

# Product data sheet

Specifications

SQUARE D



[TAA] Mini circuit breaker, E-Frame, 80A, 3 pole, 480Y/277VAC, 25kA max, bolt on

EDB34080

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	80 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	Short-circuit Overload
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) 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)

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

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Depth	4.05 in (102.87 mm)
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Net Weight	4 lb(US) (1.8 kg)
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## Environment

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Product Certifications	cULus
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Ambient Air Temperature for Operation	104 °F (40 °C)
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## Ordering and shipping details

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Category	US10DE200931
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Discount Schedule	0DE2
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GTIN	785901875369
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Returnability	Yes
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Country of origin	US
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	4.500 in (11.430 cm)
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Package 1 Width	6.100 in (15.494 cm)
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Package 1 Length	9.600 in (24.384 cm)
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Package 1 Weight	3.501 lb(US) (1.588 kg)
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## Contractual warranty

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Warranty	18 months
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## Sustainability


**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

 Mercury Free

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 Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)

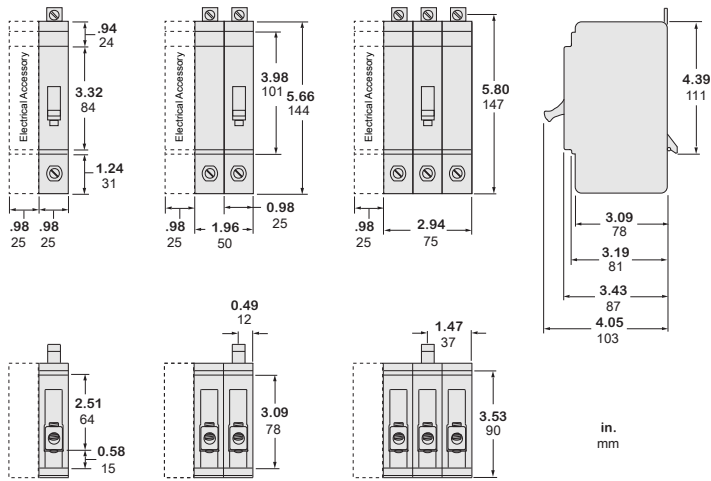
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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

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Technical Illustration

Dimensions



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