

PCB terminal block - SMKDS 5/ 2-9,5 A0 - 1724385

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PCB terminal block, nominal current: 32 A, pitch: 9.52 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: green



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 242312
GTIN	4017918242312

Technical data

Dimensions

Length [l]	18.5 mm
Pitch	9.52 mm
Dimension a	9.52 mm
Width [w]	19.04 mm
Height	21.5 mm
Height [h]	26.5 mm
Solder pin [P]	5 mm
Hole diameter	1.3 mm

General

Range of articles	SMKDS 5
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm ²
Internal cylindrical gage	A4
Stripping length	8 mm

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Technical data

General

Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	0.75 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.	2.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

CSA / CCA / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	30 A	30 A	
mm²/AWG/kcmil	28-10	28-10	

CCA	IK-3249
Nominal voltage UN	690 V
mm²/AWG/kcmil	6

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-4199
Nominal voltage UN	690 V		
Nominal current IN	32 A		
mm²/AWG/kcmil	6		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870331
	B	C	
Nominal voltage UN	250 V	300 V	
Nominal current IN	30 A	30 A	
mm²/AWG/kcmil	30-10	30-10	

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