

## PCB terminal block - PT 1,5/ 3-PH-5,0 - 1755596

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PCB connector, nominal current: 10 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ High terminal block capacity thanks to rectangular terminal block space



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 334136
GTIN	4046356334136
Weight per Piece (excluding packing)	3.680 g
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Length [ l ]	12.2 mm
Width [ w ]	15 mm
Height [ h ]	13.15 mm
Pitch	5 mm
Dimension a	10 mm

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### Technical data

#### General

Range of articles	PT 1,5/...-PH
Number of positions	3
Connection method	Screw connection with tension sleeve
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)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	10 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	10 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	6 mm
Tightening torque, min	0.35 Nm
Tightening torque max	0.4 Nm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	14

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

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## Technical data

### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

## Approvals

### Approvals

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### Approvals

CSA / IECCEB CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized


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## Approvals


Ex Approvals


### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	5 A	5 A	
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58170
Nominal voltage UN	320 V		
Nominal current IN	10 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		

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>	40044443
Nominal voltage UN	320 V		
Nominal current IN	10 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		

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>	E60425-20030211
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	

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### Approvals

	B	D
mm <sup>2</sup> /AWG/kcmil	28-14	28-14

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-PTDA - 1731361

Coding profile, inserted into the groove on the plug, made from red insulating material, diameter: 1.35 mm



### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

### Additional products

Pin strip - PST 1,3/ 3-H-5,0 - 1705478

Pin strip, nominal current: 12 A, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering. The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



Pin strip - PST 1,3/ 3-5,0 - 1933192

Pin strip, nominal current: 12 A, number of positions: 3, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering. The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



