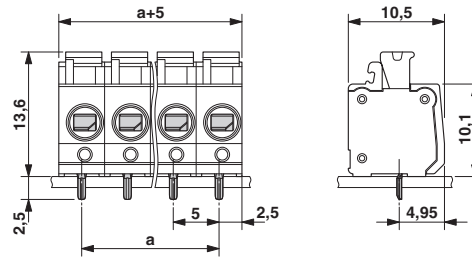
## Drawings

# PCB terminal block - PTS 1,5/ 6-5,0-H - 1792902

Drilling diagram



Dimensioned drawing



Diagram

