PCB terminal block - SMKDS 5/ 3-9,5 - 1720020

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PC terminal block, Nominal current: 32 A, Nom. voltage: 1000 V, Pitch: 9.52 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 35 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- Conductor connection direction angled to the PCB (35°)
- PCB terminal blocks with screw connection, up to 6 mm² conductor cross section

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 367 (CC-2011)
GTIN	4 017918 024987
Custom tariff number	85369010
Country of origin	POLAND

Technical data

Dimensions / positions

Length	18.5 mm
Pitch	9.52 mm
Dimension a	19.04 mm
Number of positions	3
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	SMKDS 5
Insulating material group	I
Rated surge voltage (III/3)	6 kV

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Technical data

Technical data

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
Maximum load current	32 A
Insulating material	PA
Inflammability class according to UL 94	V2
Internal cylindrical gage	A4
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	30 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	30 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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
Minimum AWG according to UL/CUL	30

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Technical data

Connection data

Maximum AWG according to UL/CUL	10

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432
UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

Approvals

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CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	C
mm²/AWG/kcmil	30-10	30-10
Nominal current IN	30 A	30 A
Nominal voltage UN	250 V	300 V

SEV

mm²/AWG/kcmil	6
Nominal voltage UN	690 V

cUL Recognized

	B	C
mm²/AWG/kcmil	30-10	30-10
Nominal current IN	30 A	30 A
Nominal voltage UN	250 V	300 V

GOST

CCA

mm²/AWG/kcmil	6
Nominal voltage UN	690 V

GOST

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Approvals

cULus Recognized

Accessories

Accessories

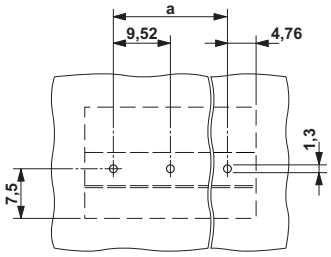
Tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensioned drawing