

## Overview

#### **Product information**



# DG637-6.35-10040000772

PCB terminal blocks,Rated current: 32A,Rated voltage (III/2) 630V,Cross section:0.2-4.0mm²,pitch:6.35mm,connector method:Screw connector with tension sleeve,Color:green,Contact surface :Tin

## Product advantages

- $\ensuremath{\square}$  Fixed screw connection technology,safe and reliable
- $\ensuremath{\square}$  Different poles can be combined through the side lock
- ☑ Universal installation method to ensure a high degree of flexibility in device design

#### Product certification





_		
Lec	hnical	l data

Product drawing

3D model

## Processing notes

Process	Wave soldering/manual soldering
---------	---------------------------------

## Connection capacity

Conductor cross section solid	0.2~6mm²
Conductor cross section flexible	0.2~4.0mm²
AWG	28~10AWG
Torque	0.5N.m
Strip length	8mm

## Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V
Rated voltage (D)	600V
Rated current (B)	30A
Rated current (D)	5A
Rated current (C)	30A

# Electrical parameters IEC

Rated voltage	630V
Rated voltage(III/3)	500V
Rated current	32A
Rated voltage(III/2)	630V
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
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

faterial 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
echanical tests	
Test Specification	IEC60947/UL1059
nvironmental data	
Ambient temperature (operation)	-40℃~105℃(depending on derating curve)

ccessories	
Coding strip	1
Bridge	1
Marking strip	
Others	1
ool	
Operating tool	
Screwdriver	0.6x3.5mm, Slotted screwdriver

Business data	
Order number	10040000772
Packing unit	840

Minimum order quantity	30
Products weight (without packaging)	6.64