



## Eaton 170M4510

Eaton Bussmann series Fuse-link, high speed, 315 A, AC 690 V, size 1, 53 x 69 x 51 mm, aR, IEC, UL, single indicator, flush end, 18 UNC

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|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Bussmann series high speed square body fuse |
| <b>CATALOG NUMBER</b>       | 170M4510                                          |
| <b>UPC</b>                  | 051712259125                                      |
| <b>PRODUCT LENGTH/DEPTH</b> | 51 mm                                             |
| <b>PRODUCT HEIGHT</b>       | 51 mm                                             |
| <b>PRODUCT WIDTH</b>        | 51 mm                                             |
| <b>PRODUCT WEIGHT</b>       | 118 g                                             |
| <b>COMPLIANCES</b>          | CE Marked<br>RoHS Compliant                       |
| <b>CERTIFICATIONS</b>       | UL Recognized<br>IEC Rated                        |

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|                                                 |                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------|
| <b>AMPERAGE RATING</b>                          | 315 A                                                                         |
| <b>BREAKING CAPACITY</b>                        | 200 kA                                                                        |
| <b>FUSE INDICATOR</b>                           | Top fuse status indicator                                                     |
| <b>INSULATED METAL GRIPPING LUGS (IMGL)</b>     | No                                                                            |
| <b>UTILIZATION CATEGORY</b>                     | aR (accompanied semiconductor protection)                                     |
| <b>VOLTAGE TYPE</b>                             | AC                                                                            |
| <b>FUSE SIZE</b>                                | 1                                                                             |
| <b>RATED VOLTAGE AC</b>                         | 690 V                                                                         |
| <b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b> | 51 mm                                                                         |
| <b>CURRENT TYPE</b>                             | AC                                                                            |
| <b>MOUNTING DIMENSION</b>                       | Other                                                                         |
| <b>CLASS</b>                                    | Class aR                                                                      |
| <b>CLEARING (I2T)</b>                           | 42000 at 660 V                                                                |
| <b>WATT LOSSES</b>                              | 58 W                                                                          |
| <b>PRE ARC (I2T)</b>                            | 6200                                                                          |
| <b>COLOR</b>                                    | None                                                                          |
| <b>INTERRUPT RATING</b>                         | 200 kAIC                                                                      |
| <b>CONSTRUCTION SIZE</b>                        | 1                                                                             |
| <b>MOUNTING METHOD</b>                          | Flush                                                                         |
| <b>PACKAGING TYPE</b>                           | Standard                                                                      |
| <b>VOLTAGE RATING</b>                           | 690 V (IEC), 700 V (UL)                                                       |
| <b>TYPE</b>                                     | Fuse                                                                          |
| <b>APPLICATION</b>                              | Semiconductor, DC<br>Common bus, DC drives,<br>power<br>converters/rectifiers |
| <b>FUSE TYPE</b>                                | Flush end<br>G/Visual indicator                                               |
| <b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>     | Other                                                                         |

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### DECLARATIONS OF CONFORMITY

[eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250911en.pdf](#)

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
|                 |



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