

INDUSTRIAL COMPONENT DATA

FUSE 450A 690V 2/80 AR UC 170M5009 EATON ELECTRIC
Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 61 x 1..

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



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 450A 690V 2/80 AR UC
Catalog number	170M5009
Category	HRC fuse
Minimum order	3 Pcs
Document ID	EO-0EDC68D705
Generated	2026-08-06

Product Overview

Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 61 x 108 mm, aR, DIN, IEC, single indicator, 80 mm centres
FUSE 450A 690V 2/80 AR UC

Fuse, Fuse-link, high speed, 450 A, AC 690 V, DIN 2, 61 x 61 x 108 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 RFO for technical review.

Classification & Catalog Path

Catalog path **EATON - MOELLER > Busmann Series High speed fuses**

Additional Product Information

General specifications

Product Name Eaton Bussmann series high speed square body fuse Catalog Number 170M5009 Model Code FUSE 450A
690V 2/80 AR UC EAN 5027590455350 UPC 051712259880 Product Length/Depth 286 mm Product Height 66 mm
Product Width 165 mm Product Weight 0.197 g Compliances CE Marked

RoHS Compliant Certifications IEC Rated

UL Recognized 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 170M5009 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)
Top 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 2/80 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.