

## Overview

## Product information

**DG242V-5.0-10060001141**

PCB spring terminal blocks, Rated current: 17A. Rated voltage  
(III/2) : 450V, pitch: 5.0mm, Color: gray, Contact surface : Tin

## Product advantages

- ☑ Cage clamp 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

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

AWG

28~12AWG

Strip length

6mm

## Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

|                   |     |
|-------------------|-----|
| Rated current (B) | 15A |
| Rated current (D) | 10A |

#### Electrical parameters IEC

|                                     |       |
|-------------------------------------|-------|
| Rated voltage                       | 450V  |
| Rated current                       | 17A   |
| Rated voltage(III/2)                | 450V  |
| Rated power frequency voltage(1min) | 2.5KV |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 90°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | spring-cage connection        |
| Pitch                | 5mm                           |
| Number of potentials | 1                             |
| 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 | UL1059/IEC60998 |
|--------------------|-----------------|

|                    |
|--------------------|
| 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 | 10060001141 |
|--------------|-------------|

|              |      |
|--------------|------|
| Packing unit | 1625 |
|--------------|------|

|                        |    |
|------------------------|----|
| Minimum order quantity | 30 |
|------------------------|----|

|                                     |       |
|-------------------------------------|-------|
| Products weight (without packaging) | 1.412 |
|-------------------------------------|-------|