

INDUSTRIAL COMPONENT DATA

FUSE 1000A 1250V 3GKN/90 AR 170M6648 EATON ELECTRIC FUSE 1000A 1250V 3GKN/90 AR

Brand: EATON - MOELLER | Manufacturer Part Number: FUSE 1000A 1250V 3GKN/90 AR



Manufacturer	EATON - MOELLER
MPN / Reference	FUSE 1000A 1250V 3GKN/90 AR
Catalog number	170M6648
Category	HRC fuse
Minimum order	1 Pcs
Document ID	EO-5B64E71766
Generated	2026-08-06

Product Overview

FUSE 1000A 1250V 3GKN/90 AR

Fuse-link, high speed, 1000 A, AC 1250 V, size 3, 76 x 92 x 91 mm, aR, IEC, UL, type K indicator, flush end, 13 UNC

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 170M6648 EAN 5704057035903

UPC 051712264945 Product Length/Depth 41.798 mm Product Height 53.01 mm Product Width 137.998 mm Product

Weight 746 g Compliances CE Marked

RoHS Compliant Certifications IEC Rated

UL Recognized Electrical data

Amperage Rating 1000 A Voltage rating 1250 V (IEC), 1300 V (UL) Voltage type AC/DC Clearing (I₂T) 2150000 at 1000 V, 2750000 at 1250 V Pre arc (I₂T) 450000 Watt losses 135 W Breaking capacity 100 kA Class Class aR Product specification

Fuse size 3 Fitted with: Type K Indicator for micro

ETIM for 170M6648 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)

1000 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)

135 W

Mounting holes (EF021553)

Other

Centre-to-centre distance of connections (EF021151)

91.4 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FUSE 1000A 1250V 3GKN/90 AR 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.