

## INDUSTRIAL COMPONENT DATA

# FUSE 550A 1250V 1/110 AR CU 170M4146 EATON ELECTRIC

## Fuse-link, high speed, 550 A, AC 1250 V, size 1, 53 x 66..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 550A 1250V 1/110 AR CU



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | EATON - MOELLER             |
| MPN / Reference | FUSE 550A 1250V 1/110 AR CU |
| Catalog number  | 170M4146                    |
| Category        | HRC fuse                    |
| Minimum order   | 3 Pcs                       |
| Document ID     | EO-D35D631DA0               |
| Generated       | 2026-08-06                  |

### Product Overview

Fuse-link, high speed, 550 A, AC 1250 V, size 1, 53 x 66 x 138 mm, aR, DIN, IEC, single indicator

FUSE 550A 1250V 1/110 AR CU

Eaton Bussmann series high speed square body fuse, 550A, 100 kAIC, Class aR, DIN 43 620, Standard, Clearing at 1000V: 465000 , Clearing at 1250V: 590000, square body with centre-bolted tags (slotted), Top fuse status indicator, 95W Fuse, Fuse-link, high speed, 550 A, AC 1250 V, size 1, 53 x 66 x 138 mm, aR, DIN, IEC, single indicator, square body with centre-bolted tags (slotted), 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 170M4146 Model Code FUSE 550A 1250V 1/110 AR CU EAN 5027590451420 UPC 051712257824 Product Length/Depth 245 mm Product Height 62 mm Product Width 142 mm Product Weight 0.214 kg Compliances CE Marked

RoHS Compliant Certifications IEC Rated

## UL Recognized Electrical data

Amperage Rating 550 A Voltage rating 1250 V (IEC), 1300 V (UL) Voltage type DC Clearing (I<sub>2</sub>T) 465000 at 1000 V, 590000 at 1250 V Pre arc (I<sub>2</sub>T) 95000 Watt losses 95 W Breaking capacity 100 kA Class Class aR Product specification Fuse size 1

ETIM for 170M4146 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)

1

Type of current (EF000143)

AC

Rated voltage AC (EF007682)

1250 V

Rated current (EF000227)

550 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)

Top fuse status indicator

Power loss at rated current (EF012389)

95 W

Mounting holes (EF021553)

M10

Centre-to-centre distance of connections (EF021151)

108 mm

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 550A 1250V 1/110 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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