

## INDUSTRIAL COMPONENT DATA

# FUSE 500A 1250V 3KN/110 AR CU 170M6242 EATON

## ELECTRIC Fuse-link, high speed, 500 A, AC 1250 V, size 3, 76 X ..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 500A 1250V 3KN/110 AR CU



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FUSE 500A 1250V 3KN/110 AR CU |
| Catalog number  | 170M6242                      |
| Category        | HRC fuse                      |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-F6ED4FB6D1                 |
| Generated       | 2026-08-06                    |

### Product Overview

Fuse-link, high speed, 500 A, AC 1250 V, size 3, 76 x 92 x 139 mm, aR, DIN, IEC, single indicator

FUSE 500A 1250V 3KN/110 AR CU

Fuse, Fuse-link, high speed, 500 A, AC 1250 V, size 3, 76 x 92 x 139 mm, aR, DIN, IEC, single indicator, square body with centre-bolted tags (slotted), indicator style K for microswitch, semiconductor protection, DIN 43653, IEC 60269-4, Breaking Capacity 100 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 170M6242 EAN 5996516018521  
UPC 051712263504 Product Length/Depth 168 mm Product Height 76 mm Product Width 95 mm Product Weight 875 g

Compliances CE Marked

RoHS Compliant Certifications IEC Rated

UL Recognized Electrical data

Amperage Rating 500 A Voltage rating 1250 V (IEC), 1300 V (UL) Voltage type AC/DC Clearing (I2T) 235000 at 1000 V, 310000 at 1250 V Pre arc (I2T) 39000 Watt losses 105 W Breaking capacity 100 kA Class Class aR Product specification  
Fuse size 3

ETIM for 170M6242 Circuit breakers and fuses (EC004556)

Feature Name

Feature Value

Fuse system according to IEC 60269 (EF017676)

Other

Fuse construction type according to IEC 60269 (EF015865)

3

Type of current (EF000143)

AC

Rated voltage AC (EF007682)

1250 V

Rated current (EF000227)

500 A

Utilization category according to IEC 60269 (EF002572)

aR (accompanied semiconductor protection)

Breaking capacity (EF005617)

100 kA

Colour code (EF000931)

None

Type of fuse status indicator (EF004473)

Centre fuse status indicator

Power loss at rated current (EF012389)

105 W

Mounting holes (EF021553)

M10

Centre-to-centre distance of connections (EF021151)

108 mm

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 500A 1250V 3KN/110 AR CU 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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