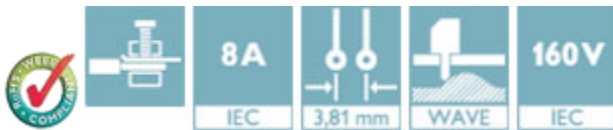


PCB terminal block - MK3DS 1/ 8-3,81 BK - 1738610

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PCB terminal block, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: black



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	17.61 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	25 mm
Pitch	3.81 mm
Dimension a	26.67 mm
Constructional height	24 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

Range of articles	MK3DS 1
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

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Technical data

General

Nominal cross section	1 mm ²
Solder pin surface	Sn
Stripping length	5 mm
Number of positions	8
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.2 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

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
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
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Classifications

UNSPSC

UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

CSA / SEV / CCA / IEC CB Scheme / SEV / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA		
	B	D
mm ² /AWG/kcmil	28-16	28-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	150 V	300 V

SEV	
mm ² /AWG/kcmil	1.5
Nominal current I _N	8 A
Nominal voltage U _N	125 V

CCA

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Approvals

IECEE CB Scheme 

SEV	
mm ² /AWG/kcmil	1.5
Nominal current I _N	8 A
Nominal voltage U _N	125 V

EAC

EAC

cULus Recognized		
	B	D
mm ² /AWG/kcmil	30-16	30-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V