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The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

#### **Product Features**

- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors



## **Key Commercial Data**

Packing unit	1 pc
GTIN	4 017918 106386
Weight per Piece (excluding packing)	0.64 g
Custom tariff number	85369010
Country of origin	Germany

#### Technical data

#### **Dimensions**

Length	6.2 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm



## Technical data

### General

Range of articles	MPT 0,5
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	1.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6 A
Nominal cross section	0.5 mm²
Maximum load current	6 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	4.5 mm
Number of positions	2
Screw thread	M1,6
Tightening torque, min	0.12 Nm
Tightening torque max	0.15 Nm

### Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.34 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.34 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.34 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.34 mm <sup>2</sup>

## Standards and Regulations



## Technical data

### 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

### **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 / cUL Recognized / EAC / cULus Recognized

Ex Approvals



## Approvals

Approvals submitted

### Approval details

CSA (I)	
	В
mm²/AWG/kcmil	28-20
Nominal current IN	6 A
Nominal voltage UN	125 V

UL Recognized <b>3</b>	
	В
mm²/AWG/kcmil	30-20
Nominal current IN	6 A
Nominal voltage UN	125 V

cUL Recognized ••••	
	В
mm²/AWG/kcmil	30-20
Nominal current IN	6 A
Nominal voltage UN	125 V

EAC

cULus Recognized (\$\square\squ

## Drawings

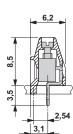


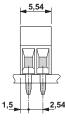
Drilling diagram

The 2 and 3-pos. versions have an additional locating pin (1.5

mm long) to support the mechanical load.

Dimensional drawing





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