

# Eaton 248238

Catalog Number: 248238

Eaton Distribution parts. Fuse switch-disconnector, 63A, 1p+main protection

### General specifications



**Product Name**  
Eaton Distribution parts

**Catalog Number**  
248238

**EAN**  
4015082482381

**Product Length/Depth**  
88 mm

**Product Height**  
77 mm

**Product Width**  
54 mm

**Product Weight**  
0.224 kg

**Compliances**  
RoHS conform

## Product specifications

### Type

Fuse material

### Special features

Suitable for fuses, utilisation  
class gG (gL), aM

Current coding through fuse  
set

sealable

Infeed possible from both  
sides

With fuse monitoring, empty

### Amperage Rating

63 A

### Frame

Standard front dimension: 45 mm

### Frequency rating

50 Hz - 60 Hz

### Pollution degree

3

### Creepage resistance

CTI 600

### Equipment heat dissipation, current-dependent

0.5 W

### Rated operational voltage (Ue) - max

230 V

### Rated short-circuit making capacity up to 690 V, 50/60 Hz

50 kA

### Rated uninterrupted current (Iu)

63 A

### Response on-delay

100 ms

### Static heat dissipation, non-current-dependent

0 W

### Terminals

Lift terminals

### Voltage rating at AC

## Resources

### Declarations of conformity

[DA-DC-03\\_Z-S\\_SC\\_SB](#)

[DA-DC-03\\_Z-S](#)

[DA-DC-03\\_Z-SLK\\_NEOZ](#)

### Drawings

[eaton-wiring-diagram-z-slk-neoz-1p.jpg](#)

[eaton-dimensions-mas-slk.jpg](#)

[1220DRW-19](#)

[eaton-mcb-dimensions-1220dim-16.eps](#)

### mCAD model

[eaton-248238-3d-model.stp](#)

[eaton-248238-drawing.dwg](#)

50-230 V AC

Voltage rating at DC

50-110 V DC

Number of poles

Single-pole

Rated impulse withstand voltage (Uimp)

6 kV

4 kV

Degree of protection

IP20

Switching category

AC 22 B, DC 21 B

Voltage range

24 V AC - 240 V AC

Ambient operating temperature - max

60 °C

Ambient operating temperature - min

-25 °C

Current heat loss per contact at Ie

0.5 W

Enclosure width

86 mm

Heat dissipation capacity

0 W

Heat dissipation per contact with fuse link at Ie

6.6 W

Heat dissipation per pole, current-dependent

0 W

Construction size

D02

Functions

Fault: 1 LED (function display)

2 changeover relay contacts, 5A/250V

Fuse switch-disconnector Z-SL.../NEOZ/...

Mains: 1 LED (function display)

Overvoltage category

III

IV

#### Duty factor

100 %

#### Fuse cartridge

D02, D01

#### Mounting method

Quick attachment for top-hat rail IEC/EN 60715

#### Contact function

5 A / 250 V (N/O)

#### Rated operation current (I<sub>e</sub>)

63 A

#### Voltage rating

230 V AC

#### Flammability characteristics (UL)

V0, glow-wire test 960 °C (UL94)

#### Mounting width

27 mm per pole (1,5 space units) + 27 mm

#### Recovery time

100 ms

1000 ms

#### Terminal capacity (solid cable)

0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>

1.5 mm<sup>2</sup> - 35 mm<sup>2</sup>

#### Tightening torque

0.5 Nm - 0.7 Nm

#### Terminal capacity (flexible)

0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>

#### Rated operational current for specified heat dissipation (I<sub>n</sub>)

63 A

#### Operational voltage tolerance of relay

± 10%

#### Power consumption

5 VA



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