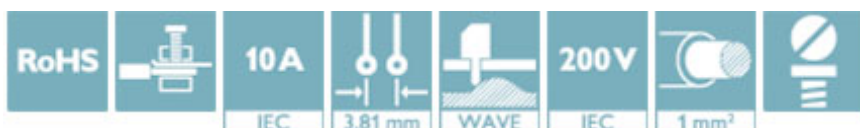



PCB terminal block - SMKDS 1/ 7-3,81 BD:10-SE - 1729218

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PCB terminal block, nominal current: 10 A, pitch: 3.81 mm, number of positions: 7, 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 046356 147859
GTIN	4046356147859

Technical data

Dimensions

Length [l]	10 mm
Pitch	3.81 mm
Dimension a	22.86 mm
Width [w]	26.66 mm
Height	9.5 mm
Height [h]	13 mm
Solder pin [P]	3.5 mm
Hole diameter	1.1 mm

General

Range of articles	SMKDS 1
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	10 A
Nominal cross section	1 mm ²
Stripping length	5 mm
Number of positions	7

PCB terminal block - SMKDS 1/ 7-3,81 BD:10-SE - 1729218

Technical data

General

Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.2 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 / IECEx CB Scheme / SEV / EAC / cULus Recognized


Ex Approvals


Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	D	B	
Nominal voltage UN	300 V	150 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	28-16	28-16	


PCB terminal block - SMKDS 1/ 7-3,81 BD:10-SE - 1729218

Approvals

IECEE CB Scheme		http://www.iecee.org/	CH-8225
Nominal voltage UN	125 V		
Nominal current IN	12 A		
mm ² /AWG/kcmil	1.5		

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-3542-M1
Nominal voltage UN	125 V		
Nominal current IN	12 A		
mm ² /AWG/kcmil	1.5		

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	30-16	30-16	

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