

INDUSTRIAL COMPONENT DATA

FUSE 450A 690V 1GKN/50 AR UC 170M4563 EATON

ELECTRIC Fuse-link, high speed, 450 A, AC 690 V, size 1, 53 x 69..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 450A 690V 1GKN/50 AR UC



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 450A 690V 1GKN/50 AR UC
Catalog number	170M4563
Category	HRC fuse
Minimum order	3 Pcs
Document ID	EO-EDF34C23D9
Generated	2026-08-06

Product Overview

Fuse-link, high speed, 450 A, AC 690 V, size 1, 53 x 69 x 51 mm, aR, IEC, UL, single indicator

FUSE 450A 690V 1GKN/50 AR UC

Fuse, Fuse-link, high speed, 450 A, AC 690 V, size 1, 53 x 69 x 51 mm, aR, IEC, UL, single indicator, square body with flush end contacts, indicator style K for microswitch, US thread, semiconductor protection, 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 170M4563 EAN 5027590453523

UPC 051712799157 Product Length/Depth 73 mm Product Height 52 mm Product Width 170 mm Product Weight

397.3333333 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) 120000 at 660 V Pre arc

(I2T) 17000 Watt losses 70 W Breaking capacity 200 kA Class Class aR Product specification

Fuse size 1 Fitted with: Type K Indicator for micro

ETIM for 170M4563 Circuit breakers and fuses (EC004556)

Feature Name

Feature Value

Fuse system according to IEC 60269 (EF017676)

IEC 60269-4 flush end connections type A

Fuse construction type according to IEC 60269 (EF015865)

1

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)

Other

Centre-to-centre distance of connections (EF021151)

51 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 450A 690V 1GKN/50 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.