

## Overview

### Product information



**DG209-5.0-10060008771**

PCB Terminal Blocks, Rated current: 24A, Rated voltage (III/2) : 400V, Cross section: 2.5mm<sup>2</sup>, Connection method : Push-in spring connection, Pitch:5.00mm, Color: green, Contact surface :Tin

### Product advantages

- ☒ Modular splicing structure design, which can be combined into electrical connections between different poles and colors.
- ☒ Push-in spring connection, fast wiring without tools, to reduce the wiring time and cost.
- ☒ High density wiring with 45 degree, double entries per pole for power supply and potential distribution.
- ☒ Printing area both on top and side ,to prevent wiring mistake.

### Product certification



## Technical data

### Product drawing

### 3D model

### Packaging information

Type of packaging

box-packed

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~2.5mm<sup>2</sup>

Conductor cross section flexible

0.2~2.5mm<sup>2</sup>

AWG

24~14AWG

Strip length

9mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	15A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	400V
Rated voltage(III/3)	320V
Rated current	24A
Rated voltage(III/2)	400V
Rated voltage(II/2)	630V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

Item properties

Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Push-in spring connection
Pitch	5mm
Number of potentials	2
Pluggable or not	no
Number of rows	2

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper

Contact zone metal surface	tin-plated
Insulation Materials	PA66
Shell color	green
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	IEC60947/UL1059
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#### Environmental data

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

#### Tool

Screwdriver	0.6x3.5,Slotted screwdriver
Operating tool	/

#### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

### Business data

Order number	10060008771
Packing unit	1050
Minimum order quantity	
Products weight (without packaging)	3.02

