

MKDSP 1,5/10

Order No.: 1730094

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1730094>

PC terminal block, Nominal current: 17.5 A, Nom. voltage: 250 V,
Pitch: 5 mm, Number of positions: 10, Type of connection: Screw
connection, Assembly: Soldering, Conductor/PCB connection
direction: 0 °, Color: green

Commercial data

EAN	4017918026196
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.0143 KG
Catalog page information	Page 63 (CC-2009)

Product notes

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



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here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data

Dimensions / positions

Length	11.15 mm
Pitch	5 mm
Dimension a	45 mm

Number of positions	10
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	17.5 A
Nominal voltage U_N	250 V
Nominal cross section	1.5 mm ²
Maximum load current	22 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.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.14 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.	26

Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.14 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.	0.5 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 mm ²

Certificates / Approvals



Certification

CB, CCA, CSA, CUL, GOST, SEV, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-14

CUL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-14

UL

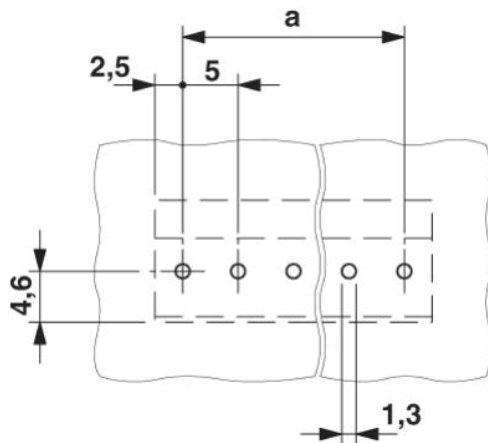
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-14

Accessories

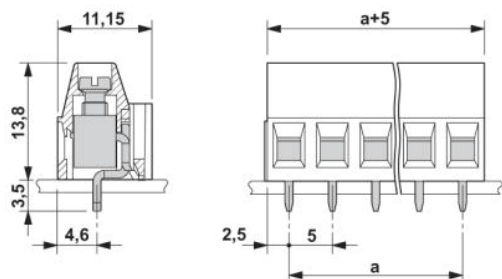
Item	Designation	Description
General		
1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
1718207	ST-MKDSP 3/5	Test plugs
Marking		
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
Plug/Adapter		
0201744	MPS-MT	Metal part
0201647	RPS	Reducing plug, Color: gray
1301355	SPB 10-MKDSP	Accessories
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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