

Eaton 170M4245

Catalog Number: 170M4245

Fuse-link, high speed, 500 A, AC 1250 V, size 1, 53 x 69 x 138 mm, aR, DIN, IEC, single indicator



General specifications

Product Name	Catalog Number
Eaton Bussmann series high speed square body fuse	170M4245
	Model Code
	FUSE 500A 1250V 1KN/110 AR CU
UPC	EAN
051712258258	5027590452014
Product Length/Depth	Product Height
284 mm	67 mm
Product Width	Product Weight
175 mm	226 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

500 A

Breaking capacity

100 kA

Fuse indicator

Centre fuse status indicator

Insulated metal gripping lugs (IMGL)

No

Utilization category

aR (accompanied semiconductor protection)

Voltage type

DC

Fuse size

1

Rated voltage AC

1250 V

Center-to-center distance of connections

108 mm

Current type

AC

Mounting dimension

M10

Class

Class aR

Clearing (I²T)

340000 at 1000 V, 435000 at 1250 V

Watt losses

85 W

Fuse shape

Square body, slotted center bolted tags

Resources

Catalogs

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

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

Compliance information

UKCA HS Size 1, 1250 V, rated up to 550A

CE HS Size 1, 1250 V, rated up to 550A

Pre arc (I2T)

69500

Color

None

Interrupt rating

100 kAIC

Construction size

1

Packaging type

Standard

Voltage rating

1250 V (IEC), 1300 V (UL)

Fuse type

DIN 43653

KN/110 Type K Indicator for Micro

Bolted tag

Fuse system (according to IEC 60269)

Other



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