

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame,
100A, 3 pole, 480Y/277VAC, 25kA
max, bolt on [TAA]

EDB34100

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 | 100 A |
| Maximum Operating Voltage | 480Y/277 V AC |
| AWG Gauge | AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper |
| Breaking Capacity | 18 kA 277 V AC 25 kA 240 V AC 18 kA 480Y/277 V AC 25 kA 120 V AC 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 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 ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in ² (10...70 mm ²) (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.

Environment

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

Ordering and shipping details

| | |
|-------------------|--------------|
| Category | US10DE200931 |
| Discount Schedule | 0DE2 |
| GTIN | 785901875383 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 4.80 in (12.192 cm) |
| Package 1 Width | 6.20 in (15.748 cm) |
| Package 1 Length | 9.90 in (25.146 cm) |
| Package weight(Lbs) | 3.521 lb(US) (1.597 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

EU RoHS Directive

Not applicable, out of EU RoHS legal scope

SCIP Number

8781af64-acd9-485c-9a86-abcdfbd458e3

REACH Regulation

[REACH Declaration](#)

Use Again

Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

Take-back

No

Technical Illustration

Dimensions

