

Eaton 170M6166

Catalog Number: 170M6166

Eaton Bussmann series high speed square body fuse,1250A,200 kAIC,Class aR,Blade end X blade end,DIN 43 620,Standard,Clearing at 660V: 1950000,square body with centre-bolted tags (slotted),Top fuse status indicator,Current pre-arc: 290000,



General specifications

Product Name	Catalog Number
Eaton Bussmann series high speed square body fuse	170M6166
	Model Code
	FUSE 1250A 690V 3/110 AR UC
UPC	EAN
051712263122	5027590511599
Product Length/Depth	Product Height
168 mm	76 mm
Product Width	Product Weight
95 mm	900 g
Compliances	Certifications
RoHS Compliant	UL Recognized
CE Marked	IEC Rated

defaultTaxonomyAttributeLabel

Type

Fuse

Application

Semiconductor, DC Common bus, DC drives, power converters/rectifiers

Amperage Rating

1250 A

Breaking capacity

200 kA

Fuse indicator

Top fuse status indicator

Insulated metal gripping lugs (IMGL)

No

Utilization category

aR (accompanied semiconductor protection)

Voltage type

AC

Fuse size

3

Rated voltage AC

690 V

Current type

AC

Class

Class aR

Clearing (I₂T)

1950000 at 660 V

Watt losses

140 W

Clearing loss

140

Fuse shape

Square body, slotted center bolted tags

Pre arc (I₂T)

Resources

Catalogs

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[170M6166-FUSE 1250A 690V 3/110 AR UC](#)

[Bussmann series complete full line catalog no. 1007](#)

Technical data sheets

[720014 DIN 43653 690V](#)

290000

Color

None

Interrupt rating

200 kAIC

Connection

Blade end x blade end

Construction size

Other

Voltage rating

690 V (IEC), 700 V (UL)

Fuse type

DIN 43653

/110 Visual indicator



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)