

## INDUSTRIAL COMPONENT DATA

# FUSE 450A 690V 2KN/80 AR UC 170M5109 EATON ELECTRIC

## Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 77 x..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 450A 690V 2KN/80 AR UC



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | EATON - MOELLER             |
| MPN / Reference | FUSE 450A 690V 2KN/80 AR UC |
| Catalog number  | 170M5109                    |
| Category        | HRC fuse                    |
| Minimum order   | 3 Pcs                       |
| Document ID     | EO-C42EC44AA2               |
| Generated       | 2026-08-06                  |

### Product Overview

Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 77 x 108 mm, aR, DIN, IEC, single indicator

FUSE 450A 690V 2KN/80 AR UC

Fuse, Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 77 x 108 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 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 > Busmann Series High speed fuses

### Additional Product Information

## General specifications

Product Name Eaton Busmann series high speed square body fuse Catalog Number 170M5109 Model Code FUSE 450A 690V 2KN/80 AR UC EAN 5027590455626 UPC 051712260060 Product Length/Depth 286 mm Product Height 66 mm Product Width 165 mm Product Weight 594 g Compliances CE Marked

RoHS Compliant Certifications UL Recognized

## IEC Rated Electrical data

Amperage Rating 450 A Voltage rating 690 V (IEC), 700 V (UL) Voltage type AC Clearing (I2T) 105000 at 660 V Pre arc (I2T) 15500 Watt losses 70 W Breaking capacity 200 kA Class Class aR Product specification

Fuse size 2

ETIM for 170M5109 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)

2

Type of current (EF000143)

AC

Rated voltage AC (EF007682)

690 V

Rated current (EF000227)

450 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)

Centre fuse status indicator

Power loss at rated current (EF012389)

70 W

Mounting holes (EF021553)

M10

Centre-to-centre distance of connections (EF021151)

78 mm

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send EATON - MOELLER / FUSE 450A 690V 2KN/80 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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