

Product data sheet

Specifications

SQUARE D

Green Premium™



Mini circuit breaker, E-Frame, 100A, 3 pole, 480Y/277 VAC, 65 kA max, bolt on

EGB34100

Product availability : Stock - Normally stocked in distribution facility

Price* : 1,292.00 USD

Main

Range of product	125 A Frame EDB-EGB-EJB
Product or Component Type	Miniature circuit-breaker
Device short name	EGB
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	35 kA 277 V AC 65 kA 240 V AC 35 kA 480Y/277 V AC 65 kA 120 V AC 65 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	G
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)

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

Width	2.94 in (74.68 mm)
Depth	4.05 in (102.87 mm)
Product 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	00936 - EGB CIRCUIT BREAKERS
Discount Schedule	DE2
GTIN	785901311188
Nbr. of units in pkg.	1
Package weight(Lbs)	3.62 lb(US) (1.64 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.69 in (11.9 cm)
Package 1 width	6.10 in (15.5 cm)
Package 1 Length	10.00 in (25.4 cm)

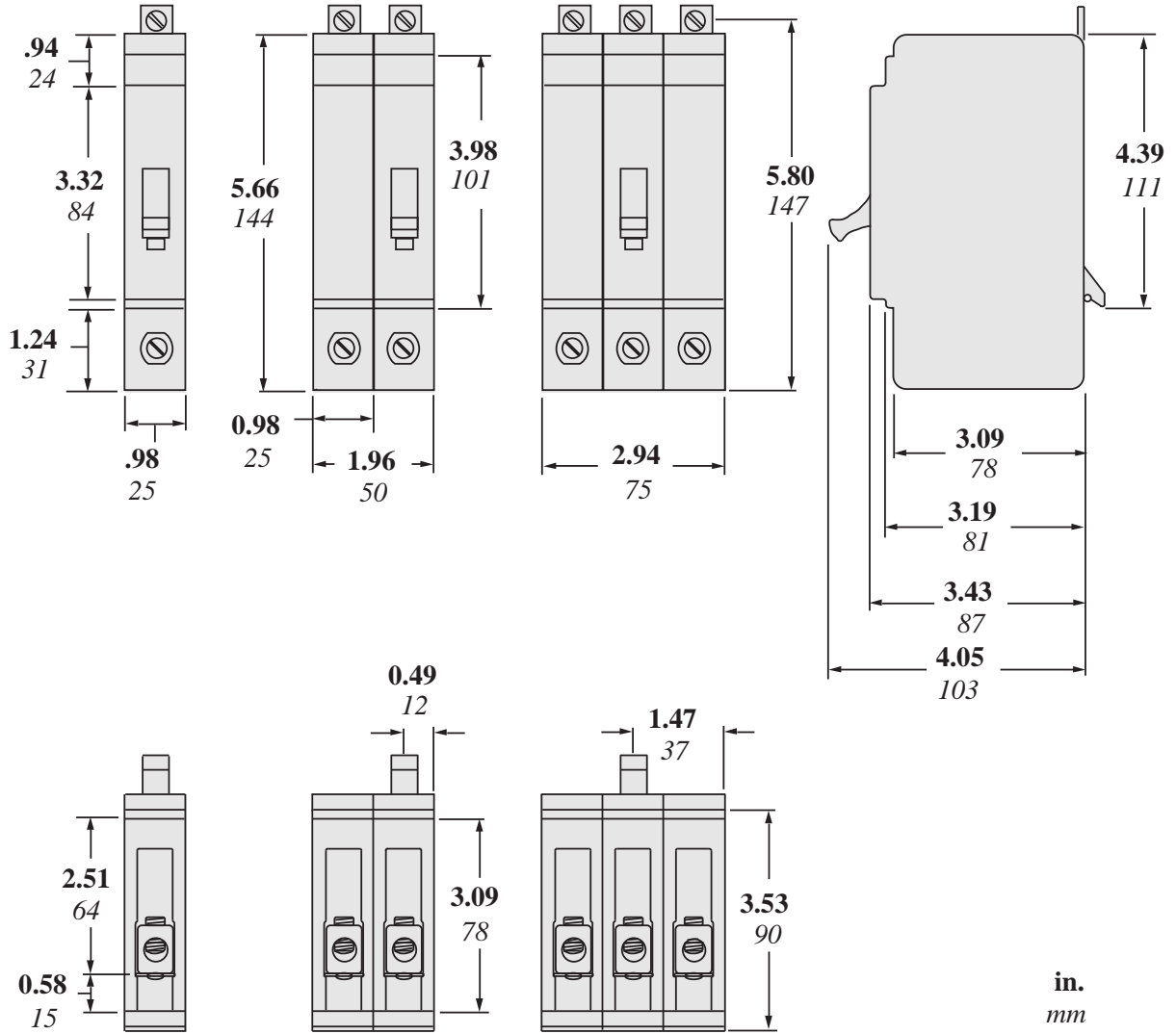
Offer Sustainability

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
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Dimensions



in.
mm

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