PCB terminal block - MKDS 1/ 8-3,81 - 1727078

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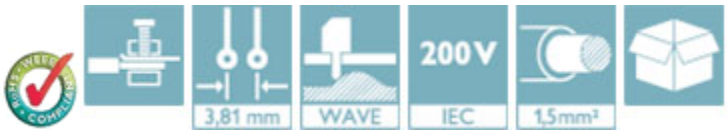
The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 8, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Single-row type with horizontal connection direction



Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 025540
Weight per Piece (excluding packing)	4.27 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.3 mm
Pitch	3.81 mm
Dimension a	26.67 mm
Width	30.47 mm
Constructional height	8.5 mm
Height	12 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm

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Technical data

Dimensions

Hole diameter	1.1 mm

General

Range of articles	MKDS 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	13.5 A
Nominal cross section	1.5 mm²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	5 mm
Number of positions	8
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 flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG 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.	0.34 mm²

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Technical data

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

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
eCl@ss 9.0	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 / SEV / CCA / IECEE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

PCB terminal block - MKDS 1/ 8-3,81 - 1727078

Approvals

Approvals submitted

Approval details

CSA

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

SEV

mm²/AWG/kcmil	1.5
Nominal current IN	12 A
Nominal voltage UN	125 V

CCA

IECEE CB Scheme

EAC

EAC

cULus Recognized

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

Drawings

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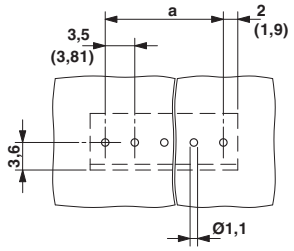
Drilling diagram



Dimensional drawing