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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, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

#### Why buy this product

☑ Single-row type with horizontal connection direction

✓ MICRO PCB terminal block with 2.54 mm IC pitch

☑ Use in miniature modules with high contact density



### Key commercial data

Packing unit	250 pc
GTIN	4 017918 106386
Weight per Piece (excluding packing)	0.6 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
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

#### 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



# Technical data

### General

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 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class 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 stranded min.	0.14 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.34 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.34 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.34 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.34 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	20

# Classifications

# eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190



# Classifications

### eCl@ss

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 / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

CSA (1)	
	В
mm²/AWG/kcmil	28-20
Nominal current IN	6 A
Nominal voltage UN	125 V



# Approvals

UL Recognized <b>\$1</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

GOST 🕑			

GOST 🕑			

#### Accessories

Accessories

Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

Screwdriver tools



### Accessories

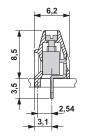
Screwdriver - SZS 0,4X2,0 - 1205202

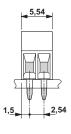


Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

# **Drawings**

#### Dimensioned drawing





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