

# Product data sheet

Specifications



Mini circuit breaker, E-Frame,  
125A, 3 pole, 480Y/277VAC, 25kA  
max, bolt on [TAA]

EDB34125

Product availability: Stock - Normally stocked in distribution facility

## Main

|                   |                           |
|-------------------|---------------------------|
| Range             | 125 A Frame EDB-EGB-EJB   |
| Product Type      | Miniature circuit-breaker |
| Device Short Name | EDB                       |
| Module Type       | E-Frame                   |
| Trip Unit Rating  | 2300 A                    |

## Complementary

|                             |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Current               | 125 A                                                                                                                                                                                             |
| Maximum Operating Voltage   | 480Y/277 V AC                                                                                                                                                                                     |
| AWG Gauge                   | AWG 12...AWG 2/0 aluminium<br>AWG 14...AWG 2/0 copper                                                                                                                                             |
| Breaking Capacity           | 18 kA 277 V AC<br>25 kA 240 V AC<br>18 kA 480Y/277 V AC<br>25 kA 120 V AC<br>25 kA 120/240 V AC                                                                                                   |
| Circuit Breaker Application | HACR rated                                                                                                                                                                                        |
| Electrical Connection       | Lugs aluminium                                                                                                                                                                                    |
| Holding Current             | 1000 A                                                                                                                                                                                            |
| Local Signalling            | Trip indicator                                                                                                                                                                                    |
| Mounting Mode               | Bolt-on                                                                                                                                                                                           |
| Number of Poles             | 3                                                                                                                                                                                                 |
| Number of Spaces            | 3                                                                                                                                                                                                 |
| Number of Spaces Required   | 3                                                                                                                                                                                                 |
| Product Destination         | NF panelboard                                                                                                                                                                                     |
| Protect Type                | Overload<br>Short-circuit                                                                                                                                                                         |
| Trip Unit Technology        | Thermal-magnetic                                                                                                                                                                                  |
| Breaking Capacity Code      | D                                                                                                                                                                                                 |
| Tightening Torque           | 34.5 lbf.in (3.9 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10)<br>49.6 lbf.in (5.6 N.m) 0.02...0.1 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0) |
| Height                      | 5.66 in (143.76 mm)                                                                                                                                                                               |
| Width                       | 2.94 in (74.68 mm)                                                                                                                                                                                |
| Depth                       | 4.05 in (102.87 mm)                                                                                                                                                                               |
| Product Weight              | 4 lb(US) (1.8 kg)                                                                                                                                                                                 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

|                                       |                |
|---------------------------------------|----------------|
| Product Certifications                | cULus          |
| Ambient Air Temperature for Operation | 104 °F (40 °C) |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US10DE200931 |
| Discount Schedule | 0DE2         |
| GTIN              | 785901072966 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                        |                         |
|------------------------|-------------------------|
| Unit Type of Package 1 | PCE                     |
| Nbr. of units in pkg.  | 1                       |
| Package 1 Height       | 5.50 in (13.970 cm)     |
| Package 1 Width        | 7.00 in (17.780 cm)     |
| Package 1 Length       | 10.00 in (25.400 cm)    |
| Package weight(Lbs)    | 3.501 lb(US) (1.588 kg) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                        |                                               |
|------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 59                                            |
| Environmental Disclosure                       | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                      |
|----------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard | Yes                                  |
| Packaging without single use plastic   | Yes                                  |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions            |
| SCIP Number                            | 8781af64-acd9-485c-9a86-abcdfbd458e3 |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |

Use Again

| Repack and remanufacture |                                         |
|--------------------------|-----------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a> |
| Take-back                | No                                      |

Technical Illustration

Dimensions

