

INDUSTRIAL COMPONENT DATA

FUSE 500A 1250V 3FKE/115 AR CU 170M6742 EATON

ELECTRIC FUSE 500A 1250V 3FKE/115 AR CU

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 500A 1250V 3FKE/115 AR CU



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 500A 1250V 3FKE/115 AR CU
Catalog number	170M6742
Category	HRC fuse
Minimum order	1 Pcs
Document ID	EO-68D10FC11F
Generated	2026-08-05

Product Overview

FUSE 500A 1250V 3FKE/115 AR CU

FUSE 500A 1250V 3FKE/115 AR CU - Fuse-link, high speed, 500 A, AC 1250 V, size 3, 76 x 92 x 159 mm, aR, UL, IEC, single indicator

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 170M6742 EAN 5704057036542
UPC 051712265393 Product Length/Depth 168 mm Product Height 76 mm Product Width 95 mm Product Weight 1344 g
Compliances CE Marked

RoHS Compliant Certifications CSA Certified

IEC Rated

UL Recognized Electrical data

Amperage Rating 500 A Voltage rating 1250 V Voltage type AC Clearing (I₂T) 235000 at 1000 V, 310000 at 1250 V Pre arc
(I₂T) 39000 Watt losses 105 W Breaking capacity 100 kA Class Class aR Product specification

Fuse size 3 Fitted with: Type K Indicator for micro

ETIM for 170M6742 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)
3
Type of current (EF000143)
AC
Rated voltage AC (EF007682)
1250 V
Rated current (EF000227)
500 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)
105 W
Mounting holes (EF021553)
Other
Centre-to-centre distance of connections (EF021151)
114 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 500A 1250V 3FKE/115 AR CU 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.