

# Specifications



Photo is representative



## Eaton HLD3500

Eaton Series C complete molded case circuit breaker, L-frame, HLD, Fixed thermal, Fixed magnetic trip, Three-pole, 500A, 600 Vac, 250 Vdc, 100 kAIC at 240 Vac, 65 kAIC at 480 Vac, Aluminum, Line and load, 50/60 Hz

### General specifications

|                      |   |
|----------------------|---|
| PRODUCT NAME         | Eaton Series C complete molded case circuit breaker |
| CATALOG NUMBER       | HLD3500   |
| UPC                  | 786679006573  |
| PRODUCT LENGTH/DEPTH | 8.25 in   |
| PRODUCT HEIGHT       | 8.25 in   |
| PRODUCT WIDTH        | 8.25 in   |
| PRODUCT WEIGHT       | 21 lb   |
| CERTIFICATIONS       | UL Listed   |

| Product specifications     |   |
|----------------------------|---|
| AMPERAGE RATING            | 500 A                                     |
| VOLTAGE RATING             | 600 Vac, 250 Vdc                          |
| TRIP TYPE                  | T186                                      |
| CIRCUIT BREAKER TYPE       | HLD                                       |
| CIRCUIT BREAKER FRAME TYPE | Complete breaker                          |
| SERIES                     | Series C                                  |
| TERMINALS                  | Line and load                             |
| FRAME                      | L   |
| FREQUENCY RATING           | 50 to 60 Hz                               |
| TERMINAL MATERIAL          | Aluminum                                  |
| INTERRUPT RATING           | 65 kAIC at 480 Vac<br>100 kAIC at 240 Vac |
| NUMBER OF POLES            | Three-pole                                |

| Resources                     |  |
|-------------------------------|--|
|                               | <a href="#">Application of Tap Rules to Molded Case Breaker Terminals</a>            |
| APPLICATION NOTES             | <a href="#">UL listed 100%-rated molded case circuit breakers</a>                    |
|                               | <a href="#">Application of Multi-Wire Terminals for Molded Case Circuit Breakers</a> |
| BROCHURES                     | <a href="#">Power metering and monitoring with Modbus RTU product aid</a>            |
|                               | <a href="#">Multi-wire lugs product aid</a>  |
|                               | <a href="#">Motor protection circuit breakers product aid</a>                        |
|                               | <a href="#">Circuit breaker motor operators product aid</a>                          |
|                               | <a href="#">Plug-in adapters for molded case circuit breakers product aid</a>        |
|                               | <a href="#">Current limiting Series C molded case circuit breakers product aid</a>   |
|                               | <a href="#">StrandAble terminals 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>   |
| CATALOGS                      | <a href="#">Circuit breakers explained</a>   |
| MULTIMEDIA                    | <a href="#">MOEM MCCB product selection guide</a>                                    |
|                               | <a href="#">Series C J-Frame molded case circuit breakers time current curves</a>    |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Eaton Specification Sheet - HLD3500</a>                                  |
|                               | <a href="#">Series C F-Frame molded case circuit breakers</a>                        |
|                               | <a href="#">Series C G-Frame molded case circuit breakers time current curves</a>    |

---

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

---



**Eaton Corporation plc**

Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2025 Eaton. All Rights  
Reserved.

Eaton is a registered trademark.

All other trademarks are property of  
their respective owners.

Follow us on social media to get the latest  
product and support information.

