

## Overview

## Product information

**DG635-6.35-10040000615**

PCB terminal blocks, Rated current: 32A, Rated voltage (III/2) 450V, Cross section: 1.5~4.0mm<sup>2</sup>, pitch: 6.35mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

## Product advantages

- ☑ Fixed screw connection technology, safe and reliable
- ☑ 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

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## Processing notes

Process

Wave soldering/manual soldering

## Connection capacity

Conductor cross section solid	1.5~4.0mm <sup>2</sup>
Conductor cross section flexible	1.5~4.0mm <sup>2</sup>
AWG	26~10AWG
Torque	0.5N.m
Strip length	8mm

## Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	30A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	450V
Rated current	32A
Rated voltage(III/2)	450V
Rated power frequency voltage(1min)	2.5KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	6.35mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper
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	0.6x3.5mm, Slotted screwdriver

Business data	
Order number	10040000615
Packing unit	900
Minimum order quantity	30
Products weight (without packaging)	5.09