

Product data sheet

Characteristics

EDB34100

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

Product availability : Stock - Normally stocked in distribution facility



Price* : 911.00 USD



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 | 2300 A |

Complementary

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| Line 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 |
| Protection type | Overload |

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

| | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Short-circuit |
| Trip unit technology | Thermal-magnetic |
| Breaking capacity code | D |
| Tightening torque | 34.52 lbf.in (3.9 N.m) 0.00...0.01 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 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) |
| Net Weight | 4 lb(US) (1.81 kg) |

Environment

| | |
|---------------------------------------|----------------|
| Product certifications | CULus |
| Ambient air temperature for operation | 104 °F (40 °C) |

Ordering and shipping details

| | |
|-----------------------|------------------------------|
| Category | 00931 - EDB CIRCUIT BREAKERS |
| Discount Schedule | DE2 |
| GTIN | 00785901875383 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3.63 lb(US) (1.645 kg) |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| 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) |

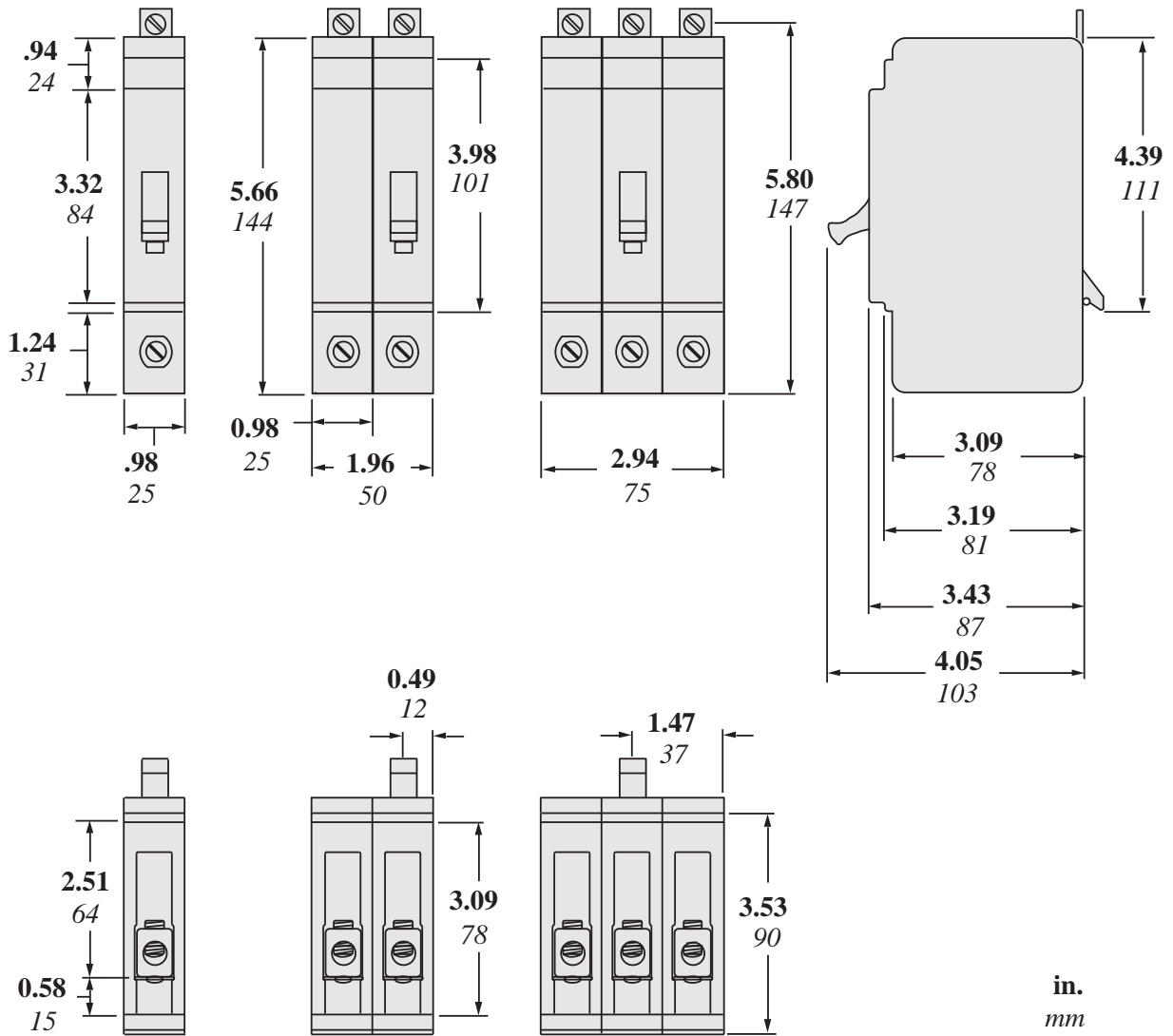
Offer Sustainability

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information. |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

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

Dimensions



All dimensions are approximate. Also see technical drawings and/or documentation.