Eaton 170M3142

Catalog Number: 170M3142

Fuse-link, high speed, 125 A, AC 1250 V, compact size 1, 45 x 45 x 138 mm, aR, DIN, IEC, single indicator

General specifications

Product Name	**Catalog Number**
Eaton Bussmann series high speed square body fuse	170M3142
	Model Code
	FUSE 125A 1250V 1*/110 AR CU
UPC	**EAN**
051712254977	5027590444262
Product Length/Depth	**Product Height**
305 mm	65 mm
Product Width	**Product Weight**
145 mm	500 g
Warranty	**Compliances**
Not Applicable	CE Marked
	RoHS Compliant
Certifications	
IEC Rated	
UL Recognized	

Product specifications

Interrupt rating
100 kAIC

Center-to-center distance of connections
107 mm

Insulated metal gripping lugs (IMGL)
No

Current type
AC

Amperage Rating
125 A

Fuse type
DIN 43653
/110 Visual indicator
Bolted tag

Fuse system (according to IEC 60269)
Other

Fuse size
1*

Voltage rating
1250 V (IEC), 1300 V (UL)

Fuse indicator
Top fuse status indicator

Construction size
Other

Clearing (I2T)
9000 at 1000 V, 11500 at 1250 V

Rated voltage AC
1250 V

Color
None

Mounting dimension
M10

Utilization category
aR (accompanied semiconductor protection)

Watt losses
35 W

Resources

Catalogs
170M3142~Eaton Bussmann series high speed square body fuse

Bussmann series complete full line catalog no. 1007

Compliance information
CE Fuse-links for the protection of semiconductor devices, sz1* up to 630A

UKCA Fuse-links for the protection of semiconductor devices, sz1* up to 630A

Specifications and datasheets
Eaton Specification Sheet - 170M3142

Type

Fuse

Fuse shape

Square body, slotted center bolted tags

Breaking capacity

100 kA

Class

Class aR

Pre arc (I2T)

1450

Application

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

Voltage type

AC

Packaging type

Standard