

INDUSTRIAL COMPONENT DATA

FUSE 500A 1250V 1BKN/80 AR CU 170M4445 EATON

ELECTRIC Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 X ..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 500A 1250V 1BKN/80 AR CU



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 500A 1250V 1BKN/80 AR CU
Catalog number	170M4445
Category	HRC fuse
Minimum order	1 Pcs
Document ID	EO-17D0F11FAB
Generated	2026-08-06

Product Overview

Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 x 69 x 80 mm, aR, IEC, UL, single indicator

FUSE 500A 1250V 1BKN/80 AR CU

Fuse, Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 x 69 x 80 mm, aR, IEC, UL, single indicator, square body with flush end contacts, indicator style K for microswitch, semiconductor protection, IEC 60269-4, Breaking Capacity 100 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 170M4445 EAN 5996516013298
UPC 051712258869 Product Length/Depth 160 mm Product Height 51 mm Product Width 70 mm Product Weight 0.573 g
Compliances CE Marked

RoHS Compliant Certifications UL Recognized

IEC Rated Electrical data

Amperage Rating 500 A Voltage rating 1250 V (IEC), 1300 V (UL) Voltage type AC Clearing (I2T) 340000 at 1000 V,
435000 at 1250 V Pre arc (I2T) 69500 Watt losses 85 W Breaking capacity 100 kA Class Class aR Product specification

Fuse size 1

ETIM for 170M4445 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)

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)

Centre fuse status indicator

Power loss at rated current (EF012389)

85 W

Mounting holes (EF021553)

M8

Centre-to-centre distance of connections (EF021151)

81.1 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 500A 1250V 1BKN/80 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.