

PCB terminal block - MKDS 5/ 2-6,35 GY - 1732937

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: 32 A, Nom. voltage: 630 V, Pitch: 6.35 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: Gray

Key commercial data

Packing unit	1 pc
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	19.05 mm
Height	21.5 mm
Pitch	6.35 mm
Dimension a	6.35 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 5
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)	500 V
Rated voltage (III/2)	630 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
Solder pin surface	Sn
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm

PCB terminal block - MKDS 5/ 2-6,35 GY - 1732937

Technical data

General

Tightening torque max	0.6 Nm
-----------------------	--------

Connection data

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
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

PCB terminal block - MKDS 5/ 2-6,35 GY - 1732937

Classifications

UNSPSC

UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
mm²/AWG/kcmil	28-10	28-10
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	D
mm²/AWG/kcmil	30-10	30-10
Nominal current I _N	30 A	10 A
Nominal voltage U _N	300 V	300 V

SEV	
mm²/AWG/kcmil	4

PCB terminal block - MKDS 5/ 2-6,35 GY - 1732937

Approvals

Nominal voltage UN	450 V
--------------------	-------

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

CCA	
mm²/AWG/kcmil	6
Nominal voltage UN	500 V

GOST 
--

GOST 
--

cULus Recognized 
--