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PCB terminal block - PTS 1,5/ 2-5,0-H - 1792863

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green




The illustration shows the 10-position version

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Finger-operated release button for very convenient operation
- Quick and convenient testing using integrated test option
- Largest possible clamping space in a small component size



Key Commercial Data

Packing unit	250 STK
Minimum order quantity	250 STK
GTIN	 4 046356 615341
GTIN	4046356615341
Sales Key	AACBCA

Technical data

Dimensions

Length	10.5 mm
Pitch	5 mm
Dimension a	5 mm
Width	10 mm
Constructional height	13.6 mm
Height	16.1 mm
Length of the solder pin	2.5 mm
Pin dimensions	0,83 x 0,5 mm

<https://www.phoenixcontact.com/cn/products/1792863>

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Technical data

Dimensions

Hole diameter	1.2 mm
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General

Range of articles	PTS 1,5/...-H
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
Nominal current I_N	16 A
Nominal cross section	1.5 mm ²
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14

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

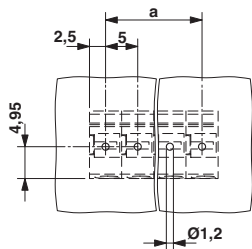
Drawings

https://www.phoenixcontact.com/cn/products/1792863

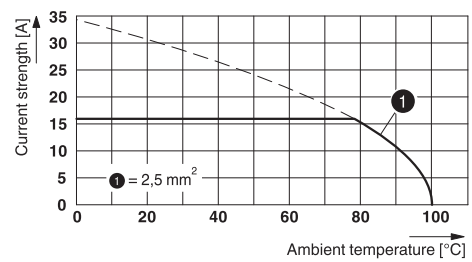


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Drilling diagram

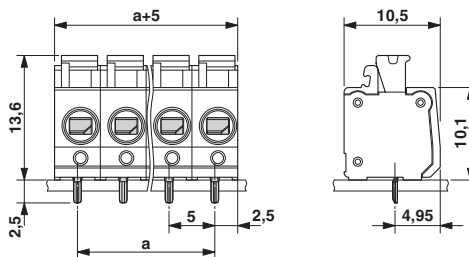


Diagram



Type: PTS 1,5/ 4-5,0-H
 Tested according to DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 Number of positions: 4

Dimensional drawing



Approvals

Approvals

Approvals

IECEE CB Scheme / EAC / VDE approval of drawings / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-57682
mm ² /AWG/kcmil	0.2-2.5		
Nominal current I _N	16 A		
Nominal voltage U _N	250 V		

<https://www.phoenixcontact.com/cn/products/1792863>



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Approvals

EAC		B.01742
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VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40038591
mm ² /AWG/kcmil	0.2-2.5		
Nominal current I _N	16 A		
Nominal voltage U _N	250 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030527
	B	D	
mm ² /AWG/kcmil	26-14	26-14	
Nominal current I _N	15 A	15 A	
Nominal voltage U _N	300 V	300 V	

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