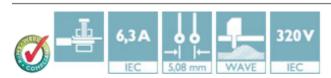


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PCB terminal block, Nominal current: 6.3 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions! The current is determined by the fuse used.

#### **Product Features**

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Quick and convenient testing using integrated test option
- Two solder pins reduce the mechanical strain on the soldering spots
- The latch on the side enables various numbers of positions to be combined



### Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 040734
Weight per Piece (excluding packing)	12.16 g
Custom tariff number	85369010
Country of origin	Poland

## Technical data

#### Dimensions

Length	27 mm
Pitch	5.08 mm
Constructional height	37 mm
Length of the solder pin	3.5 mm
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm
General	

Range of articles	KDS 3-SI

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## Technical data

General

Insulating material group	1
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6.3 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	6.3 A (with 4 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
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 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.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²



## 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 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	V2

## 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

Approvals

CSA / UL Recognized / RS / EAC

#### Ex Approvals

Approvals submitted

### Approval details

CSA 🛈	
mm²/AWG/kcmil	24-12
Nominal current IN	10 A
Nominal voltage UN	300 V

	В	D
mm²/AWG/kcmil	28-12	28-12
Nominal current IN	15 A	10 A
Nominal voltage UN	250 V	300 V

RS			
EAC			

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