

PCB terminal block - KDS10/SO- 7 NZ - 1990591

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 320 V, Pitch: 10 mm, Number of positions: 7, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0°

Key commercial data

package_quantity	10
GTIN	4017918953454

Technical data

Dimensions

Length	36.8 mm
Pitch	10 mm
Dimension a	60 mm
Pin dimensions	1 x 0.9 mm
Hole diameter	1.4 mm

General

Range of articles	KDS10
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)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	76 A
Nominal cross section	10 mm ²
Solder pin surface	Sn
Internal cylindrical gage	B 6
Stripping length	12 mm
Number of positions	7
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

Connection data

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Technical data

Connection data

Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 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.	6 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	6

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

CSA / UL Recognized / SEV / cUL Recognized / GL / CCA / cULus Recognized /

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approvals

Approval details

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	65 A	65 A
mm²/AWG/kcmil	18-6	18-6

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	250 V	300 V	600 V
Nominal current IN	65 A	65 A	5 A
mm²/AWG/kcmil	24-6	24-6	24-6

SEV	
Nominal voltage UN	400 V
Nominal current IN	
mm²/AWG/kcmil	16

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	250 V	300 V	600 V
Nominal current IN	65 A	65 A	5 A
mm²/AWG/kcmil	24-6	24-6	24-6

GL

CCA	
Nominal voltage UN	400 V
Nominal current IN	
mm²/AWG/kcmil	16

cULus Recognized 	
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