

# PCB terminal block - SPT 5/ 1-V-7,5 GY - 1705214

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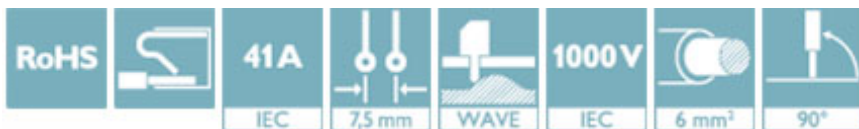


PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: gray

The figure shows a 1-pos. version of the product

## Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Vertical connection enables multi-row arrangement on the PCB



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356760201

## Technical data

### Dimensions

Length [ l ]	18.5 mm
Pitch	7.5 mm
Width [ w ]	9.3 mm
Height	24.15 mm
Height [ h ]	28.75 mm
Solder pin [P]	4.6 mm
Pin spacing	14 mm
Hole diameter	2.1 mm

### General

Range of articles	SPT 5/..-V
Rated surge voltage (III/3)	8 kV

# PCB terminal block - SPT 5/ 1-V-7,5 GY - 1705214

## Technical data

### General

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	800 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	41 A
Nominal cross section	6 mm <sup>2</sup>
Stripping length	15 mm
Number of positions	1

### Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

CCA / IEC/CEB Scheme / SEV / EAC / cULus Recognized


#### Ex Approvals


### Approval details

CCA	IK-2956
Nominal voltage U <sub>N</sub>	450 V
Nominal current I <sub>N</sub>	41 A
mm <sup>2</sup> /AWG/kcmil	6


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## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-7429
Nominal voltage UN	450 V		
Nominal current IN	41 A		
mm <sup>2</sup> /AWG/kcmil	6		

SEV		<a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a>	IK-3150
Nominal voltage UN	450 V		
Nominal current IN	41 A		
mm <sup>2</sup> /AWG/kcmil	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>	E60425-20061129
	D	B	C
Nominal voltage UN	600 V	300 V	150 V
Nominal current IN	5 A	36 A	36 A
mm <sup>2</sup> /AWG/kcmil	24-8	24-8	24-8

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