

## PCB terminal block - PLA 5/ 1-7,5 - 1792216

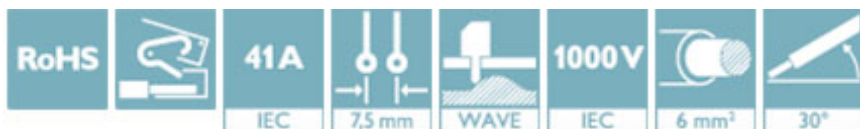
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PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 1, connection method: Push-lock spring connection, mounting: Wave soldering, conductor/PCB connection direction: 30 °, color: green

### Why buy this product

- 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
- Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	25 STK
GTIN	 4 046356 610407
GTIN	4046356610407

### Technical data

#### Dimensions

Pitch	7.5 mm
Solder pin [P]	3.6 mm
Pin dimensions	1,2 x 1,5 mm
Pin spacing	12.5 mm
Hole diameter	2 mm

#### General

Range of articles	PLA 5/
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V

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## Technical data

### General

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	1

### 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

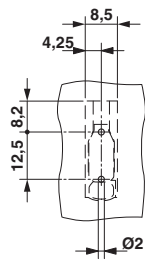
### Environmental Product Compliance

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

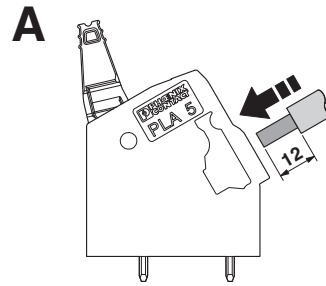
## Drawings

# PCB terminal block - PLA 5/ 1-7,5 - 1792216

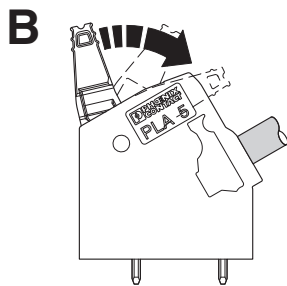
Drilling diagram



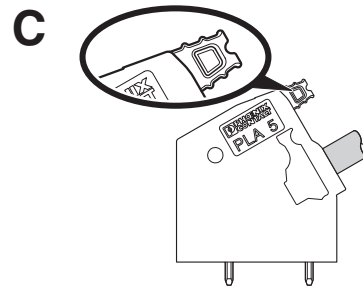
Functional drawing



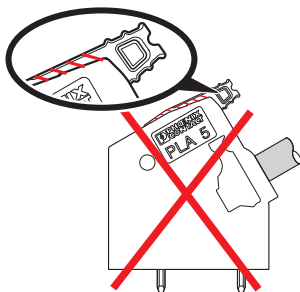
Functional drawing



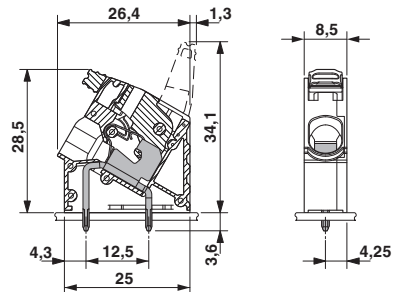
Functional drawing



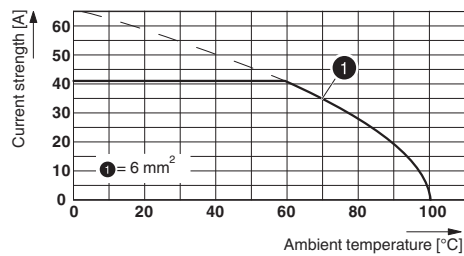
Functional drawing



Dimensional drawing



Diagram



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

Approvals

Approvals

# PCB terminal block - PLA 5/ 1-7,5 - 1792216


## Approvals

Approvals


VDE approval of drawings / EAC / cULus Recognized

Ex Approvals

## Approval details

VDE approval of drawings		<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
	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	27 A	27 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10

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