

## PCB terminal block - PTS 1,5/ 4-5,0-H - 1792889

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green




### Why buy this product

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



### Key commercial data

Packing unit	250 pc
GTIN	 4 046356 615365
Weight per Piece (excluding packing)	2.22 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	10.5 mm
Height	16.1 mm
Width	20 mm
Pitch	5 mm
Dimension a	15 mm
Pin dimensions	0,83 x 0,5 mm
Hole diameter	1.2 mm

#### General

Range of articles	PTS 1,5/..-H
Insulating material group	I

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## Technical data

### General

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
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
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	8 mm
Number of positions	4

### 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

### 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

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## Classifications

### ETIM

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 / cUL Recognized / GOST / GOST / VDE Gutachten mit Fertigungsüberwachung / CCA / IECCEB Scheme / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

cUL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-14	26-14
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

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## Approvals

GOST
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GOST
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VDE Gutachten mit Fertigungsüberwachung	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

CCA	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

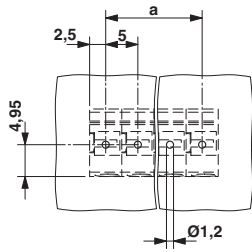
IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

cULus Recognized	
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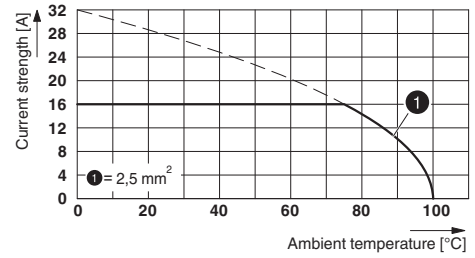
## Drawings

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Drilling diagram



Diagram



Dimensioned drawing

