

## Overview

### Product information



## DG636A-6.35-10040000758

PCB terminal blocks, Rated current: 32A, Rated voltage (III/2) 630V, Cross section: 0.2-6.0mm<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

□

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~6mm<sup>2</sup>

Conductor cross section flexible

0.2~6.0mm<sup>2</sup>

AWG

30~10AWG

Torque

0.8N.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              | 630V  |
| Rated voltage(III/3)       | 500V  |
| Rated current              | 32A   |
| Rated voltage(III/2)       | 630V  |
| Rated voltage(II/2)        | 1000V |
| Rated surge voltage(III/3) | 6KV   |
| Rated surge voltage(III/2) | 6KV   |
| Rated surge voltage(II/2)  | 6KV   |

Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | Slotted screwdriver           |
| screw thread         | M3.5                          |
| Pitch                | 6.35mm                        |
| Number of potentials | 4                             |
| Pluggable or not     | no                            |
| Number of rows       | 2                             |

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 | IEC60947/UL1059 |
|--------------------|-----------------|

#### 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           | 10040000758 |
| Packing unit           | 220         |
| Minimum order quantity | 30          |

|                                     |       |
|-------------------------------------|-------|
| Products weight (without packaging) | 13.66 |
|-------------------------------------|-------|