SMKDSN 1,5/ 5 BD:24-32 - 1834106

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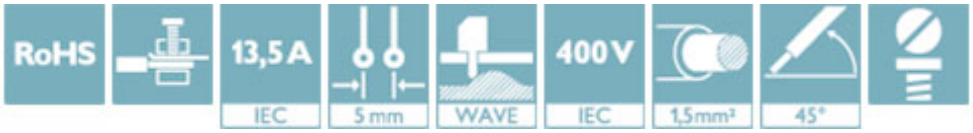
PCB terminal block, nominal current: 13.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green



The figure shows a 10-position version of the product

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Angled connection enables multi-row arrangement on the PCB
- Extremely small design for the respective conductor cross section



Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 046356 954518
GTIN	4046356954518

Technical data

Dimensions

Length [l]	12 mm
Pitch	5 mm
Dimension a	20 mm
Width [w]	26 mm
Height	11 mm
Height [h]	14.5 mm
Solder pin [P]	3.5 mm
Hole diameter	1.3 mm

General

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Technical data

General

Range of articles	SMKDSN 1,5
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	13.5 A
Nominal cross section	1.5 mm²
Internal cylindrical gage	A1
Stripping length	6 mm
Number of positions	5
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.	16
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.	0.5 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 mm²

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”

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Approvals

Approvals

Approvals

CSA / IECEE 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
mm²/AWG/kcmil	28-14	28-14

IECEE CB Scheme http://www.iecee.org/ CH-8225

Nominal voltage UN	250 V
Nominal current IN	13.5 A
mm²/AWG/kcmil	1.5

SEV https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html IK-3542-M1

Nominal voltage UN	250 V
Nominal current IN	13.5 A
mm²/AWG/kcmil	1.5

EAC B.01742

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Approvals

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
mm²/AWG/kcmil	30-14	30-14

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