

PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

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://phoenixcontact.com/download>)



PCB terminal block, Nominal current: 10 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Connection method: Screw connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

The illustration shows a 2-position version



Key commercial data

Packing unit	1 pc
Minimum order quantity	350 pc
Weight per Piece (excluding packing)	3.31 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.3 mm
Height	8.5 mm
Pitch	3.81 mm
Dimension a	11.43 mm
Pin dimensions	0,5 x 0,9 mm
Pin spacing	3.5 mm
Hole diameter	1.1 mm

General

Range of articles	MKDS 1/..-HT
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

Technical data

General

Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	10 A
Nominal cross section	1 mm ²
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	4
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1 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.	0.25 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.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.2 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	16

Classifications

eCl@ss

eCl@ss 4.0	27141109
------------	----------

PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

Classifications

eCl@ss

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

Approvals

Approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IECCEB Scheme / GOST / SEV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

Approvals

CSA		
	B	D
mm ² /AWG/kcmil	28-16	28-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

UL Recognized		
	B	D
mm ² /AWG/kcmil	30-16	30-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

SEV		
mm ² /AWG/kcmil		1.5
Nominal current IN		12 A
Nominal voltage UN		125 V

cUL Recognized		
	B	D
mm ² /AWG/kcmil	30-16	30-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

GOST		
------	--	--

CCA

PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

Approvals

IECEE CB Scheme

GOST

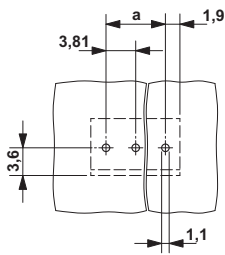
SEV

mm ² /AWG/kcmil	1.5
Nominal current I _N	12 A
Nominal voltage U _N	125 V

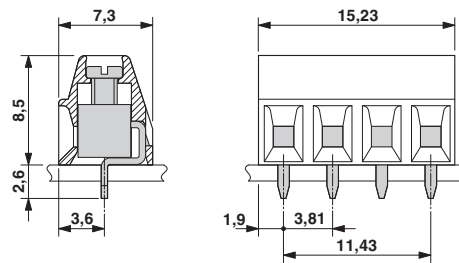
cULus Recognized

Drawings

Drilling diagram



Dimensioned drawing



PCB terminal block - MKDS 1/ 4-3,81 HT BK P26 R24U - 1992670

Dimensioned drawing

