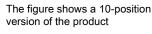


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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!



















Key Commercial Data

Packing unit	1 pc	
GTIN	4 017918 024154	
Weight per Piece (excluding packing)	4.39 g	
Custom tariff number	85369010	
Country of origin	Germany	

Technical data

Dimensions

Length	9.8 mm
Pitch	5.00 mm
Dimension a	10 mm
Constructional height	14 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm
Pin spacing	5 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 1,5



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) 400 V Rated voltage (III/2) 630 V Connection in acc. with standard EN-VDE Nominal current I _N 17.5 A Nominal cross section 1.5 mm² Maximum load current 22 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 A1 Stripping length 7 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 Nominal cross section 1.5 mm² Maximum load current Insulating material Solder pin surface Flammability rating according to UL 94 Internal cylindrical gage A1 Stripping length Number of positions Screw thread Tightening torque, min 400 V 630 V 640 V 650 V	Rated surge voltage (II/2)	4 kV	
Rated voltage (II/2) Connection in acc. with standard EN-VDE Nominal current I _N Nominal cross section 1.5 mm² Maximum load current 1.5 mm² conductor cross section Insulating material Solder pin surface Son Flammability rating according to UL 94 Internal cylindrical gage A1 Stripping length Number of positions Screw thread Tightening torque, min Maximum load current 1.5 mm² 1.7 mm Number of positions 3 Screw thread M3 1.5 mm² 1.5 m	Rated voltage (III/3)	250 V	
Connection in acc. with standard EN-VDE Nominal current I _N 17.5 A Nominal cross section 1.5 mm² Maximum load current Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 Internal cylindrical gage A1 Stripping length Number of positions Screw thread Tightening torque, min Tightening torque, min	Rated voltage (III/2)	400 V	
Nominal current I _N Nominal cross section 1.5 mm² Maximum load current 22 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 A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min 17.5 A 17.5 Mm² 17.5 A 17.5 Mm² 17.5 A 17.5 Mm² 17.5 Mm² 17.5 Mm² 17.5 A 17.5 Mm²	Rated voltage (II/2)	630 V	
Nominal cross section 1.5 mm² Maximum load current 22 A (with a 2.5 mm² conductor cross section) Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 Internal cylindrical gage A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min 1.5 mm² Au (with a 2.5 mm² conductor cross section) PA A A To mm² To mm² A To mm A To Ma D.5 Nm	Connection in acc. with standard	EN-VDE	
Maximum load current 122 A (with a 2.5 mm² conductor cross section) 11 Insulating material 12 PA 13 Solder pin surface 14 Surface 15 Surface 16 Surface 17 Insulating according to UL 94 18 Stripping length 18 Tumber of positions 18 Screw thread 19 Surface 10 Surface 10 Surface 10 Surface 11 Surface 12 A (with a 2.5 mm² conductor cross section) 18 Surface 18	Nominal current I _N	17.5 A	
Insulating material PA Solder pin surface Sn Flammability rating according to UL 94 V0 Internal cylindrical gage A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Nominal cross section	1.5 mm²	
Solder pin surface Flammability rating according to UL 94 V0 Internal cylindrical gage A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min Sn Sn V0 M1 V0 M1 M1 M1 M1 M1 M1 M3 M3 M3 M3	Maximum load current	22 A (with a 2.5 mm² conductor cross section)	
Flammability rating according to UL 94 Internal cylindrical gage A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min V0 M1 M1 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3	Insulating material	PA	
Internal cylindrical gage A1 Stripping length 7 mm Number of positions 3 Screw thread M3 Tightening torque, min 0.5 Nm	Solder pin surface	Sn	
Stripping length 7 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	A1	
Screw thread M3 Tightening torque, min 0.5 Nm	Stripping length	7 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	
	Tightening torque max	0.6 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.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 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.	1 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.	0.5 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.	1 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



Approvals

Nominal current IN

- In last a state of				
Approvals				
CSA / UL Recognized / SEV / cUL R	Recognized / GL / CCA / EAC /	/ cULus Recognized		
Ex Approvals				
Approvals submitted				
Approval details				
CSA ®				
	В	В		
mm²/AWG/kcmil	28-14		28-14	
Nominal current IN	10 A		10 A	
Nominal voltage UN	300 V	300 ∨		
UL Recognized \$\) mm²/AWG/kcmil	B 30-14		D 30-14	
Nominal current IN	15 A	15 A		
Nominal voltage UN	300 V		300 V	
SEV				
mm²/AWG/kcmil		2.5		
Nominal voltage UN 250 V				
cUL Recognized				
	В	В		
mm²/AWG/kcmil	30-14			

15 A

10 A



Approvals

	В	D
Nominal voltage UN	300 V	300 V

GL

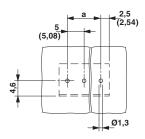
CCA	
mm²/AWG/kcmil	2.5
Nominal voltage UN	250 V

EAC

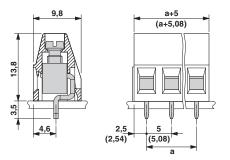
cULus Recognized • Sus

Drawings

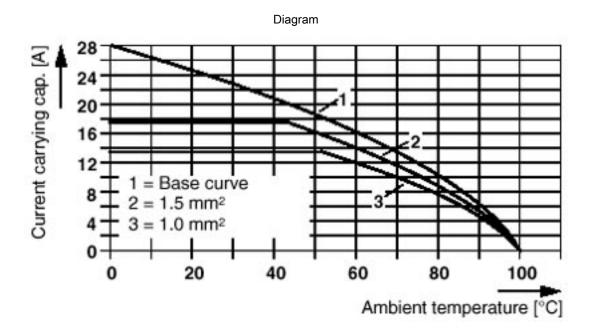
Drilling diagram



Dimensional drawing







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