PCB terminal block - MKDS 5/ 3-6,35 BD:4,5,3 - 1735082

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 6.35 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	19.05 mm
Height	21.5 mm
Pitch	6.35 mm
Dimension a	12.7 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 5
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm²
Solder pin surface	Sn
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	3
Screw thread	M3

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Technical data

General

Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

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

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Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA

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

UL Recognized

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

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Approvals

SEV	
mm²/AWG/kcmil	4
Nominal voltage UN	450 V

cUL Recognized

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

GOST

GL

RS

CCA	
mm²/AWG/kcmil	6
Nominal voltage UN	500 V

GOST

cULus Recognized

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