

## 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 solutions.

### Product certification



## Technical data

### Product drawing

### 3D model

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### 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
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#### Environmental data

Ambient temperature (operation)	-40°C~130°C(depending on derating curve)
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#### 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

