

## Overview

### Product information



## DG245H3-5.0-10060001862

PCB spring terminal blocks, Rated current: 18A. Rated voltage  
(III/2) : 450V, pitch: 5.0mm, Color: gray, Contact surface : Tin

### Product advantages

- ☒ Cage clamp connection technology, fast wiring
- ☒ Multi-layer wire connection can achieve higher contact density
- ☒ Different poles can be combined through the side lock

### Product certification



## Technical data

### Product drawing

### 3D model

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### 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)	10A
Rated current (D)	10A

#### Electrical parameters IEC

Rated voltage	450V
Rated current	18A
Rated voltage(III/2)	450V
Rated power frequency voltage(1min)	2.5KV

#### Item properties

Connection direction	45°
Type of installation	PCB welding
Pin arrangement	Three rows in a straight line
Connection method	spring-cage connection
Pitch	5mm
Number of potentials	3
Pluggable or not	no
Number of rows	3

#### 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
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Environmental data
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Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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Accessories
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Accessories
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Coding strip	/
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Bridge	/
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Marking strip	/
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Others	/
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Tool
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Operating tool	/
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Screwdriver	/
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Business data
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Order number	10060001862
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Packing unit	500
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Minimum order quantity	30
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Products weight (without packaging)	4.8
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