## Overview

### Product information



# 2EDGKGB-5.08-10010010143

Pluggable terminal blocks,Rated current:12A.Rated voltage （III/2）:400V,pitch:5.08mm,Color:green,Contact surface :Tin

### Product advantages

☑ Well-known mounting principle allows worldwide use
☑ Adapt to multi-type sockets, device design is highly flexible
☑ Both sides with operating rods, easy to pull out

### Product certification

## Technical data

### Product drawing

### 3D model

### Packaging information

| | |
|---|---|
| Type of packaging | bag packaging |

### Connection capacity

| | |
|---|---|
| Conductor cross section solid | 0.2~2.5mm² |
| Conductor cross section flexible | 0.2~2.5mm² |
| feeler gauge a x b / diameter | 2.8mm x2.4mm/2.5mm |
| AWG | 28~12AWG |
| Torque | 0.5N.m |
| Strip length | 7mm |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |

| | |
|---|---|
| Rated voltage (D) | 300V |
| Rated current (B) | 15A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 400V |
| Rated voltage(III/3) | 320V |
| Rated current | 12A |
| Rated voltage(III/2) | 400V |
| Rated voltage(II/2) | 630V |
| Rated surge voltage(III/3) | 4KV |
| Rated surge voltage(III/2) | 4KV |
| Rated surge voltage(II/2) | 4KV |

Item properties

| | |
|---|---|
| Connection direction | 0° |
| Connection method | Screw connection |
| Screwdriver | Slotted screwdriver |
| screw thread | M3 |
| 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 |
| Shell color | green |
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|---|---|
| Test Specification | IEC61984/ UL1059 |

Environmental data

| | |
|---|---|
| Relative humidity (storage/transport) | 30% ~ 70% |
| Ambient temperature (assembly) | -5℃~100℃ |
| Ambient temperature (operation) | -40℃~105℃(depending on derating curve) |
| Ambient temperature (storage / transport) | -40℃~70℃ |

## 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 | 10010010143 |

| | |
|---|---|
| Packing unit | 100 |
| Minimum order quantity | |
| Products weight (without packaging) | 4.65 |