

# Eaton 170M5990

Catalog Number: 170M5990

Fuse-link, high speed, 800 A, AC 1000 V, DIN 2, 59 x 75 x 138 mm, aR, DIN, IEC, single indicator



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Bussmann series high speed square body fuse	170M5990
	<b>Model Code</b>
	FUSE 800A 1000V 2TN/110 AR UR
<b>UPC</b>	<b>EAN</b>
051712603508	5027590461719
<b>Product Length/Depth</b>	<b>Product Height</b>
284 mm	67 mm
<b>Product Width</b>	<b>Product Weight</b>
175 mm	835 g
<b>Warranty</b>	<b>Compliances</b>
Not Applicable	CE Marked
	RoHS Compliant
<b>Certifications</b>	
IEC Rated	
UL Recognized	

## defaultTaxonomyAttributeLabel

### Type

Fuse

### Application

semiconductor protection

### Amperage Rating

800 A

### Breaking capacity

125 kA

### Fuse indicator

Top fuse status indicator

### Insulated metal gripping lugs (IMGL)

No

### Utilization category

aR (accompanied semiconductor protection)

### Voltage type

AC

### Fuse size

2

### Rated voltage AC

1000 V

### Center-to-center distance of connections

108 mm

### Current type

AC

### Mounting dimension

M10

### Class

Class aR

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

1200000 at 1000 V

### Watt losses

122 W

### Fuse shape

Square body, slotted center bolted tags

### Pre arc (I<sup>2</sup>T)

## Resources

### Catalogs

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

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

### Compliance information

UKCA HS Size 2, rated 1000 Vac

CE HS Size 2, rated 1000 Vac

195000

Color

None

Interrupt rating

125 kAIC

Construction size

2

Mounting method

DIN 43 620

Packaging type

Standard

Voltage rating

1000 V

Fuse type

Bolted tag

DIN 43653

Fuse system (according to IEC 60269)

Other



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