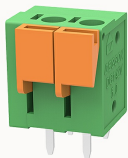


## Overview

### Product information



## DG142V-5.0-10060000483

PCB spring terminal blocks, Rated current: 15A. Rated voltage  
(III/2) : 320V, pitch: 5.0mm, 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 to ensure a high degree of flexibility in device design

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~1.5mm<sup>2</sup>

Conductor cross section flexible

0.2~1.5mm<sup>2</sup>

AWG

22~16AWG

Strip length

10mm

### Electrical parameters UL

Rated voltage (B)

300V

Rated current (B)

10A

## Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 320V |
| Rated voltage(III/3)       | 250V |
| Rated current              | 15A  |
| Rated voltage(III/2)       | 320V |
| 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

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 90°                           |
| 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       | 1                             |

## Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | Copper alloy              |
| 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℃~105℃(depending on derating curve) |

|                |   |
|----------------|---|
| Accessories    |   |
| Accessories    |   |
| Coding strip   | / |
| Bridge         | / |
| Marking strip  | / |
| Others         | / |
| Tool           |   |
| Operating tool | / |
| Screwdriver    | / |

|                                     |             |
|-------------------------------------|-------------|
| Business data                       |             |
| Order number                        | 10060000483 |
| Packing unit                        | 1350        |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 2.42        |