

PCB terminal block - PTS 1,5/10-5,0-H - 1792944

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 10, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green



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 STK
Minimum order quantity	100 STK
GTIN	
GTIN	4046356616423
Weight per Piece (excluding packing)	7.980 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	10.5 mm
Pitch	5 mm
Dimension a	45 mm
Width	50 mm
Constructional height	13.6 mm
Height	16.1 mm

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Technical data

Dimensions

Length of the solder pin	2.5 mm
Pin dimensions	0,83 x 0,5 mm
Hole diameter	1.2 mm

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	10

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

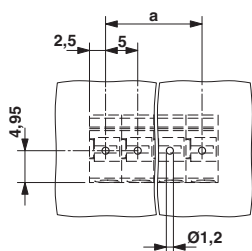
Environmental Product Compliance

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

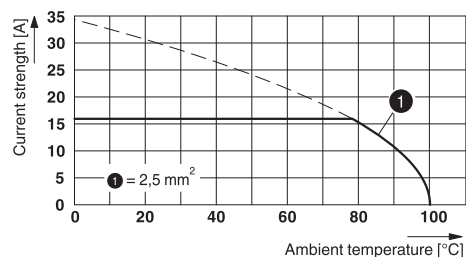
Drawings

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Drilling diagram

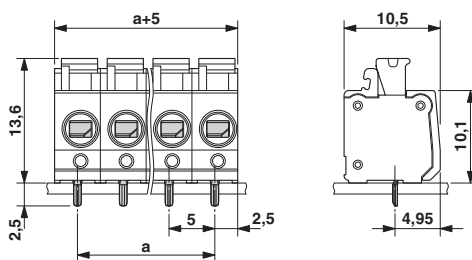


Diagram



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



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 13.2	39121432
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Approvals


Approvals


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UL Recognized / cUL Recognized / IECCE CB Scheme / EAC / VDE approval of drawings / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	26-14	26-14	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	


cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	26-14	26-14	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	


IECEE 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		

EAC		B.01742
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Approvals

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
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