DEGSON

## Overview

### Product information



# 2EDGKHR-7.62-10010010272

Pluggable terminal blocks,Rated current:16A.Rated voltage（III/2）:1000V,pitch:7.62mm,Color:Green,Contact surface :Tin

### Product advantages

☑ Well-known mounting principle allows worldwide use
☑ It can be connected with 2EDGA-HV-7.62 and 2EDGKHV-7.62 series connectors to meet diverse connection needs
☑ Inverted connector for touch-proof device outputs or free-hanging cable/cable connections
☑ Keying parts can be installed

### Product certification

c UL us

## Technical data

### Product drawing

### 3D model

### Packaging information

| | |
|---|---|
| Type of packaging | box-packed |

### 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 x2.0mm/2.4mm |
| AWG | 30~12AWG |
| Torque | 0.6N.m |
| Strip length | 8mm |

## Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |
| Rated current (B) | 16A |
| Rated current (C) | 16A |

## Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 1000V |
| Rated voltage(III/3) | 1000V |
| Rated current | 16A |
| Rated voltage(III/2) | 1000V |
| Rated voltage(II/2) | 1000V |
| Rated surge voltage(III/3) | 8KV |
| Rated surge voltage(III/2) | 8KV |
| Rated surge voltage(II/2) | 6KV |

## Item properties

| | |
|---|---|
| Connection direction | 0° |
| Pin arrangement | Single row in a straight line |
| Connection method | Screw connection |
| Screwdriver | Slotted screwdriver |
| screw thread | M3 |
| Pitch | 7.62mm |
| 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

| | |
|---|---|
| Ambient temperature (operation) | -40℃~105℃(depending on derating curve) |

## Accessories

Tool

| | |
|---|---|
| Screwdriver | 0.6x3.5,Slotted screwdriver |
| Operating tool | / |

Accessories

| | |
|---|---|
| Coding strip | 2EDG-PWP |
| Bridge | / |
| Marking strip | / |
| Others | / |

## Business data

| | |
|---|---|
| Order number | 10010010272 |

| | |
|---|---|
| Packing unit | 400 |
| Minimum order quantity | |
| Products weight (without packaging) | 4.31 |