PCB terminal block - PTS 1,5/ 8-5,0-H - 1792928

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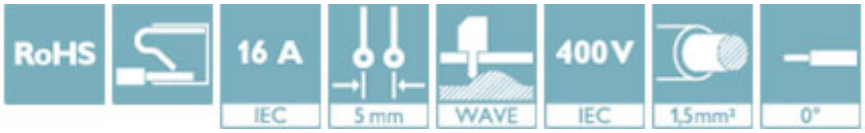
PCB terminal block, nominal current: 16 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure 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	100 pc
GTIN	4 046356 616409
GTIN	4046356616409

Technical data

Dimensions

Length [l]	10.5 mm
Pitch	5 mm
Dimension a	35 mm
Width [w]	40 mm
Constructional height	13.6 mm
Height [h]	16.1 mm
Solder pin [P]	2.5 mm
Pin dimensions	0,83 x 0,5 mm
Hole diameter	1.2 mm

General

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Technical data

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 mm²
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	8

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
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

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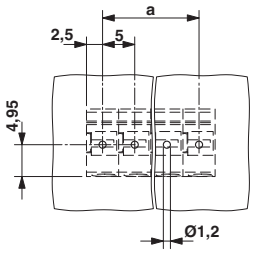
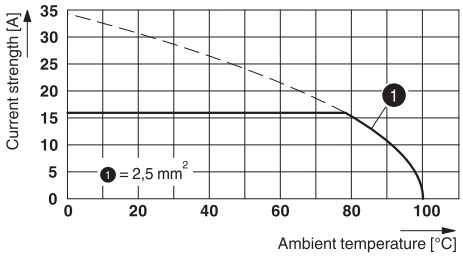
Drilling diagram

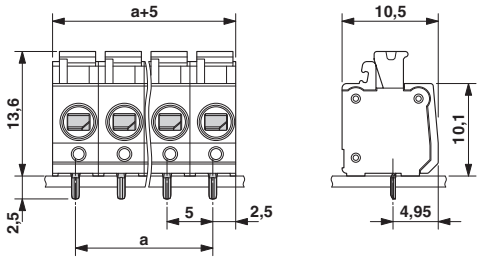


Diagram



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

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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

Nominal voltage UN	400 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.14-2.5

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Approvals

EAC		B.01742

VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40038591

Nominal voltage UN	400 V
Nominal current IN	16 A
mm²/AWG/kcmil	0.14-2.5

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030527

	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

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