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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0° , Color: green

The illustration shows a combination as a 12-position version













Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	4 017918 116248
Weight per Piece (excluding packing)	6.62 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	11.62 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Constructional height	18 mm
Length of the solder pin	3.7 mm
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm

General

Range of articles	MKDS 2,5	



Technical data

General

Rated surge voltage (III/2) Rated surge voltage (III/2) Rated voltage (III/3) Rated voltage (III/2) Rated volt			
Rated surge voltage (III/2) 4 kV Rated surge voltage (III/2) 4 kV Rated voltage (III/2) 250 V Rated voltage (III/2) 400 V Rated voltage (III/2) 630 V Connection in acc. with standard EN-VDE Nominal current I _N 24 A Nominal cross section 2.5 mm² Maximum load current 24 A (with a 2.5 mm² conductor cross section) Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 V0 Internal cylindrical gage A3 Stripping length 8 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Insulating material group	1	
Rated surge voltage (III/2) Rated voltage (I	Rated surge voltage (III/3)	4 kV	
Rated voltage (III/2) Rated voltage (II/2) Rated voltage (II/2) Rated voltage (II/2) Rat	Rated surge voltage (III/2)	4 kV	
Rated voltage (III/2) Rated voltage (III/2) Connection in acc. with standard EN-VDE Nominal current I _N 24 A Nominal cross section 2.5 mm² Maximum load current Insulating material Solder pin surface Flammability rating according to UL 94 Internal cylindrical gage A3 Stripping length Number of positions Screw thread Tightening torque, min 400 V 630 V 630 V 630 V 640 V 640 V 640 A 640 A	Rated surge voltage (II/2)	4 kV	
Rated voltage (II/2) Connection in acc. with standard EN-VDE Nominal current I _N 24 A Nominal cross section 2.5 mm² Maximum load current Braid a 2.5 mm² conductor cross section) Insulating material Solder pin surface Flammability rating according to UL 94 Internal cylindrical gage A3 Stripping length Number of positions Screw thread M3 Tightening torque, min EN-VDE 24 A 80 V 24 A 80 V 24 A 80 V 25 mm² conductor cross section) PA Son Sn Sn W0 M3 M3 Tightening torque, min 630 V EN-VDE A4 A M3 Tightening torque, min	Rated voltage (III/3)	250 V	
Connection in acc. with standard EN-VDE Nominal current I _N 24 A Nominal cross section 2.5 mm² Maximum load current Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 Internal cylindrical gage A3 Stripping length Number of positions Screw thread Tightening torque, min EN-VDE EN-VDE EN-VDE EN-VDE 24 A (with a 2.5 mm² conductor cross section) PA 50 N 40 8 mm 8 mm 9 N 9 N 9 N 9 N 9 N 9 N 9 N	Rated voltage (III/2)	400 V	
Nominal current I _N Nominal cross section 2.5 mm² Maximum load current 24 A (with a 2.5 mm² conductor cross section) Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 V0 Internal cylindrical gage A3 Stripping length Number of positions Screw thread Tightening torque, min 24 A M3 25 mm² A4 With a 2.5 mm² conductor cross section) PA Son AB Sn W0 M3 Son M3 Son D.5 Nm	Rated voltage (II/2)	630 V	
Nominal cross section Maximum load current Linusulating material Solder pin surface Flammability rating according to UL 94 Internal cylindrical gage A3 Stripping length Number of positions Screw thread Tightening torque, min 2.5 mm² 24 A (with a 2.5 mm² conductor cross section) PA Son Yo U Maximum load current 24 A (with a 2.5 mm² conductor cross section) PA Sn Sn Sn Sn W M3 Stripping length 8 mm M3 Screw thread M3 C.5 Nm	Connection in acc. with standard	EN-VDE	
Maximum load current Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 Vo Internal cylindrical gage A3 Stripping length Number of positions Screw thread M3 Tightening torque, min 24 A (with a 2.5 mm² conductor cross section) PA 34 Sn Sn Sn W0 M3 0.5 Nm	Nominal current I _N	24 A	
Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 V0 Internal cylindrical gage A3 Stripping length 8 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Nominal cross section	2.5 mm²	
Solder pin surface Flammability rating according to UL 94 V0 Internal cylindrical gage A3 Stripping length Number of positions Screw thread M3 Tightening torque, min Sn Sn V0 M3 V0 M3 M3 Control of Desired of Desir	Maximum load current	24 A (with a 2.5 mm² conductor cross section)	
Flammability rating according to UL 94 Internal cylindrical gage A3 Stripping length Number of positions Screw thread Tightening torque, min V0 A3 SUBJECTIVE TO	Insulating material	PA	
Internal cylindrical gage A3 Stripping length 8 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Solder pin surface	Sn	
Stripping length 8 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Flammability rating according to UL 94	V0	
Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Internal cylindrical gage	A3	
Screw thread M3 Tightening torque, min 0.5 Nm	Stripping length	8 mm	
Tightening torque, min 0.5 Nm	Number of positions	3	
	Screw thread	M3	
Tightening torque max 0.6 Nm	Tightening torque, min	0.5 Nm	

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²



Technical data

Connection data

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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

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

Approvals

Approvals

EAC



PCB terminal block - MKDS 2,5/ 3-5,08 - 1730405

Approvals Approvals CSA / SEV / CCA / EAC / EAC / cULus Recognized / cULus Recognized Ex Approvals Approvals submitted Approval details CSA 1 mm²/AWG/kcmil 28-12 Nominal current IN 10 A Nominal voltage UN 300 V SEV mm²/AWG/kcmil 2.5 400 V Nominal voltage UN CCA mm²/AWG/kcmil 2.5 Nominal voltage UN 400 V EAC

cULus Recognized		
	В	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	10 A	10 A

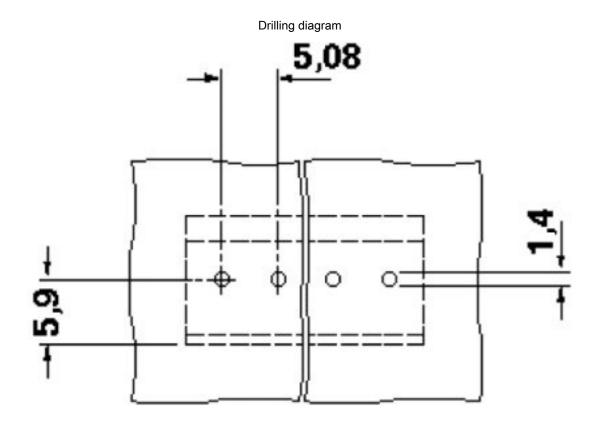


Approvals

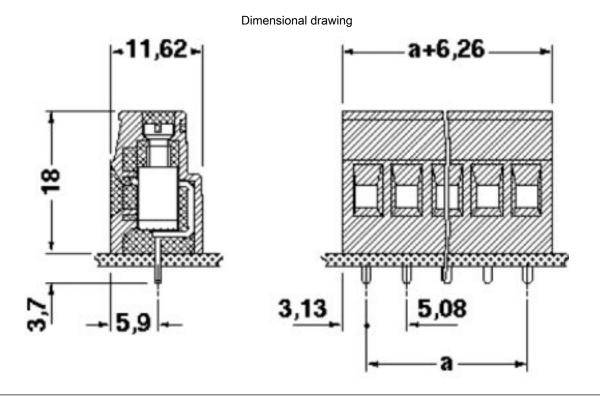
	В	D
Nominal voltage UN	300 V	300 V

cULus Recognized C S Us	

Drawings







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