

Product data sheet

Specifications



Mini circuit breaker, E-Frame, 30A, 1 pole, 277VAC, 25kA max, bolt on, 30mA ground fault protection [TAA]

EDB14030EPD

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 |
| Earth-leakage Protection Class | Class B |
| Module Type | E-Frame |
| Trip Unit Rating | 875 A |

Complementary

| | |
|-----------------------------|--|
| Rated Current | 30 A |
| Maximum Operating Voltage | 277 V AC |
| AWG Gauge | AWG 14...AWG 6 copper AWG 12...AWG 4 aluminium |
| Breaking Capacity | 18 kA 277 V AC 18 kA 240 V AC 25 kA 120 V AC 18 kA 120/240 V AC |
| Circuit Breaker Application | HID rated HACR rated |
| Earth-leakage Sensitivity | 30 mA |
| Electrical Connection | Lugs aluminium |
| Holding Current | 270 A |
| Local Signalling | Trip indicator |
| Mounting Mode | Bolt-on |
| Number of Poles | 1 |
| Number of Spaces | 2 |
| Number of Spaces Required | 2 |
| Product Destination | NF panelboard |
| Protect Type | Overload Short-circuit |
| Trip Unit Technology | Thermal-magnetic |
| Breaking Capacity Code | D |
| Tightening Torque | 30.09 lbf.in (3.4 N.m) 0.004...0.02 in² (2.5...16 mm²) (AWG 14...AWG 6) |
| Height | 6.64 in (168.66 mm) |

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

| | |
|----------------|---------------------|
| Width | 1.96 in (49.78 mm) |
| Depth | 4.05 in (102.87 mm) |
| Product Weight | 2 lb(US) (0.9 kg) |

Environment

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

Ordering and shipping details

| | |
|-------------------|--------------|
| Category | US10DE200946 |
| Discount Schedule | 0DE2 |
| GTIN | 785901475576 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------------------|-----------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.60 in (6.604 cm) |
| Package 1 Width | 5.70 in (14.478 cm) |
| Package 1 Length | 7.20 in (18.288 cm) |
| Package 1 Weight | 33.599 oz (952.543 g) |

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

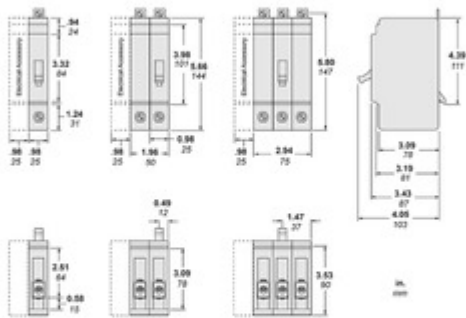
| <div>Materials and Substances</div> | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| SCIP Number | 8781af64-acd9-485c-9a86-abcdfbd458e3 |

Use Again

| <div>Repack and remanufacture</div> | |
|--|----|
| Take-back | No |

Technical Illustration

Dimensions



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