

PCB terminal block - MKDSV 5 HV/ 2-9,52-Z - 1907416

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 1000 V, Pitch: 9.52 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions! If used purely as 2-pos., we recommend version MKDSV 5 HV with anti-rotation pins.



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	6.84 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	19.04 mm
Height	21.5 mm
Width	16 mm
Pitch	9.52 mm
Dimension a	9.52 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDSV 5 HV
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 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

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Technical data

General

Maximum load current	32 A (with 6 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

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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

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C
mm ² /AWG/kcmil	30-10	30-10
Nominal current I _N	30 A	30 A
Nominal voltage U _N	600 V	600 V

cUL Recognized

	B	C
mm ² /AWG/kcmil	30-10	30-10
Nominal current I _N	30 A	30 A
Nominal voltage U _N	600 V	600 V

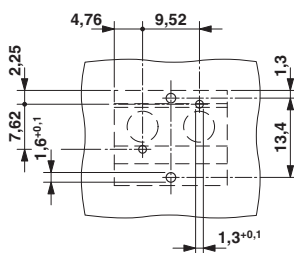
GOST

GOST

cULus Recognized

Drawings

Drilling diagram



Dimensioned drawing

