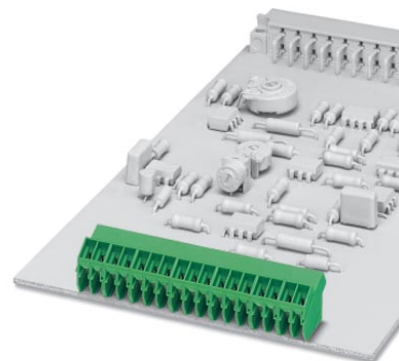


SMKDS 1,5/ 2-3,5

Order No.: 1931770

The illustration shows the versions SMKDS 1,5/2 and SMKDS 1,5/3 when plugged in



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1931770>

PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 2, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 55 °, Color: green, The article can be aligned to create different nos. of positions! When using the PCB terminal block in 2 and 3-pos. versions, the variant with the SMKDSV 1,5/...-3,5 anti-rotation pin should be used.

Commercial data

EAN	4017918899530
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.001662 KG
Catalog page information	Page 55 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Length	13.7 mm
Height	12 mm

Pitch	3.5 mm
Dimension a	3.5 mm
Number of positions	2
Pin dimensions	0,6 x 1 mm
Pin spacing	3.5 mm
Hole diameter	1.3 mm
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Insulating material group	I
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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	160 V
Nominal cross section	1.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.08 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.	0.34 mm ²

Certificates / Approvals



Certification

CB, CCA, CUL, SEV, UL

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-14

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-14

Accessories

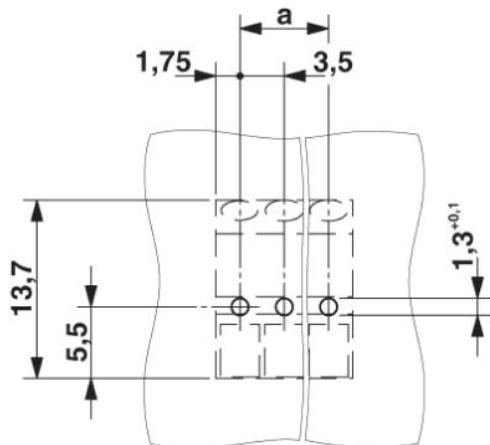
Item	Designation	Description
Marking		
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks

Tools

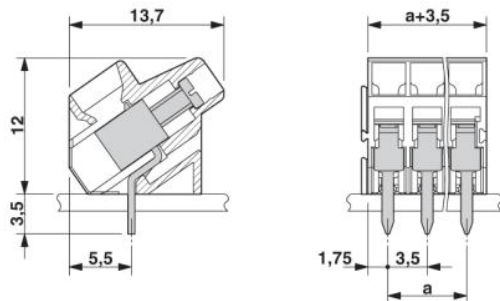
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm
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Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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