

Eaton 170M4459

Catalog Number: 170M4459

Fuse-link, high speed, 250 A, AC 690 V, size 1, aR, IEC, UL, single indicator

General specifications



Product Name

Eaton Bussmann series high speed
square body fuse

Catalog Number

170M4459

Model Code

FUSE 250A 690V 1BKN/50 AR UC

UPC

051712258906

EAN

5027590453011

Product Length/Depth

107 mm

Product Height

63 mm

Product Width

53 mm

Product Weight

394 g

Warranty

Not Applicable

Compliances

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

250 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

51.1 mm

Current type

AC

Mounting dimension

M8

Class

Class aR

Clearing (I₂T)

21000 at 660 V

Watt losses

55 W

Fuse shape

Square body, flush end contacts

Resources

Catalogs

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

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

[170M4459~Eaton Bussmann series high speed square body fuse](#)

Declarations of conformity

[UKCA Fuse-links for the protection of semiconductor devices, Size 1 up to 900A](#)

[CE Fuse-links for the protection of semiconductor devices, Size 1 up to 900A](#)

Pre arc (I2T)

3100

Color

None

Interrupt rating

200 kAIC

Construction size

1

Mounting method

Flush

Packaging type

Standard

Voltage rating

690 V (IEC), 700 V (UL)

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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