

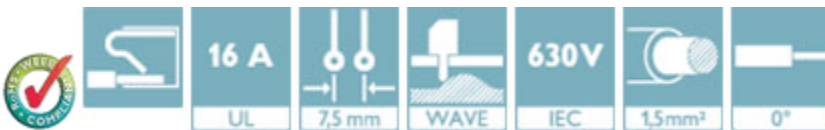
## PCB terminal block - PTS 1,5/ 7-7,5-H - 1703090

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 7, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green



The illustration shows the 10-position version



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	6.4 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	10.5 mm
Pitch	7.50 mm
Dimension a	45 mm
Width	50 mm
Constructional height	13.6 mm
Height	16.1 mm
Length of the solder pin	2.5 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
Rated surge voltage (III/3)	6 kV

## PCB terminal block - PTS 1,5/ 7-7,5-H - 1703090

### Technical data

#### General

Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Nominal current I <sub>N</sub>	16 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	7

#### 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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14

#### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### 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

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## Classifications

### eCl@ss

eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### 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

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#### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / CCA / IECCE CB Scheme / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted


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## 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


# PCB terminal block - PTS 1,5/ 7-7,5-H - 1703090

## Approvals

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


VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	450 V

CCA	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	450 V

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	450 V

EAC
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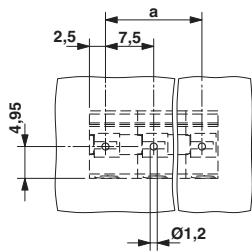
EAC
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cULus Recognized 
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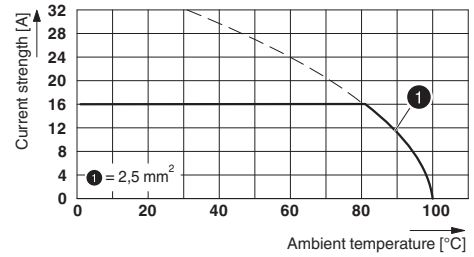
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## Drawings

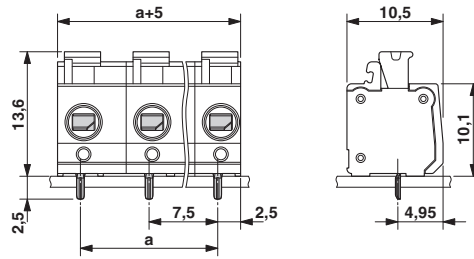
Drilling diagram



Diagram



Dimensional drawing



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