

# Eaton 170M6248

Catalog Number: 170M6248

Fuse-link, high speed, 1000 A, AC 1250 V, size 3, 76 x 92 x 139 mm, aR, DIN, IEC, single indicator

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Bussmann series high speed square body fuse	170M6248
	<b>UPC</b>
	051712793629
<b>EAN</b>	<b>Product Length/Depth</b>
5996516018583	168 mm
<b>Product Height</b>	<b>Product Width</b>
76 mm	95 mm
<b>Product Weight</b>	<b>Warranty</b>
961 g	Not Applicable
<b>Compliances</b>	<b>Certifications</b>
CE Marked	UL Recognized
RoHS Compliant	IEC Rated

## Product specifications

### Interrupt rating

100 kAIC

### Center-to-center distance of connections

108 mm

### Insulated metal gripping lugs (IMGL)

No

### Current type

AC

### Amperage Rating

1000 A

### Fuse type

DIN 43653

KN/110 Type K Indicator for Micro

### Fuse system (according to IEC 60269)

Other

### Fuse size

3

### Voltage rating

1250 V (IEC), 1300 V (UL)

### Fuse indicator

Centre fuse status indicator

### Construction size

3

### Clearing (I<sup>2</sup>T)

2150000 at 1000 V, 2750000 at 1250 V

### Rated voltage AC

1250 V

### Color

None

### Mounting dimension

M10

### Utilization category

aR (accompanied semiconductor protection)

### Watt losses

135 W

## Resources

### Specifications and datasheets

[Eaton Specification Sheet - 170M6248](#)

### Technical service bulletins

[170M6248](#)

## Type

Fuse

## Fuse shape

Square body, slotted center bolted tags

## Breaking capacity

100 kA

## Class

Class aR

## Pre arc (I2T)

450000

## Application

Semiconductor, DC Common bus, DC drives, power converters/rectifiers

## Voltage type

AC

## Packaging type

Standard



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