

## Overview

### Product information



**DG235-7.5-10060000885**

PCB spring terminal blocks, Rated current: 17.5A. Rated voltage  
(III/2) : 1000V, pitch: 7.5mm, Color: gray, 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

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

Conductor cross section flexible

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

AWG

20~18AWG

Strip length

10mm

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (C)

150V

|                   |      |
|-------------------|------|
| Rated voltage (D) | 300V |
| Rated current (B) | 5A   |
| Rated current (D) | 5A   |
| Rated current (C) | 5A   |

#### Electrical parameters IEC

|                            |       |
|----------------------------|-------|
| Rated voltage              | 1000V |
| Rated voltage(III/3)       | 400V  |
| Rated current              | 17.5A |
| 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 | 0°                            |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| 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 |
|---------------------|---------------------------|

|                             |              |
|-----------------------------|--------------|
| 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/UL 1059 |
|--------------------|------------------|

#### 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                        | 10060000885 |
| Packing unit                        | 1000        |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 1.76        |

