PCB terminal block - SMKDS 5/ 2-9,5 BK - 1720075

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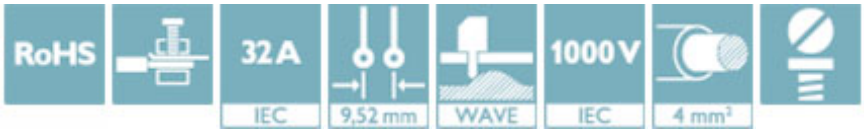
PCB terminal block, nominal current: 32 A, pitch: 9.52 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: black



Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 240547
GTIN	4017918240547

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 mm²
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 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 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.	2.5 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”

Approvals

Approvals

Approvals

CSA / CCA / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

PCB terminal block - SMKDS 5/ 2-9,5 BK - 1720075

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

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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