

PCB terminal block - SPT 5/12-H-7,5-ZB - 1719299

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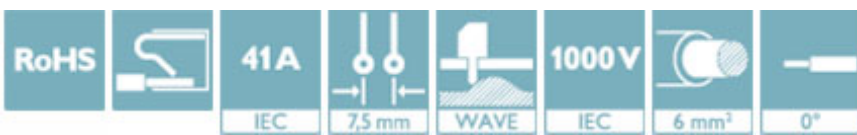


PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 12, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 5-pos. version of the product

Why buy this product

- 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
- Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4046356141390

Technical data

Dimensions

Length [l]	24.15 mm
Pitch	7.5 mm
Dimension a	82.5 mm
Width [w]	91.8 mm
Constructional height	14.4 mm
Height [h]	19 mm
Solder pin [P]	4.6 mm
Pin dimensions	1,7 x 0,8 mm
Pin spacing	13.2 mm
Hole diameter	2.1 mm

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Technical data

General

Range of articles	SPT 5/...-H
Insulating material group	I
Rated surge voltage (III/3)	8 kV
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_N	41 A
Nominal cross section	6 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	15 mm
Number of positions	12

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 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.	6 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.	4 mm ²
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 ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Standards and Regulations

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

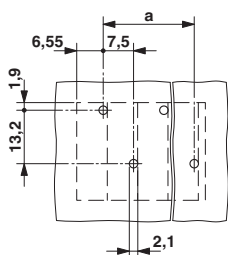
Environmental Product Compliance

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

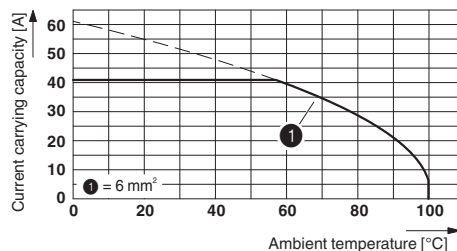
Drawings

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Drilling diagram

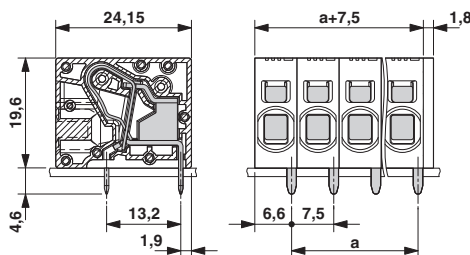


Diagram



Type: SPT 5/...-H-7,5-ZB
 Test following DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 No. of positions: 5

Dimensional drawing



Approvals

Approvals

Approvals

SEV / CCA / IECCEB CB Scheme / EAC / cULus Recognized

Ex Approvals


Approval details


SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3150
mm²/AWG/kcmil	6		
Nominal current I _N	41 A		
Nominal voltage U _N	1000 V		


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Approvals

CCA		IK-2956
mm ² /AWG/kcmil	6	
Nominal current I _N	41 A	
Nominal voltage U _N	1000 V	

IECEE CB Scheme		http://www.iecee.org/	CH-7429
mm ² /AWG/kcmil	6		
Nominal current I _N	41 A		
Nominal voltage U _N	1000 V		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129
	B	C	
mm ² /AWG/kcmil	24-8	24-8	
Nominal current I _N	36 A	36 A	
Nominal voltage U _N	600 V	600 V	

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