

## PCB terminal block - PLH 16/ 1-10 - 1703995

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	8.8 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	10 mm
Pin dimensions	1,2 x 1,2 mm
Pin spacing	12.5 mm
Hole diameter	1.6 mm

#### General

Range of articles	PLH 16/
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
Rated voltage (III/3)	400 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	800 V
Nominal current $I_N$	76 A
Nominal cross section	16 mm <sup>2</sup>
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0

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## Technical data

### General

Stripping length	18 mm
Number of positions	1

### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Minimum AWG according to UL/CUL	18
Maximum AWG according to UL/CUL	6

## Classifications

### eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

### ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC002637
ETIM 5.0	EC002643

### UNSPSC

UNSPSC 6.01	30211811
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals


#### Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / GOST

#### Ex Approvals

#### Approvals submitted

### Approval details


UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	18-6	18-6	18-6
Nominal current I <sub>N</sub>	51 A	51 A	10 A
Nominal voltage U <sub>N</sub>	300 V	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.75-16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	400 V

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### Approvals

CCA	
mm <sup>2</sup> /AWG/kcmil	0.75-16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	400 V

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.75-16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	400 V

GOST 	
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