PCB terminal block - MK3DS 1/ 9-3,81 - 1727803

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The figure shows a 10-pos. version with 30 contacts

PCB terminal block, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 9, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Three-level type with high packing and connection density
- Offset levels for optimum access to the terminal points

Key commercial data

Packing unit	1 pc
GTIN	4 017918 116439
Weight per Piece (excluding packing)	20.61 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	25 mm
Pitch	3.81 mm
Dimension a	30.48 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

Range of articles	MK3DS 1
Insulating material group	I

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Technical data

General

Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1 mm²
Maximum load current	10 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	9
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.2 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	16

PCB terminal block - MK3DS 1/ 9-3,81 - 1727803

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

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IECEE CB Scheme / GOST / SEV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

PCB terminal block - MK3DS 1/ 9-3,81 - 1727803

Approvals

CSA

	B	D
mm²/AWG/kcmil	28-16	28-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	30-16	30-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

SEV

mm²/AWG/kcmil	1.5
Nominal current IN	8 A
Nominal voltage UN	125 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-16	30-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

GOST

CCA

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Approvals

IECEE CB Scheme

GOST

SEV	
mm²/AWG/kcmil	1.5
Nominal voltage UN	125 V

cULus Recognized

Accessories

Accessories

Labeled terminal marker

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Screwdriver tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037

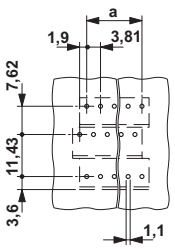


Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

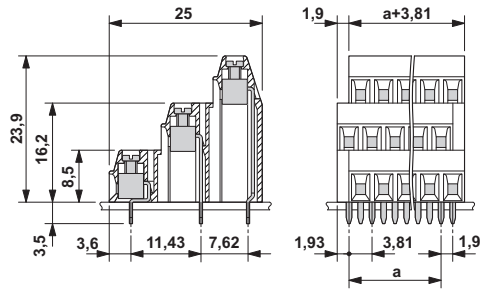
Drawings

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Drilling diagram



Dimensioned drawing



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