

PCB terminal block - SMKDSP 1,5/ 6-5,08 - 1733619

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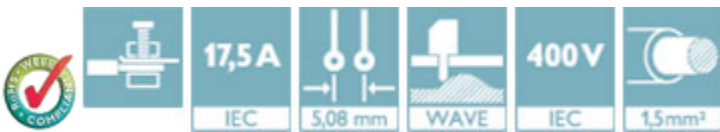
PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 6, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 55 °, Color: green, The article can be aligned to create different nos. of positions!




The figure shows a 10-position version of the product

Product Features

- Conductor and screwdriver axis at an angle of 35° to the usual direction
- Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height
- With 2.3 mm Ø test connection
- Single-row PCB terminal blocks for conductor cross sections up to 1.5 mm²



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 026707
Weight per Piece (excluding packing)	9.12 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	13.4 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Constructional height	16 mm

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Technical data

Dimensions

Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	SMKDSP 1,5
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
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	22 A (with a 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	6
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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.	1.5 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

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Technical data

Connection data

2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²

Standards and Regulations

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

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
eCl@ss 9.0	27440401

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

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Classifications

UNSPSC

UNSPSC 13.2	39121432
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Approvals

Approvals


Approvals


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

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
mm ² /AWG/kcmil	28-14	28-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V


UL Recognized 		
	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current I _N	15 A	10 A
Nominal voltage U _N	250 V	300 V

SEV	
mm ² /AWG/kcmil	2.5
Nominal current I _N	22 A

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Approvals

Nominal voltage UN	250 V
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cUL Recognized 

	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current IN	15 A	10 A
Nominal voltage UN	250 V	300 V

CCA


IECEE CB Scheme 

SEV

mm ² /AWG/kcmil	2.5
Nominal voltage UN	250 V

EAC

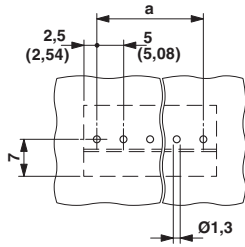
EAC

cULus Recognized 

Drawings

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Drilling diagram



Dimensional drawing

