

INDUSTRIAL COMPONENT DATA

FUSE 100A 690V 1*/80 AR UC 170M3012 EATON ELECTRIC

Fuse-link, high speed, 100 A, AC 690 V, compact DIN 1, 45..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 100A 690V 1*/80 AR UC



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 100A 690V 1*/80 AR UC
Catalog number	170M3012
Category	HRC fuse
Minimum order	6 Pcs
Document ID	EO-9B073A6720
Generated	2026-08-06

Product Overview

Fuse-link, high speed, 100 A, AC 690 V, compact DIN 1, 45 x 45 x 104 mm, aR, DIN, IEC, single indicator

FUSE 100A 690V 1*/80 AR UC

Eaton Bussmann series high speed square body fuse, 700 V (UL), 690V (IEC), 100A, 200 kAIC, Top fuse status indicator, Fuse, Blade end X blade end, Class aR, DIN 43 620

Fuse, Fuse-link, high speed, 100 A, AC 690 V, compact DIN 1, 45 x 45 x 104 mm, aR, DIN, IEC, single indicator, square body with centre-bolted tags (slotted), 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 > Bussmann Series High speed fuses

Additional Product Information

General specifications

Product Name Eaton Bussmann series high speed square body fuse Catalog Number 170M3012 Model Code FUSE 100A 690V 1*/80 AR UC EAN 5027590443579 UPC 051712254571 Product Length/Depth 305 mm Product Height 65 mm

Product Width 145 mm Product Weight 310 g Compliances CE Marked

RoHS Compliant Certifications IEC Rated

UL Recognized Electrical data

Amperage Rating 100 A Voltage rating 690 V (IEC), 700 V (UL) Voltage type AC Clearing (I2T) 2450 at 660 V Pre arc (I2T) 360 Watt losses 21 W Breaking capacity 200 kA Class Class aR Product specification

Fuse size 1*

ETIM for 170M3012 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)

Other

Type of current (EF000143)

AC

Rated voltage AC (EF007682)

690 V

Rated current (EF000227)

100 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)

21 W

Mounting holes (EF021553)

M10

Centre-to-centre distance of connections (EF021151)

76.5 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 100A 690V 1*/80 AR UC with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.