

## Overview

### Product information



## DG271V-7.5-DA-10060002047

PCB spring terminal blocks, Rated current: 41A. Rated voltage  
(III/2) : 1000V, pitch: 7.5mm, Color: green, Contact surface : Tin

### Product advantages

- ☒ PUSH-IN connection technology, fast wiring
- ☒ Different poles can be combined through the side lock
- ☒ Universal installation method, suitable for various situations

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~6mm<sup>2</sup>

Conductor cross section flexible

0.2~6.0mm<sup>2</sup>

AWG

24~8AWG

Strip length

14mm

### Electrical parameters UL

Rated voltage (B)

600V

Rated voltage (C)

600V

Rated voltage (D)	600V
Rated current (B)	40A
Rated current (D)	5A
Rated current (C)	40A

#### Electrical parameters IEC

Rated voltage	1000V
Rated voltage(III/3)	630V
Rated current	41A
Rated voltage(III/2)	1000V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	8KV
Rated surge voltage(III/2)	8KV
Rated surge voltage(II/2)	8KV

#### Item properties

Connection direction	90°
Type of installation	PCB welding
Pin arrangement	Double-row of misalignment
Connection method	Push-in spring connection
Pitch	7.5mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

#### Material data

Environmental items	Compliant with REACH/RoHS
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Contact material	copper
Contact point metal surface	tin-plated
Insulation Materials	PA66
Insulating material group	I
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	IEC60947/UL 1059
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#### Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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#### Accessories

##### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

##### Tool

Operating tool	/
Screwdriver	/

#### Business data

Order number	10060002047
Packing unit	500
Minimum order quantity	30
Products weight (without packaging)	8

