PCB terminal block - MKDS 5 HV/ 7-ZB-6,35 - 1724611

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The illustration shows the 5-position version of the product

PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 6.35 mm, Number of positions: 7, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	23.91 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	15.85 mm
Height	32 mm
Pitch	6.35 mm
Dimension a	38.1 mm
Pin dimensions	0,9 x 0,9
Pin spacing	9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 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)	8 kV
Rated voltage (III/3)	800 V

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Technical data

General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A (with 6 mm² conductor cross section)
Nominal cross section	4 mm²
Maximum load current	41 A (with 6 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	8 mm
Number of positions	7
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
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	24

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Technical data

Connection data

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

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 / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

cUL Recognized

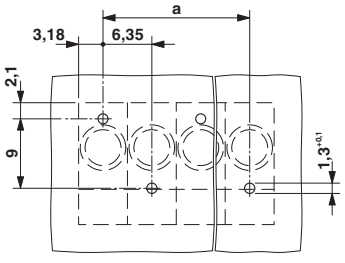
	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

GOST

cULus Recognized

Drawings

Drilling diagram



Dimensioned drawing