

Eaton 170M6594

Catalog Number: 170M6594

Fuse-link, high speed, 630 A, AC 1250 V, size 3, 76 x 92 x 76 mm, aR, IEC, UL, single indicator, US thread

General specifications



Product Name	Catalog Number
Eaton Bussmann series high speed square body fuse	170M6594
	UPC
	051712812337
EAN	Product Length/Depth
5027590463065	168 mm
Product Height	Product Width
76 mm	95 mm
Product Weight	Warranty
1158 g	Not Applicable
Compliances	Certifications
CE Marked	IEC Rated
RoHS Compliant	UL Recognized

defaultTaxonomyAttributeLabel

Type

Fuse

Application

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

Amperage Rating

630 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

1250 V

Center-to-center distance of connections

75.4 mm

Current type

AC

Mounting dimension

M10

Class

Class aR

Clearing (I²T)

495000 at 1000 V, 665000 at 1250 V

Watt losses

115 W

Fuse shape

Square body, flush end contacts

Resources

Catalogs

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

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

[170M6594-Eaton Bussmann series high speed square body fuse](#)

Compliance information

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

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

Pre arc (I2T)

83500

Color

None

Interrupt rating

100 kAIC

Fitted with:

Type K Indicator for micro

Construction size

3

Mounting method

Flush

Packaging type

Standard

Voltage rating

1250 V (IEC), 1300 V (UL)

Fuse type

Flush end

GKN/75 Type K indicator for micro

Fuse system (according to IEC 60269)

IEC 60269-4 flush end connections type A



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