

# Eaton 170M3122

Catalog Number: 170M3122

Fuse-link, high speed, 550 A, AC 690 V, compact DIN 1, 45 x 59 x 104 mm, aR, DIN, IEC, single indicator

## General specifications



### Product Name

Eaton Bussmann series high speed square body fuse

### Catalog Number

170M3122

### Model Code

FUSE 550A 690V 1\*KN/80 AR UC

### UPC

051712254915

### EAN

5027590444026

### Product Length/Depth

290 mm

### Product Height

62 mm

### Product Width

142 mm

### Product Weight

310 g

### Warranty

Not Applicable

### Compliances

CE Marked

RoHS Compliant

### Certifications

UL Recognized

IEC Rated



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## defaultTaxonomyAttributeLabel

### Type

Fuse

### Application

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

### Amperage Rating

550 A

### Breaking capacity

200 kA

### Fuse indicator

Centre fuse status indicator

### Insulated metal gripping lugs (IMGL)

No

### Utilization category

aR (accompanied semiconductor protection)

### Voltage type

AC

### Fuse size

1\*

### Rated voltage AC

690 V

### Center-to-center distance of connections

76.4 mm

### Current type

AC

### Mounting dimension

M10

### Class

Class aR

### Clearing (I2T)

230000 at 660 V

### Watt losses

75 W

### Clearing loss

75

## Resources

### Catalogs

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[Bussmann series complete full line catalog no. 1007](#)

[170M3122-Eaton Bussmann series high speed square body fuse](#)

### Compliance information

[CE Fuse-links for the protection of semiconductor devices, sz1\\* up to 630A](#)

[UKCA Fuse-links for the protection of semiconductor devices, sz1\\* up to 630A](#)

### Technical data sheets

[720014 DIN 43653 690V](#)

#### Fuse shape

Square body, slotted center bolted tags

#### Pre arc (I2T)

34000

#### Color

None

#### Interrupt rating

200 kAIC

#### Connection

Blade end x blade end

#### Construction size

Other

#### Mounting method

DIN 43 620

#### Packaging type

Standard

#### Voltage rating

690 V (IEC), 700 V (UL)

#### Fuse type

DIN 43653

KN/80 Type K Indicator for Micro

Bolted tag

#### Fuse system (according to IEC 60269)

Other



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