

## PCB terminal block - PLH 5/ 6-7,5-ZF BD:6-1 - 1715107

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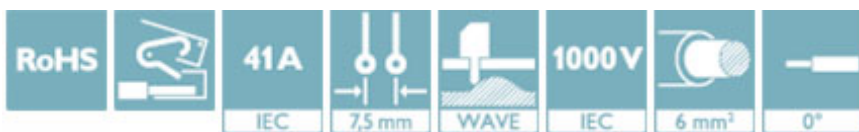


PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 6, connection method: Push-lock spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 4-pos. version of the product

### Your advantages

- ✓ Tool-free lever principle enables time-saving connection and release of conductors with/without ferrules
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Time-saving push-in connection when lever is closed
- ✓ Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- ✓ Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	1
GTIN	
GTIN	4055626388564
Custom tariff number	85369010

### Technical data

#### Dimensions

Length [ l ]	22.8 mm
Pitch	7.5 mm
Dimension a	37.5 mm
Width [ w ]	46 mm
Height	24.1 mm
Height [ h ]	27.7 mm
Solder pin [P]	3.6 mm
Pin spacing	12.5 mm
Hole diameter	2 mm

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## Technical data

### 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)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	12 mm
Number of positions	6

### 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

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Classifications

### eCl@ss

eCl@ss 5.1	27261100
eCl@ss 6.0	27261100

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## Classifications

### eCl@ss

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

### ETIM

ETIM 5.0	EC002643
ETIM 6.0	EC002643

## Approvals


### Approvals

#### Approvals


VDE Zeichengenehmigung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

VDE Zeichengenehmigung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40041250
Nominal voltage UN	1000 V		
Nominal current IN	41 A		
mm <sup>2</sup> /AWG/kcmil	0.2-6		

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20110524
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	27 A	27 A	
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	

