



Extract from the online catalog

SMKDS 3/ 6-5,08

Order No.: 1713286

The illustration shows a 6-position version



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1713286>

PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 6, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 35 °, The article can be aligned to create different nos. of positions!

Commercial data	
EAN	4017918023942
sales group	E013
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.011699 KG
Catalog page information	Page 75 (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	16 mm
Pitch	5.08 mm
Dimension a	25.4 mm

SMKDS 3/ 6-5,08 Order No.: 1713286
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1713286

Number of positions	6
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

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	28 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 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.	2.5 mm ²

SMKDS 3/ 6-5,08 Order No.: 1713286
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1713286

Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification

CCA, CSA, CUL, GOST, SEV, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-12

CUL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-12

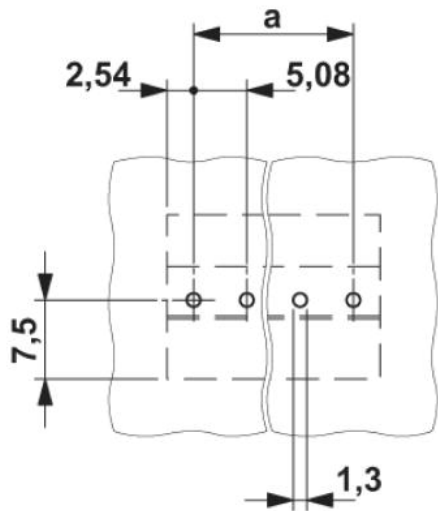
SMKDS 3/ 6-5,08 Order No.: 1713286
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1713286>

UL

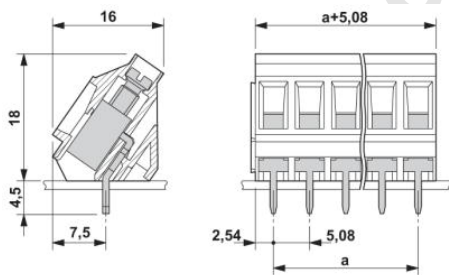
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-12

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



SMKDS 3/ 6-5,08 Order No.: 1713286
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1713286>

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact
Technical modifications reserved;

onlinecomponents.com