

PCB terminal block - MKDSD 1,5/ 5-3,81 - 1705579

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PCB terminal block, Nominal current: 8 A, Nom. voltage: 320 V, Pitch: 3.81 mm, Number of positions: 5, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



The figure shows a 10-position version of the product



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 116668
Weight per Piece (excluding packing)	4.02 g
Custom tariff number	85369010
Country of origin	Bulgaria

Technical data

Dimensions

Length	9.3 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Pin dimensions	0,5 x 0,8 mm
Hole diameter	1.1 mm

General

Range of articles	MKDSD 1,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	200 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	500 V
Connection in acc. with standard	EN-VDE

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Technical data

General

Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	7 mm
Number of positions	5
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.	1.5 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.	1.5 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.	0.5 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.	0.34 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.	0.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

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

Ex Approvals

Approvals submitted

Approval details


UL Recognized 		
	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current I _N	10 A	10 A

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Approvals


	B	D
Nominal voltage UN	300 V	300 V

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

cUL Recognized 


	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current I _N	10 A	10 A
Nominal voltage UN	300 V	300 V

GOST 

IECEE CB Scheme 

CCA

SEV	
mm ² /AWG/kcmil	1.5
Nominal voltage UN	125 V

GOST 

cULus Recognized 

Accessories

Accessories

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Accessories

Labeled terminal marker

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Screwdriver tools

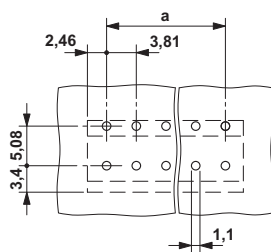
Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensioned drawing

