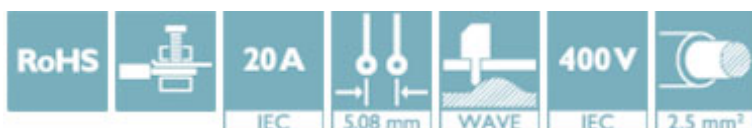



PCB terminal block - SMKDS 2,5/ 9-5,08 BD:9-1 Q SO - 1700063

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PCB terminal block, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 9, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 50 °, Color: green



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 592253
GTIN	4046356592253
Custom tariff number	85369010
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	14.25 mm
Pitch	5.08 mm
Dimension a	40.64 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

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 mm ²
Solder pin surface	Sn

PCB terminal block - SMKDS 2,5/ 9-5,08 BD:9-1 Q SO - 1700063

Technical data

General

Internal cylindrical gage	A3
Stripping length	11 mm
Number of positions	9
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 mm ²
2 conductors with same cross section, solid max.	0.75 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.	0.75 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.	1.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

PCB terminal block - SMKDS 2,5/ 9-5,08 BD:9-1 Q SO - 1700063

Approvals

CSA http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ 13631		
	B	D
mm ² /AWG/kcmil	28-12	28-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

cUL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

EAC B.01742

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