

## Overview

### Product information



**2EDGKH-5.08-10010002503**

Pluggable terminal blocks, Rated current: 15A. Rated voltage  
(III/2) : 250V, pitch: 5.08mm, Color: green, Contact surface : Tin

### Product advantages

- ☑ Adapt to multi-type sockets, device design is highly flexible
- ☑ Keying parts can be installed
- ☑ Universal installation method, suitable for various situations

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Connection capacity

|                                  |                        |
|----------------------------------|------------------------|
| Conductor cross section solid    | 1.0~2.5mm <sup>2</sup> |
| Conductor cross section flexible | 1.0~2.5mm <sup>2</sup> |
| AWG                              | 28~12AWG               |
| Torque                           | 0.4N.m                 |
| Strip length                     | 7mm                    |

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 10A  |

|                   |     |
|-------------------|-----|
| Rated current (D) | 10A |
|-------------------|-----|

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 15A  |
| Rated voltage(III/2)       | 250V |
| Rated surge voltage(III/2) | 2KV  |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| Pin arrangement      | Single row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | Slotted screwdriver           |
| screw thread         | M2.5                          |
| Pitch                | 5.08mm                        |
| Number of potentials | 2                             |
| Pluggable or not     | Yes                           |
| Number of rows       | 1                             |

#### Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | Copper alloy              |
| 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              | IEC61984/ UL1059                         |
| Environmental data              |                                          |
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |

|                |                              |
|----------------|------------------------------|
| Accessories    |                              |
| Tool           |                              |
| Screwdriver    | 0.6x3.5, Slotted screwdriver |
| Operating tool | /                            |
| Accessories    |                              |
| Coding strip   | 2EDG-PWI                     |
| Bridge         | DG019-5.0                    |
| Marking strip  | /                            |
| Others         | /                            |

|                                     |             |
|-------------------------------------|-------------|
| Business data                       |             |
| Order number                        | 10010002503 |
| Packing unit                        | 100         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 5.63        |