PCB terminal block - MKDSV 5/ 2-7,62 - 1907131

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: 7.62 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Color: green, In order to avoid tolerances between the terminal blocks and the printed circuit board, they should be interrupted when the number of positions exceeds 30.

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

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	6.0 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	7.62 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDSV 5
Insulating material group	II
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

PCB terminal block - MKDSV 5/ 2-7,62 - 1907131

Technical data

General

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 mm²
Maximum load current	30 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Minimum AWG according to UL/CUL	30

PCB terminal block - MKDSV 5/ 2-7,62 - 1907131

Technical data

Connection data

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
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

PCB terminal block - MKDSV 5/ 2-7,62 - 1907131

Approvals

Approval details

UL Recognized

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

GOST

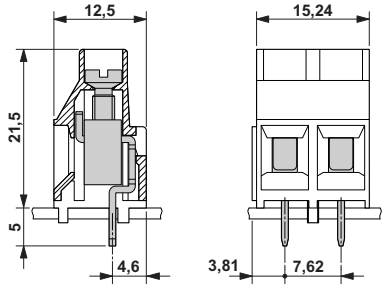
GOST

cULus Recognized

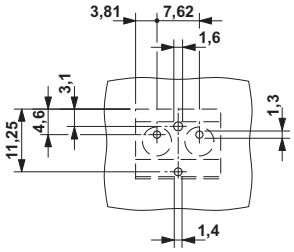
Drawings

PCB terminal block - MKDSV 5/ 2-7,62 - 1907131

Dimensioned drawing



Drilling diagram



Catalog photo



Figure may contain other products.

Phoenix Contact 2014 © - all rights reserved
http://www.phoenixcontact.com

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

PHOENIX CONTACT:

1674794 0801422 0818153 1712737 2838254 1407671 1778599 1604561 0801820 0828799 1817440
3036424 0800379 1619453 2800976 2905346 3244449 0808671:0311 1052345:0021 1442188 2800865
0817028 1539570 3241240 5435970 0818111 1899414 1956137 3210202 3248125