

## Overview

### Product information



## DGH16-10090000006

Through-wall terminal blocks, Rated current: 76A. Rated voltage  
(III/2) : 500V, Width: 12.1mm, Color: gray, Contact surface : Tin

### Product advantages

- ☑ Screw connection technology, safe and reliable
- ☑ Through-wall installation, free positioning

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Connection capacity

|                                  |                       |
|----------------------------------|-----------------------|
| Conductor cross section solid    | 0.5~16mm <sup>2</sup> |
| Conductor cross section flexible | 0.5~16mm <sup>2</sup> |
| AWG                              | 20~4AWG               |
| Torque                           | 2N.m                  |
| Strip length                     | 16mm                  |

### Electrical parameters UL

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

|                   |     |
|-------------------|-----|
| Rated current (B) | 85A |
| Rated current (D) | 5A  |
| Rated current (C) | 85A |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated current              | 500V |
|                            | 76A  |
| Rated voltage(III/2)       | 500V |
| Rated surge voltage(III/2) | 6KV  |

#### Item properties

|                      |                     |
|----------------------|---------------------|
| Type of installation | panel               |
| Connection method    | Screw connection    |
| Screwdriver          | Slotted screwdriver |
| screw thread         | M5                  |
| Pitch                | 12.1mm              |
| Number of potentials | 1                   |
| Pluggable or not     | Yes                 |
| Number of rows       | 1                   |

#### Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | copper                    |
| Contact point metal surface | tin-plated                |
| Contact zone 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

/

Business data

Order number

10090000006

Packing unit

25

Minimum order quantity

30

Products weight (without  
packaging)

36.8