

## PCB terminal block - MKKDS 1/ 4-3,5 BK - 1800040

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PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 4, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: black



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.11 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	16.3 mm
Pitch	3.50 mm
Dimension a	10.5 mm
Constructional height	17 mm
Height	16.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

#### General

Range of articles	MKKDS 1
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

## PCB terminal block - MKKDS 1/ 4-3,5 BK - 1800040

### Technical data

#### General

Nominal current I <sub>N</sub>	8 A
Nominal cross section	1 mm <sup>2</sup>
Solder pin surface	Sn
Stripping length	5 mm
Number of positions	4
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

#### Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.2 mm <sup>2</sup>

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

### 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

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## Classifications

### 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 / IEC/CE CB Scheme / SEV / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA		
	B	D
mm <sup>2</sup> /AWG/kcmil	28-16	28-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	150 V	300 V

SEV	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	125 V

CCA
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### Approvals

IECEE CB Scheme 
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SEV	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal voltage UN	125 V

EAC
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EAC
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cULus Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-16	30-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

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