

# Product data sheet

## Characteristics

EDB34030SA

Mini circuit breaker, E-Frame, 30A, 3 pole, 480Y/277VAC, 25kA max, bolt on, shunt trip



## Main

|                           |                           |
|---------------------------|---------------------------|
| Range of Product          | 125 A Frame EDB-EGB-EJB   |
| Product or Component Type | Miniature circuit-breaker |
| Device short name         | EDB                       |
| Module type               | E-Frame                   |
| Trip unit rating          | 875 A                     |

## Complementary

|                             |  |
|-----------------------------|--|
| Line Rated Current          | 30 A   |
| Maximum operating voltage   | 480Y/277 V AC  |
| AWG gauge                   | AWG 12...AWG 6 aluminium<br>AWG 14...AWG 6 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 | HID rated<br>HACR rated  |
| Electrical connection       | Lugs aluminium   |
| Holding Current             | 270 A  |
| Local signalling            | Trip indicator   |
| Mounting Mode               | Bolt-on  |
| Number of poles             | 3  |
| Number of spaces            | 4  |
| Number of spaces required   | 4  |
| Product destination         | NF panelboard  |
| Protection Type             | Overload<br>Short-circuit  |
| Device Composition          | Shunt trip   |
| Trip unit technology        | Thermal-magnetic   |
| Breaking capacity code      | D  |
| Tightening torque           | 30.09 lbf.in (3.4 N.m) 0.004...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) (AWG 14...AWG 6) |
| Height                      | 5.66 in (143.76 mm)  |
| Width                       | 3.92 in (99.57 mm)   |
| Depth                       | 4.05 in (102.87 mm)  |
| Net Weight                  | 4 lb(US) (1.8 kg)  |

## Environment

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

The information provided in this document contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US10DE200931 |
| Discount Schedule | 0DE2         |
| GTIN              | 785901326427 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                              |                            |
|------------------------------|----------------------------|
| Unit Type of Package 1       | PCE                        |
| Number of Units in Package 1 | 1                          |
| Package 1 Height             | 5.800 in (14.732 cm)       |
| Package 1 Width              | 6.0000000000 in (15.24 cm) |
| Package 1 Length             | 9.800 in (24.892 cm)       |
| Package 1 Weight             | 4.21 lb(US) (1.91 kg)      |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| REACH Regulation           |  <a href="#">REACH Declaration</a>      |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)   |
| Mercury free               | Yes  |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a> |
| RoHS exemption information |  Yes                                    |

## Contractual warranty

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