

PCB terminal block - MKDS 5/ 3-9,5 - 1714984

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



PCB terminal block, Nominal current: 32 A, Nom. voltage: 1000 V, Pitch: 9.52 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Product Features

- ✓ Versions with anti-rotation pins (MKDSV, recommended for 2-pos. connections)
- ✓ PCB terminal blocks with screw connection, up to 6 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918024123

Technical data

Dimensions

Length	19.05 mm
Height	21.5 mm
Pitch	9.52 mm
Dimension a	19.04 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 5
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/3)	690 V
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 cross section	4 mm ²
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn

PCB terminal block - MKDS 5/ 3-9,5 - 1714984

Technical data

General

Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190

PCB terminal block - MKDS 5/ 3-9,5 - 1714984

classifications

eCl@ss

eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / GL / RS / CCA / GOST / cULus Recognized /

Approval details

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	28-10	28-10

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm²/AWG/kcmil	30-10	30-10	30-10

SEV	
Nominal voltage UN	690 V
Nominal current IN	

PCB terminal block - MKDS 5/ 3-9,5 - 1714984

approvals

mm²/AWG/kcmil	6

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm²/AWG/kcmil	30-10	30-10	30-10

GOST 
--

GL

RS

CCA	
Nominal voltage UN	690 V
Nominal current IN	
mm²/AWG/kcmil	6



cULus Recognized  US

accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053



PCB terminal block - MKDS 5/ 3-9,5 - 1714984

accessories

Marker pen

B-STIFT - 1051993



accessories

SK 9,5/3,8:FORTL.ZAHLEN - 0804633

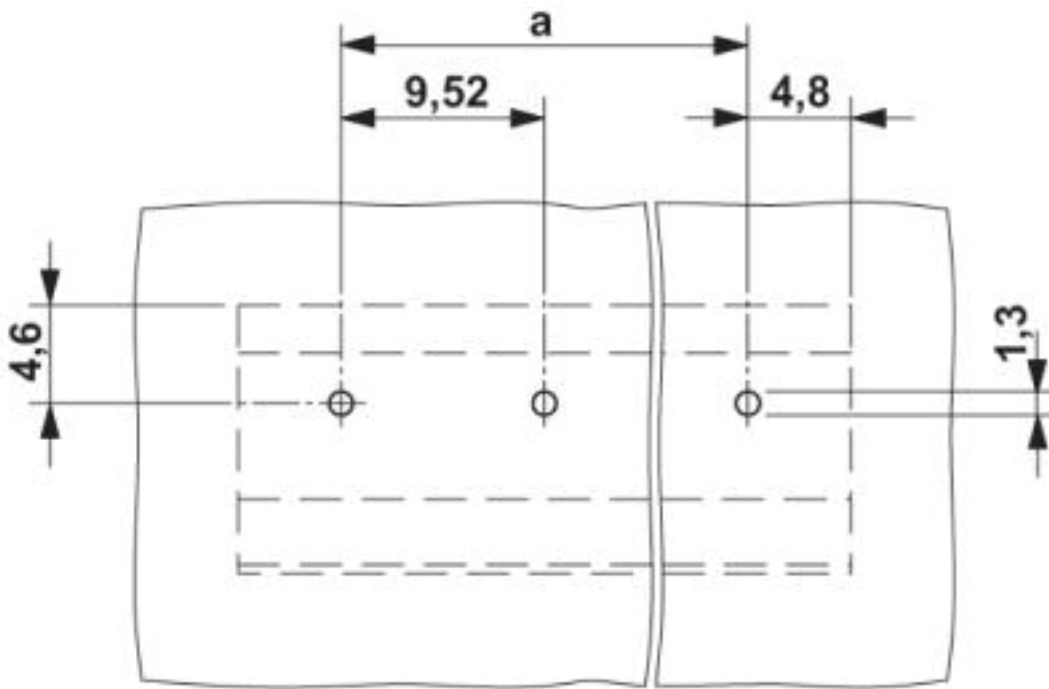


SK 9,5/3,8:UNBEDRUCKT - 0805920

Drawings

PCB terminal block - MKDS 5/ 3-9,5 - 1714984

Drilling diagram



Dimensioned drawing

