

PCB terminal block - SPT 5/ 2-V-7,5 - 1738144

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, 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
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	8.400 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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Dimensions

Pitch	7.50 mm
Dimension a	7.5 mm
Width	16.8 mm
Constructional height	14.4 mm
Height	19 mm
Length of the solder pin	4.6 mm
Pin dimensions	1,7 x 0,8
Pin spacing	14 mm

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Technical data

Dimensions

Hole diameter	2.1 mm
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General

Range of articles	SPT 5/..-V
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
Solder pin surface	Sn
Stripping length	15 mm
Number of positions	2

Connection data

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

Classifications

eCl@ss

eCl@ss 4.0	27141109
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

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Classifications

eCl@ss

eCl@ss 9.0	27440401
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ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

Approvals


Approvals

Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECCEB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

Approval details


UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425			
	B	C	D
mm ² /AWG/kcmil	24-8	24-8	24-8
Nominal current I _N	36 A	36 A	5 A
Nominal voltage U _N	300 V	150 V	600 V

SEV https://www.electrosuisse.ch IK-3150	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A

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Approvals


Nominal voltage UN	450 V
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cUL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425

	B	C	D
mm ² /AWG/kcmil	24-8	24-8	24-8
Nominal current IN	36 A	36 A	5 A
Nominal voltage UN	300 V	150 V	600 V

CCA IK-2956


mm ² /AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	450 V

IECEE CB Scheme  <http://www.iecee.org/> CH-7429

mm ² /AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	450 V

EAC EAC-Zulassung

EAC B.01742

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

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