

# Specifications



Photo is representative



## Eaton FDB2050

Eaton Series C complete molded case circuit breaker, F-frame, FDB, Complete breaker, Fixed thermal, fixed magnetic trip type, Two-pole, 50A, 600 Vac, 250 Vdc, 18 kAIC at 240 Vac, 14 kAIC at 480 Vac, Load side, 50/60 Hz

### General specifications

|                      |  |
|----------------------|--|
| PRODUCT NAME         | Eaton Series C complete molded case circuit breaker  |
| CATALOG NUMBER       | FDB2050  |
| UPC                  | 786679312421   |
| PRODUCT LENGTH/DEPTH | 3.38 in  |
| PRODUCT HEIGHT       | 6 in   |
| PRODUCT WIDTH        | 2.75 in  |
| PRODUCT WEIGHT       | 3 lb   |
| WARRANTY             | Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first. |
| CERTIFICATIONS       | UL Listed  |

| Product specifications     |  |
|----------------------------|--|
| AMPERAGE RATING            | 50 A                                     |
| VOLTAGE RATING             | 600 Vac, 250 Vdc                         |
| TRIP TYPE                  | T186                                     |
| CIRCUIT BREAKER TYPE       | FDB                                      |
| CIRCUIT BREAKER FRAME TYPE | Complete breaker                         |
| SERIES                     | Series C                                 |
| TERMINALS                  | Load side                                |
| FRAME                      | F  |
| FREQUENCY RATING           | 50/60 Hz                                 |
| INTERRUPT RATING           | 18 kAIC at 240 Vac<br>14 kAIC at 480 Vac |
| NUMBER OF POLES            | Two-pole                                 |

| Resources                     |  |
|-------------------------------|--|
|                               | <a href="#">Application of Multi-Wire Terminals for Molded Case Circuit Breakers</a> |
| APPLICATION NOTES             | <a href="#">UL listed 100%-rated molded case circuit breakers</a>                    |
|                               | <a href="#">Application of Tap Rules to Molded Case Breaker Terminals</a>            |
| BROCHURES                     | <a href="#">Power metering and monitoring with Modbus RTU product aid</a>            |
|                               | <a href="#">Current limiting Series C molded case circuit breakers product aid</a>   |
|                               | <a href="#">Multi-wire lugs product aid</a>  |
|                               | <a href="#">StrandAble terminals product aid</a>                                     |
|                               | <a href="#">Plug-in adapters for molded case circuit breakers product aid</a>        |
|                               | <a href="#">Circuit breaker motor operators product aid</a>                          |
|                               | <a href="#">Motor protection circuit breakers product aid</a>                        |
|                               | <a href="#">Breaker service centers</a>  |
|                               | <a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>    |
|                               | <a href="#">Circuit Breakers Explained</a>   |
| MULTIMEDIA                    | <a href="#">Circuit breakers explained</a>   |
|                               | <a href="#">Series C F-Frame molded case circuit breakers</a>                        |
|                               | <a href="#">Eaton Specification Sheet - FDB2050</a>                                  |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Series C J-Frame molded case circuit breakers time current curves</a>    |
|                               | <a href="#">MOEM MCCB product selection guide</a>                                    |
|                               | <a href="#">Series C G-Frame molded case circuit breakers time current curves</a>    |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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