

# Eaton 170M8610

Catalog Number: 170M8610

Fuse-link, high speed, 1000 A, AC 1000 V, size 3, 74 x 92 x 76 mm, aR, IEC, UL, single indicator

General specifications



|                                                   |                                |
|---------------------------------------------------|--------------------------------|
| Product Name                                      | Catalog Number                 |
| Eaton Bussmann series high speed square body fuse | 170M8610                       |
|                                                   | Model Code                     |
|                                                   | FUSE 1000A 1000V 3BKN/75 AR UR |
| UPC                                               | EAN                            |
| 051712604130                                      | 5027590465625                  |
| Product Length/Depth                              | Product Height                 |
| 168 mm                                            | 76 mm                          |
| Product Width                                     | Product Weight                 |
| 95 mm                                             | 1156 g                         |
| Warranty                                          | Compliances                    |
| Not Applicable                                    | CE Marked                      |
|                                                   | RoHS Compliant                 |
| Certifications                                    |                                |
| IEC Rated                                         |                                |
| UL Recognized                                     |                                |

## Product specifications

### Type

Fuse

### Application

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

### Amperage Rating

1000 A

### Breaking capacity

100 kA

### Fuse indicator

Centre fuse status indicator

### Insulated metal gripping lugs (IMGL)

No

### Utilization category

aR (accompanied semiconductor protection)

### Voltage type

AC

### Fuse size

3

### Rated voltage AC

1000 V

### Center-to-center distance of connections

75.4 mm

### Current type

AC

### Mounting dimension

M12

### Class

Class aR

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

2050000 at 1000 V

### Watt losses

150 W

### Fuse shape

Square body, flush end contacts

## Resources

### Catalogs

[eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf](#)

### Declarations of conformity

[UKCA Fuse-links for the protection of semiconductor devices, Size 3](#)

[CE Fuse-links for the protection of semiconductor devices, Size 3](#)

### Specifications and datasheets

[Eaton Specification Sheet - 170M8610](#)

Pre arc (I2T)

340000

Color

None

Interrupt rating

100 kAIC

Fitted with:

Type K Indicator for micro

Construction size

3

Mounting method

Flush

Packaging type

Standard

Voltage rating

1000 V (IEC)

Fuse type

Flush end

BKN/Type K Indicator for Micro

Fuse system (according to IEC 60269)

IEC 60269-4 flush end connections type A



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