

## INDUSTRIAL COMPONENT DATA

# FUSE 500A 690V 1\*BN/50 AR UC 170M3421 EATON ELECTRIC

## Fuse-link, high speed, 500 A, AC 690 V, compact size 1,..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 500A 690V 1\*BN/50 AR UC



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | EATON - MOELLER              |
| MPN / Reference | FUSE 500A 690V 1*BN/50 AR UC |
| Catalog number  | 170M3421                     |
| Category        | HRC fuse                     |
| Minimum order   | 6 Pcs                        |
| Document ID     | EO-332E64605B                |
| Generated       | 2026-08-06                   |

### Product Overview

Fuse-link, high speed, 500 A, AC 690 V, compact size 1, 45 x 59 x 51 mm, aR, IEC, UL, single indicator

FUSE 500A 690V 1\*BN/50 AR UC

Eaton Bussmann series high speed square body fuse, 700V (UL), 690 V (IEC), 500A, 200 kAIC, Top fuse status indicator, Fuse, Class aR, Flush

Fuse, Fuse-link, high speed, 500 A, AC 690 V, compact size 1, 45 x 59 x 51 mm, aR, IEC, UL, single indicator, square body with flush end contacts, semiconductor protection, IEC 60269-4, Breaking Capacity 200 kA

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path EATON - MOELLER > Bussmann Series High speed fuses

### Additional Product Information

General specifications

Product Name Eaton Bussmann series high speed square body fuse Catalog Number 170M3421 EAN 5027590447683  
UPC 051712256063 Product Length/Depth 155 mm Product Height 45 mm Product Width 90 mm Product Weight 256 g  
Compliances CE Marked

RoHS Compliant Certifications UL Recognized

IEC Rated Electrical data

Amperage Rating 500 A Voltage rating 690 V (IEC), 700 V (UL) Voltage type AC Clearing (I2T) 180000 at 660 V Pre arc (I2T) 27000 Watt losses 70 W Breaking capacity 200 kA Class Class aR Product specification

Fuse size 1\*

ETIM for 170M3421 Circuit breakers and fuses (EC004556)

Feature Name

Feature Value

Fuse system according to IEC 60269 (EF017676)

IEC 60269-4 flush end connections type A

Fuse construction type according to IEC 60269 (EF015865)

Other

Type of current (EF000143)

AC

Rated voltage AC (EF007682)

690 V

Rated current (EF000227)

500 A

Utilization category according to IEC 60269 (EF002572)

aR (accompanied semiconductor protection)

Breaking capacity (EF005617)

200 kA

Colour code (EF000931)

None

Type of fuse status indicator (EF004473)

Top fuse status indicator

Power loss at rated current (EF012389)

70 W

Mounting holes (EF021553)

M8

Centre-to-centre distance of connections (EF021151)

50 mm

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 500A 690V 1\*BN/50 AR UC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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