

# Specifications

## Eaton 170M3423

Eaton Bussmann series high speed square body fuse, 690 V (IEC), 700 V (UL), 630 A, Fuse size: 1\*, Top fuse status indicator, Flush end, B/Visual indicator

### General specifications

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Bussmann series high speed square body fuse |
| <b>CATALOG NUMBER</b>       | 170M3423                                          |
| <b>UPC</b>                  | 051712256087                                      |
| <b>EAN</b>                  | 5027590447713                                     |
| <b>PRODUCT LENGTH/DEPTH</b> | 155 mm                                            |
| <b>PRODUCT HEIGHT</b>       | 45 mm                                             |
| <b>PRODUCT WIDTH</b>        | 90 mm                                             |
| <b>PRODUCT WEIGHT</b>       | 245.3333333 g                                     |
| <b>WARRANTY</b>             | Not Applicable                                    |
| <b>COMPLIANCES</b>          | CE Marked<br>RoHS Compliant                       |
| <b>CERTIFICATIONS</b>       | IEC Rated<br>UL Recognized                        |
| <b>GLOBAL CATALOG</b>       | 170M3423                                          |
| <b>PRODUCT TYPE</b>         | High speed square body fuse                       |

## Product specifications

|                                                 |                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------|
| <b>AMPERAGE RATING</b>                          | 630 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> | 50 mm                                                                |
| <b>CURRENT TYPE</b>                             | AC                                                                   |
| <b>MOUNTING DIMENSION</b>                       | M8                                                                   |
| <b>CLASS</b>                                    | Class aR                                                             |
| <b>CLEARING (I2T)</b>                           | 325000 at 660 V                                                      |
| <b>WATT LOSSES</b>                              | 80 W                                                                 |
| <b>FUSE SHAPE</b>                               | Square body, flush end contacts                                      |
| <b>PRE ARC (I2T)</b>                            | 48500                                                                |
| <b>COLOR</b>                                    | None                                                                 |
| <b>INTERRUPT RATING</b>                         | 200 kAIC                                                             |
| <b>CONSTRUCTION SIZE</b>                        | Other                                                                |
| <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 Common bus, DC drives, power converters/rectifiers |
| <b>FUSE TYPE</b>                                | Flush end B/Visual indicator                                         |
| <b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>     | IEC 60269-4 flush end connections type A                             |

## Resources

|                            |                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>                                                                                                         |
| CATALOGS                   | <a href="#">Bussmann series complete full line catalog no. 1007</a><br><br><a href="#">170M3423~Eaton Bussmann series high speed square body fuse</a>                                             |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250915en.pdf</a><br><br><a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250037en.pdf</a>      |
| INSTALLATION VIDEOS        | <a href="#">Eaton's Switch disconnectors and Bussmann series fuses for MOEM Applications (brightcove.net)</a>                                                                                     |
| MANUALS AND USER GUIDES    | <a href="#">High speed fuses application guide</a>                                                                                                                                                |
| MCAD MODEL                 | <a href="#">eaton-hs-square-body-fuses-mcad-3d-models-u0044.stp</a>                                                                                                                               |
| PRODUCT NOTIFICATIONS      | <a href="#">eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf</a><br><br><a href="#">eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf</a> |

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



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