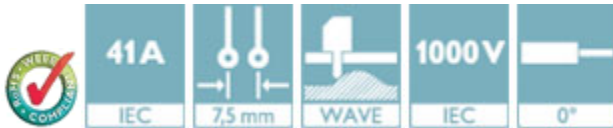


## PCB terminal block - PLH 5/ 7-7,5-ZF - 1792151

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 7, Connection method: Push-lock spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	30.0 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	7.50 mm
Dimension a	45 mm
Length of the solder pin	3.6 mm
Pin dimensions	1,2 x 1,5 mm
Pin spacing	12.5 mm
Hole diameter	2 mm

#### General

Range of articles	PLH 5/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V

# PCB terminal block - PLH 5/ 7-7,5-ZF - 1792151

## Technical data

### General

Rated voltage (U <sub>I</sub> /2)	1000 V
Nominal current I <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	12 mm
Number of positions	7

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>

### 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	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

# PCB terminal block - PLH 5/ 7-7,5-ZF - 1792151

## Classifications

eCl@ss

eCl@ss 9.0	27440401
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ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / VDE approval of drawings / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-10	24-10
Nominal current I <sub>N</sub>	27 A	27 A
Nominal voltage U <sub>N</sub>	600 V	600 V

# PCB terminal block - PLH 5/ 7-7,5-ZF - 1792151

## Approvals

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-10	24-10
Nominal current I <sub>N</sub>	27 A	27 A
Nominal voltage U <sub>N</sub>	600 V	600 V

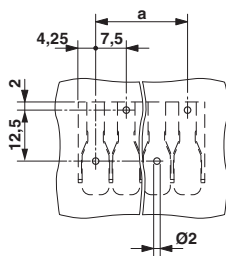
EAC
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VDE approval of drawings	
mm <sup>2</sup> /AWG/kcmil	0.2-6
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	1000 V

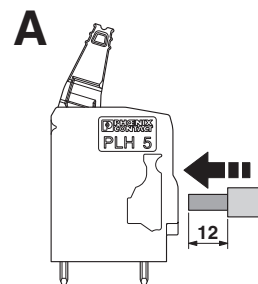
cULus Recognized	
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## Drawings

Drilling diagram

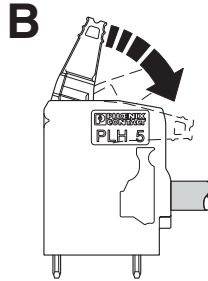


Functional drawing

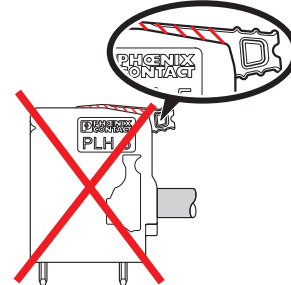


# PCB terminal block - PLH 5/ 7-7,5-ZF - 1792151

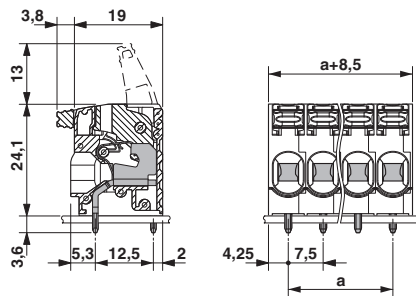
Functional drawing



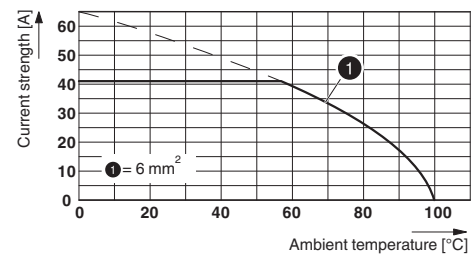
Functional drawing



Dimensional drawing



Diagram



Type: PLH 5/...-7,5(-ZF)