

PCB terminal block - MKDS 1/12-3,5 - 1751345

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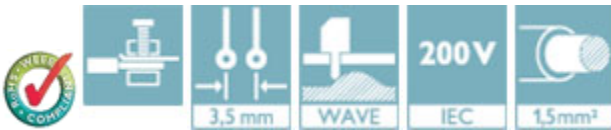
PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 12, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green



The figure shows a 10-position version of the product

Product Features

- Single-row type with horizontal connection direction



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 103903
Weight per Piece (excluding packing)	6.2 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.3 mm
Pitch	3.50 mm
Dimension a	38.5 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

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Technical data

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 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	5 mm
Number of positions	12
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 flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG 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.	0.34 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
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Technical data

Standards and Regulations

	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

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CSA / SEV / CCA / IECCEB Scheme / SEV / EAC / EAC / cULus Recognized / cULus Recognized

Ex Approvals

PCB terminal block - MKDS 1/12-3,5 - 1751345

Approvals

Approvals submitted

Approval details

CSA 		
	B	D
mm ² /AWG/kcmil	28-16	28-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	150 V	300 V

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

CCA

IECEE CB Scheme 

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

EAC

EAC

cULus Recognized		
	B	D
mm ² /AWG/kcmil	30-16	30-16

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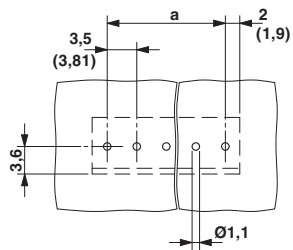
Approvals

	B	D
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V



Drawings

Drilling diagram



Dimensional drawing

