

Eaton 170M6408

Catalog Number: 170M6408

Fuse-link, high speed, 500 A, AC 690 V, size 3, aR, IEC, UL, single indicator

General specifications



Product Name

Eaton Bussmann series high speed square body fuse

Catalog Number

170M6408

Model Code

FUSE 500A 690V 3BN/50 AR UC

UPC

051712264068

EAN

5027590461931

Product Length/Depth

53 mm

Product Height

76 mm

Product Width

76 mm

Product Weight

362 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

500 A

Breaking capacity

200 kA

Fuse indicator

Top fuse status indicator

Insulated metal gripping lugs (IMGL)

No

Utilization category

aR (accompanied semiconductor protection)

Voltage type

AC

Fuse size

3

Rated voltage AC

690 V

Center-to-center distance of connections

52 mm

Current type

AC

Mounting dimension

M12

Class

Class aR

Clearing (I₂T)

95000 at 660 V

Watt losses

95 W

Fuse shape

Square body, flush end contacts

Resources

Catalogs

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

[170M6408~FUSE 500A 690V 3BN/50 AR UC](#)

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

Pre arc (I2T)

14000

Color

None

Interrupt rating

200 kAIC

Construction size

3

Mounting method

Flush

Packaging type

Standard

Voltage rating

690 V (IEC), 700 V (UL)

Fuse type

Flush end

B/Visual indicator

Fuse system (according to IEC 60269)

IEC 60269-4 flush end connections type A



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