

MKDS 5/ 2-9,5

Order No.: 1714971

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1714971>

PCB terminal block, nominal current: 32 A, rated voltage: 690 V, pitch:
9.5 mm, no. of positions: 2, mounting: Soldering, type of connection:
Screw connection, connection direction from the conductor to the PCB:
0°

Commercial data	
EAN	4017918024116
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.006521 KG
Catalog page information	Page 283 (CC-2007)

Product notes

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



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Technical data	
Dimensions / positions	
Height	21.5 mm
Width	12.5 mm
Pitch	9.52 mm

Dimension a	9.52 mm
Number of positions	2
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm
Screw thread	M 3
Tightening torque, min	0.5 Nm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
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 voltage U_N	690 V
Nominal cross section	4 mm ²
Maximum load current	32 A (with 6 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 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.	4 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.	4 mm ²

Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
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.	2.5 mm ²

Certificates / Approvals



CSA

Nominal voltage U _N	300 V
Nominal current I _N	30 A
AWG/kcmil	28-10

CUL

Nominal voltage U _N	600 V
Nominal current I _N	30 A
AWG/kcmil	30-10

UL

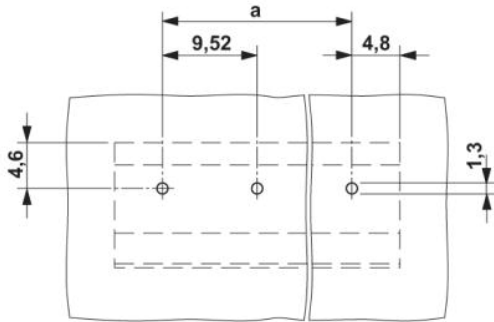
Nominal voltage U _N	600 V
Nominal current I _N	30 A
AWG/kcmil	30-10
Certification	CCA, CSA, CUL, GL, GOST, RS, SEV, UL

Accessories

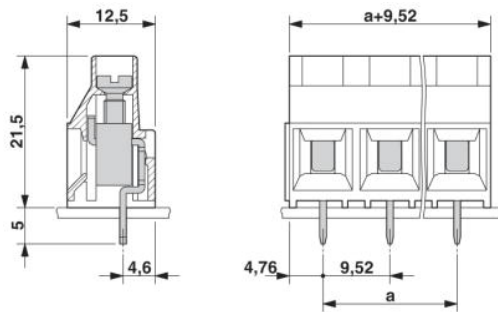
Item	Designation	Description
Marking		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Drawings

Drilling diagram



Dimensioned drawing



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