

INDUSTRIAL COMPONENT DATA

FUSE 500A 1250V 1/110 AR CU 170M4145 EATON ELECTRIC

Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 x 66..

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 500A 1250V 1/110 AR CU



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 500A 1250V 1/110 AR CU
Catalog number	170M4145
Category	HRC fuse
Minimum order	3 Pcs
Document ID	EO-1A02945847
Generated	2026-08-06

Product Overview

Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 x 66 x 138 mm, aR, DIN, IEC, single indicator

FUSE 500A 1250V 1/110 AR CU

Eaton Bussmann series high speed square body fuse, 1250V (IEC), 1300V (UL), 500A, 100 kAIC, Top fuse status indicator, Fuse, Class aR, DIN 43 620

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 170M4145 Model Code FUSE 500A 1250V 1/110 AR CU EAN 5027590451406 UPC 051712257817 Product Length/Depth 245 mm Product Height 62 mm

Product Width 142 mm Product Weight 501 g Compliances CE Marked

RoHS Compliant Certifications IEC Rated

UL Recognized Electrical data

Amperage Rating 500 A Voltage rating 1250 V (IEC), 1300 V (UL) Voltage type DC 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 170M4145 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)
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)
Top fuse status indicator
Power loss at rated current (EF012389)
85 W
Mounting holes (EF021553)
M10
Centre-to-centre distance of connections (EF021151)
108 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 500A 1250V 1/110 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.