



## Eaton 170M6646

Fuse-link, high speed, 800 A, AC 1250 V, size 3, 76 x 92 x 91 mm, aR, IEC, UL, single indicator, US thread

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|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Bussmann series<br>high speed square body<br>fuse |
| <b>CATALOG NUMBER</b>           | 170M6646                                                |
| <b>UPC</b>                      | 051712264921                                            |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 90 mm                                                   |
| <b>PRODUCT HEIGHT</b>           | 74 mm                                                   |
| <b>PRODUCT WIDTH</b>            | 160 mm                                                  |
| <b>PRODUCT WEIGHT</b>           | 2.4 g                                                   |
| <b>COMPLIANCES</b>              | CE Marked<br>RoHS Compliant                             |
| <b>CERTIFICATIONS</b>           | IEC Rated<br>UL Recognized                              |

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|-------------------------------------------------|----------------------------------------------------------------------|
| <b>AMPERAGE RATING</b>                          | 800 A                                                                |
| <b>BREAKING CAPACITY</b>                        | 100 kA                                                               |
| <b>FUSE INDICATOR</b>                           | Centre fuse status indicator                                         |
| <b>INSULATED METAL GRIPPING LUGS (IMGL)</b>     | No                                                                   |
| <b>UTILIZATION CATEGORY</b>                     | aR (accompanied semiconductor protection)                            |
| <b>VOLTAGE TYPE</b>                             | AC/DC                                                                |
| <b>FUSE SIZE</b>                                | 3                                                                    |
| <b>RATED VOLTAGE AC</b>                         | 1250 V                                                               |
| <b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b> | 91.4 mm                                                              |
| <b>CURRENT TYPE</b>                             | AC                                                                   |
| <b>MOUNTING DIMENSION</b>                       | Other                                                                |
| <b>CLASS</b>                                    | Class aR                                                             |
| <b>CLEARING (I<sub>2</sub>T)</b>                | 995000 at 1000 V, 1300000 at 1250 V                                  |
| <b>WATT LOSSES</b>                              | 122 W                                                                |
| <b>FUSE SHAPE</b>                               | Square body, flush end contacts                                      |
| <b>PRE ARC (I<sub>2</sub>T)</b>                 | 205000                                                               |
| <b>COLOR</b>                                    | None                                                                 |
| <b>INTERRUPT RATING</b>                         | 100 kAIC                                                             |
| <b>FITTED WITH:</b>                             | Type K Indicator for micro                                           |
| <b>CONSTRUCTION SIZE</b>                        | 3                                                                    |
| <b>MOUNTING METHOD</b>                          | Flush                                                                |
| <b>PACKAGING TYPE</b>                           | Standard                                                             |
| <b>VOLTAGE RATING</b>                           | 1250 V (IEC), 1300 V (UL)                                            |
| <b>TYPE</b>                                     | Fuse                                                                 |
| <b>APPLICATION</b>                              | Semiconductor, DC Common bus, DC drives, power converters/rectifiers |
| <b>FUSE TYPE</b>                                | Flush end GKN/90 Type K indicator for micro                          |
| <b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>     | IEC 60269-4 flush end connections type A                             |

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DECLARATIONS OF CONFORMITY

[eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf](#)

