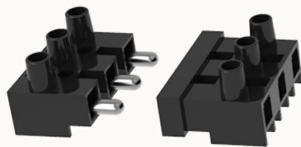


## Overview

### Product information



**DG280-10080000076**

Feed through terminal blocks, Rated current: 24A. Rated voltage  
(III/2) : 450V, pitch: 10.0mm, Color: black, Contact surface : Ni

### Product advantages

- ☒ Pluggable screw connection , reliable wiring
- ☒ Can realize horizontal wire-to-wire connection

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Connection capacity

|                                  |                        |
|----------------------------------|------------------------|
| Conductor cross section solid    | 0.5~2.5mm <sup>2</sup> |
| Conductor cross section flexible | 0.5~2.5mm <sup>2</sup> |
| AWG                              | 22~12AWG               |
| Torque                           | 0.5N.m                 |
| Strip length                     | 7mm                    |

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |
| Rated voltage (D) | 600V |

|                   |     |
|-------------------|-----|
| Rated current (B) | 20A |
| Rated current (D) | 5A  |
| Rated current (C) | 20A |

Electrical parameters IEC

|                                     |       |
|-------------------------------------|-------|
| Rated current                       | 450V  |
|                                     | 24A   |
| Rated voltage(III/2)                | 450V  |
| Rated power frequency voltage(1min) | 2.5KV |

Item properties

|                      |                     |
|----------------------|---------------------|
| Type of installation | panel               |
| Connection method    | Screw connection    |
| Screwdriver          | Slotted screwdriver |
| screw thread         | M3                  |
| Pitch                | 10mm                |
| Number of potentials | 3                   |
| Pluggable or not     | no                  |

Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | Copper alloy              |
| Contact point metal surface | Nickel plating            |
| Insulation Materials        | PA66                      |
| Flammability rating         | UL94V-2                   |

Mechanical tests

|                    |                  |
|--------------------|------------------|
| Test Specification | IEC61984/ 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    | / |

## Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10080000076 |
| Packing unit                        | 245         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 17.3        |