

## Overview

### Product information



## DG2216V-10.0-DB-10050000936

PCB Terminal Blocks, Rated current: 76A, Rated voltage (III/2) : 1000V, Cross section: 16mm<sup>2</sup>, Pitch: 10.0mm, Connection method: Push-in spring connection, Color: Green, Contact surface: Tin

### Product advantages

- ☑ Push-in spring connection, excellent anti-vibration performance, tool-free.
- ☑ Dual-Lever Spring patented technology, easy and comfortable operation.  
(Chinese patent for Utility Model, patent application number ZL201921625513.6)
- ☑ Levers status is optional (open/close), suitable for multi-core cable.

### Product certification



## Technical data

### Product drawing

### 3D model

### Connection capacity

Conductor cross section solid	0.2~25mm <sup>2</sup>
AWG	18~4AWG

### Processing notes

Process	Wave soldering/manual soldering
---------	---------------------------------

### Connection capacity

Conductor cross section flexible	0.2~16mm <sup>2</sup>
Strip length	18mm

### Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V
Rated voltage (D)	600V
Rated current (B)	66A
Rated current (D)	5A
Rated current (C)	66A

Electrical parameters IEC

Rated voltage	1000V
Rated voltage(III/3)	1000V
Rated current	76A
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	10mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
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/UL1059
--------------------	-----------------

#### Environmental data

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

### Accessories

#### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

#### Tool

Operating tool	/
Screwdriver	/

### Business data

Order number	10050000936
Packing unit	100
Minimum order quantity	

Products weight (without packaging)	23.75
-------------------------------------	-------