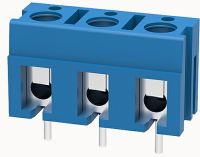


## Overview

### Product information



## DG300-7.5-10050000446

PCB terminal blocks, Rated current: 24A, Rated voltage (III/2) 450V, Cross section: 2.5mm<sup>2</sup>, pitch: 7.5mm, connector method: screw connector with wire protection, Color: blue, Contact surface : Tin

### Product advantages

- Universal installation method to ensure a high degree of flexibility in device design
- Different poles can be combined through the side lock

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid	1.0~2.5mm <sup>2</sup>
Conductor cross section flexible	1.0~2.5mm <sup>2</sup>
AWG	22~14AWG
Torque	0.5N.m
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	250V
Rated current	24A
Rated current(III/2)	250V
Rated surge voltage(III/2)	2KV

#### Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection with wire protection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	7.5mm
Number of potentials	3
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	PBT

Insulating material group	IIIa
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059/IEC60998
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Environmental data

Ambient temperature (operation)	-30°C~120°C
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Accessories

Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

Tool

Operating tool	/
Screwdriver	0.6x3.5mm, Slotted screwdriver

Business data

Order number	10050000446
Packing unit	150
Minimum order quantity	30
Products weight (without packaging)	4.257