

Eaton 170M6145

Catalog Number: 170M6145

Eaton Bussmann series high speed square body fuse, 700A, 100 kAIC, Class aR, DIN 43 620, Standard, Clearing at 1000V: 705000 , Clearing at 1250V: 940000, square body with centre-bolted tags (slotted), Top fuse status indicator, 120W



General specifications

Product Name	Catalog Number
Eaton Bussmann series high speed square body fuse	170M6145
	Model Code
	FUSE 700A 1250V 3/110 AR CU
UPC	EAN
051712262972	5996516017913
Product Length/Depth	Product Height
168 mm	76 mm
Product Width	Product Weight
95 mm	1319 g
Warranty	Compliances
Not Applicable	CE Marked
	RoHS Compliant
Certifications	
UL Recognized	
IEC Rated	

defaultTaxonomyAttributeLabel

Type

Fuse

Application

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

Amperage Rating

700 A

Breaking capacity

100 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

1250 V

Center-to-center distance of connections

108 mm

Current type

AC

Mounting dimension

M10

Class

Class aR

Clearing (I²T)

705000 at 1000 V, 940000 at 1250 V

Watt losses

120 W

Fuse shape

Square body, slotted center bolted tags

Resources

Catalogs

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

[170M6145-FUSE 700A 1250V 3/110 AR CU](#)

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

Compliance information

[UKCA Fuse-links for the protection of semiconductor devices, Size 3](#)

[CE Fuse-links for the protection of semiconductor devices, Size 3](#)

Pre arc (I2T)

115000

Color

None

Interrupt rating

100 kAIC

Construction size

3

Packaging type

Standard

Voltage rating

1250 V (IEC), 1300 V (UL)

Fuse type

DIN 43653

/110 Visual indicator

Bolted tag

Fuse system (according to IEC 60269)

Other



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