

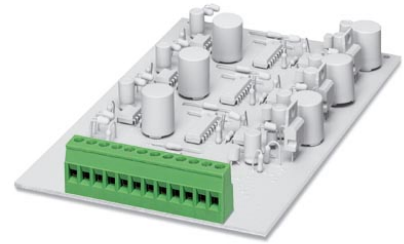


Extract from the online catalog

## MKDS 2,5/ 6-5,08

Order No.: 1730434

The illustration shows a combination as a 12-position version



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730434>

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: 0 °

Commercial data	
EAN	4017918116217
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.012671 KG

### 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	
Pitch	5.08 mm
Dimension a	25.4 mm
Number of positions	6
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm
Screw thread	M3

MKDS 2,5/ 6-5,08 Order No.: 1730434  
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730434

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 <sup>2</sup>
Maximum load current	24 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>

MKDS 2,5/ 6-5,08 Order No.: 1730434  
http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730434

2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Certificates / Approvals



Certification

CCA, CSA, CUL, 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

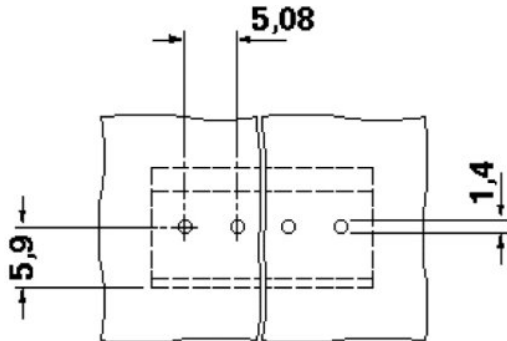
#### UL

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

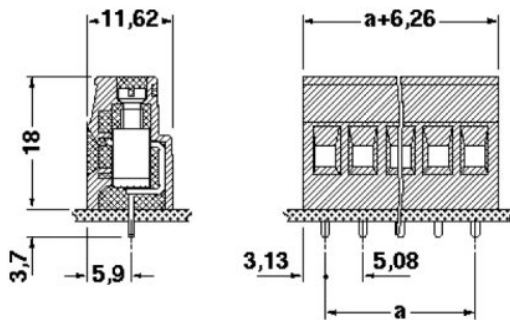
MKDS 2,5/ 6-5,08 Order No.: 1730434  
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730434>

## Drawings

Drilling diagram



Dimensioned drawing



MKDS 2,5/ 6-5,08 Order No.: 1730434  
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730434>

---

**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