## Overview

### Product information



# 9EDGRS-10.16-10010009461

Pluggable terminal blocks,Rated current:78.3A.Rated voltage（III/2）:1000V,pitch:10.16mm,Color:black,Contact surface :Ag

### Product advantages

☑ Meet the requirements of UL 508/UL840 standards for 600 V products
☑ Meet the requirements of IEC 61800-5-1 for electric shock protection
☑The design of the middle flange reduces the space of at least one circuit compared to other soultions.

### Product certification

## Technical data

### Product drawing

### 3D model

### Packaging information

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

### Climatic test

| | |
|---|---|
| IP class | IP20 |

### Processing notes

| | |
|---|---|
| Process | Wave soldering/manual soldering |

### Electrical parameters UL

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

| | |
|---|---|
| Rated voltage (D) | 600V |
| Rated current (B) | 57A |
| Rated current (D) | 5A |
| Rated current (C) | 57A |

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 1000V |
| Rated voltage(III/3) | 690V |
| Rated current | 78.3A |
| 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° |
| Type of installation | PCB welding |
| Pin arrangement | Three rows in a straight line |
| Pitch | 10.16mm |
| Number of potentials | 2 |
| Pluggable or not | Yes |
| Number of rows | 1 |

Material data

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

| | |
|---|---|
| Insulation Materials | PA66 |
| Relative tracking index CTI | 600V |
| Shell color | Black |
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

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

Environmental data

| | |
|---|---|
| Ambient temperature (operation) | -40℃~130℃(depending on derating curve) |

## Accessories

Tool

| | |
|---|---|
| Screwdriver | / |
| Operating tool | / |

Accessories

| | |
|---|---|
| Coding strip | / |
| Bridge | / |
| Marking strip | / |
| Others | / |

## Business data

| | |
|---|---|
| Order number | 10010009461 |
| Packing unit | 240 |
| Minimum order quantity | |
| Products weight (without packaging) | 12 |