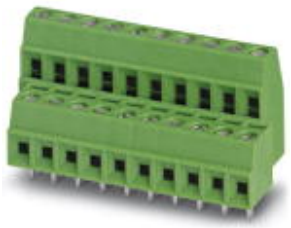
PCB terminal block - MKKDS 1/ 3-3,81 - 1708039

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The figure shows a 10-pos. version with 20 contacts

PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Double-level type with high packing and connection density
- Offset levels for optimum access to the terminal points

Key commercial data

package_quantity	50
GTIN	4017918023485

Technical data

Dimensions

Length	16.3 mm
Height	16.2 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

Range of articles	MKKDS 1
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1 mm²
Maximum load current	10 A
Insulating material	PA

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Technical data

General

Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	3
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.2 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	16

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

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classifications

ETIM

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 / CCA / IECEE CB Scheme / GOST / cULus Recognized /

Approval details

CSA

Usegroups	**B**	**D**
Nominal voltage UN	150 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	28-16	28-16

UL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	30-16	30-16

SEV

Nominal voltage UN	125 V
Nominal current IN	
mm²/AWG/kcmil	1.5

cUL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V

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approvals

Usegroups	B	D
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	30-16	30-16

GOST

CCA

IECEE CB Scheme

cULus Recognized

accessories

Screwdriver tools

SZS 0,4X2,5 VDE - 1205037



Labeled terminal marker

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



Terminal marking

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accessories

SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker pen

B-STIFT - 1051993



accessories

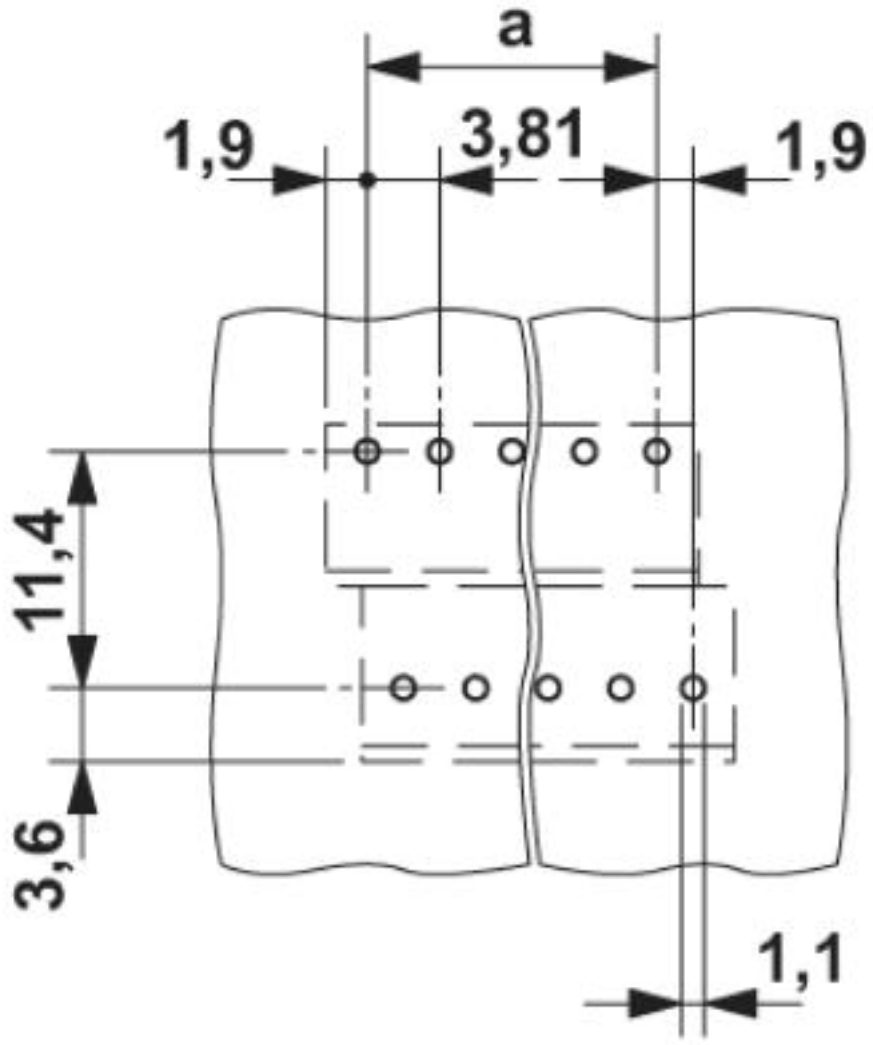
SK 3,81/2,8:SO - 0805056



Drawings

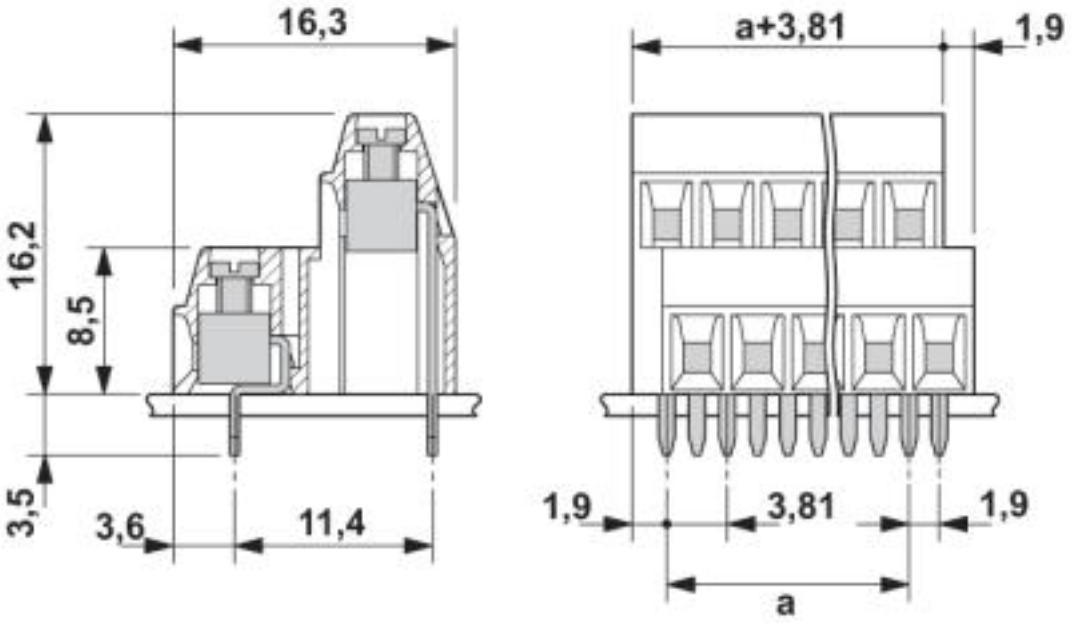
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Drilling diagram



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Dimensioned drawing



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