

PCB terminal block - MKDS 5/10-6,35 - 1713888

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 6.35 mm, Number of positions: 10, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The illustration shows the 5-pos. version

Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 228538
Weight per Piece (excluding packing)	26.42 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	19.05 mm
Pitch	6.35 mm
Dimension a	57.15 mm
Width	63.5 mm
Constructional height	21.5 mm
Height	26.6 mm
Length of the solder pin	5.1 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 5
Insulating material group	I
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

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Technical data

General

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 mm ²
Maximum load current	32 A
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 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.	2.5 mm ²

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

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Classifications

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

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
mm²/AWG/kcmil	28-10	28-10
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	D
mm²/AWG/kcmil	30-10	30-10
Nominal current I _N	30 A	10 A
Nominal voltage U _N	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

GL

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

EAC

cULus Recognized 
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Accessories

Accessories

Labeled terminal marker

Marker card - SK 6,2/3,8:FORTL.ZAHLEN - 0804374



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 6.2 mm, Lettering field: 6.2 x 3.8 mm

Screwdriver tools

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Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Marker card - SK 6,2/3,8:UNBEDRUCKT - 0805425



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 6.2 mm, Lettering field: 6.2 x 3.8 mm