

Eaton 170M4010

Catalog Number: 170M4010

Fuse-link, high speed, 315 A, AC 690 V, DIN 1, 53 x 53 x 108 mm, aR, DIN, IEC, single indicator



General specifications

Product Name	Catalog Number
Eaton Bussmann series high speed square body fuse	170M4010
	Model Code
	FUSE 315A 690V 1/80 AR UC INDICATOR
UPC	EAN
051712257428	5027590450874
Product Length/Depth	Product Height
245 mm	62 mm
Product Width	Product Weight
142 mm	455 g
Warranty	Compliances
Not Applicable	CE Marked RoHS Compliant
Certifications	
IEC Rated UL Recognized	

defaultTaxonomyAttributeLabel

Type

Fuse

Application

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

Amperage Rating

315 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

1

Rated voltage AC

690 V

Center-to-center distance of connections

78 mm

Current type

AC

Mounting dimension

M10

Class

Class aR

Clearing (I²T)

42000 at 660 V

Watt losses

58 W

Clearing loss

58

Resources

Catalogs

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

[170M4010~FUUSE 315A 690V 1/80 AR UC](#)

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

Compliance information

[CE Fuse-links for the protection of semiconductor devices, Size 1 up to 900A](#)

[UKCA Fuse-links for the protection of semiconductor devices, Size 1 up to 900A](#)

Drawings

[eaton-fuses-fuse-link-dimensions-002.eps](#)

Technical data sheets

[720014 DIN 43653 690V](#)

Fuse shape

Square body, slotted center bolted tags

Pre arc (I2T)

6200

Color

None

Interrupt rating

200 kAIC

Connection

Blade end x blade end

Construction size

1

Packaging type

Standard

Voltage rating

690 V (IEC), 700 V (UL)

Fuse type

DIN 43653

/80 Visual indicator

Fuse system (according to IEC 60269)

Other



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