PCB terminal block - SMKDS 2,5/ 4-5,08 - 1995664

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The illustration shows the 3-pos. version

PCB terminal block, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 4, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 50 °, Color: green

Product Features

- PCB terminal block with 40° angled connection direction
- 5.08 mm pitch
- Screwdriver axis vertical to the PCB

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	9.63 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	14.25 mm
Pitch	5.08 mm
Dimension a	15.24 mm
Constructional height	20 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.4 mm

General

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Technical data

General

Range of articles	SMKDS 2,5
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	20 A
Nominal cross section	2.5 mm²
Solder pin surface	Sn
Internal cylindrical gage	A3
Stripping length	11 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

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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
UNSPSC 13.2	39121432

Approvals

Approvals

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CSA / UL Recognized / SEV / cUL Recognized / CCA / IECEE CB Scheme / SEV / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA

	B	D
mm²/AWG/kcmil	28-12	28-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

SEV

mm²/AWG/kcmil	2.5
Nominal current IN	24 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

CCA

IECEE CB Scheme

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Approvals

SEV	
mm²/AWG/kcmil	2.5
Nominal voltage UN	250 V

EAC

EAC

cULus Recognized