

# Product data sheet

Specifications

SQUARE D



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

EGB34100SA

## 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

[In] rated current	100 A
Maximum operating voltage	480Y/277 V AC
AWG gauge	AWG 12...AWG 2/0 aluminum 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 aluminum
Holding current	1000 A
Local signalling	Trip indicator
Mounting mode	Bolt-on
Number of poles	3
Number of spaces	4
Number of spaces required	4
Product destination	NF panelboard
Protection type	Overload Short-circuit
Device composition	Shunt trip
Trip unit technology	Thermal-magnetic
Breaking capacity code	G
Tightening torque	34.52 lbf.in (3.9 N.m) 0.00...0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 in <sup>2</sup> (10...70 mm <sup>2</sup> ) AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)

<b>Width</b>	3.92 in (99.57 mm)
<b>Depth</b>	4.05 in (102.87 mm)
<b>Net weight</b>	4 lb(US) (1.81 kg)

## Environment

<b>Product certifications</b>	cULus
<b>Ambient air temperature for operation</b>	104 °F (40 °C)

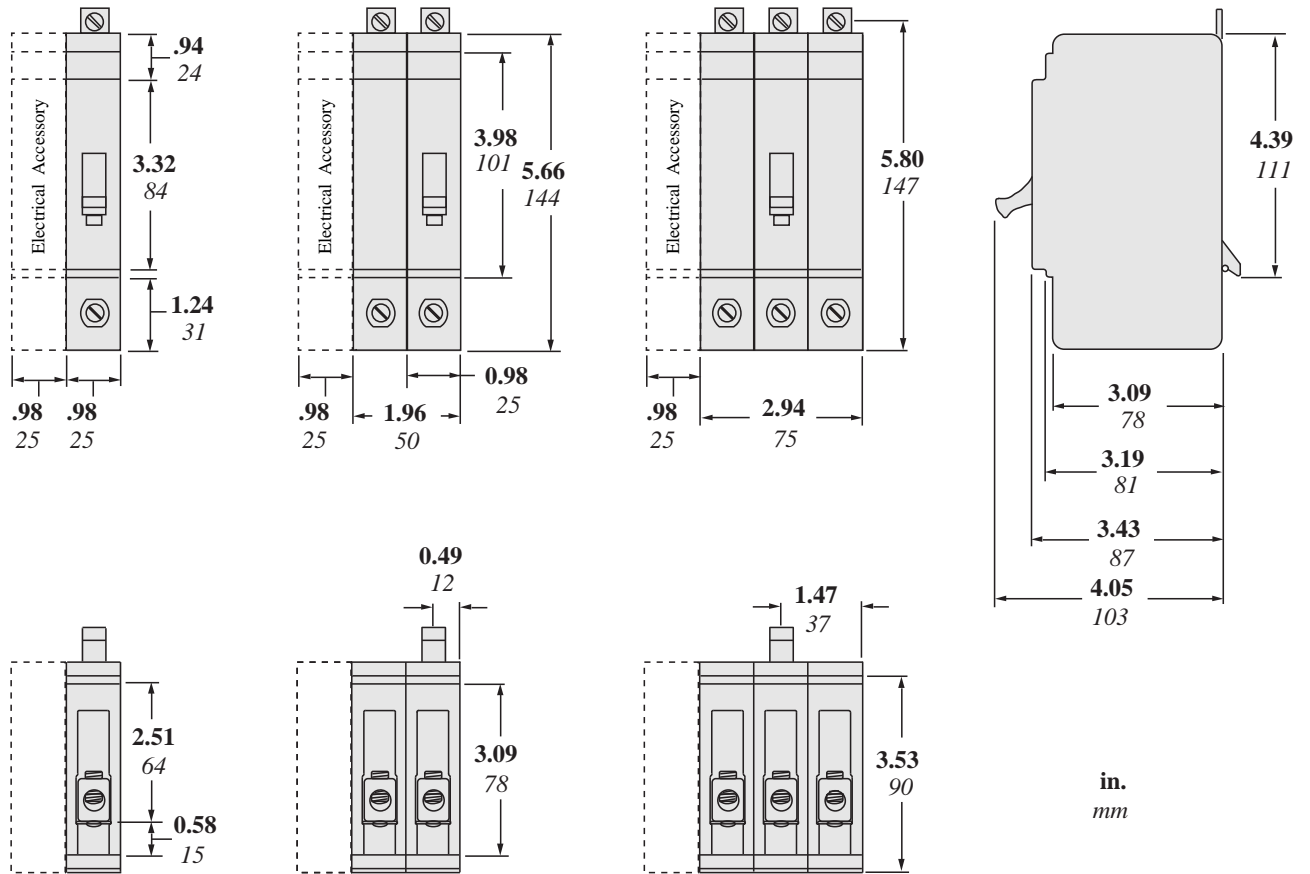
## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.30 in (16.002 cm)
<b>Package 1 Width</b>	6.20 in (15.748 cm)
<b>Package 1 Length</b>	9.90 in (25.146 cm)
<b>Package 1 Weight</b>	4.17 lb(US) (1.89 kg)

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes

**Dimensions**

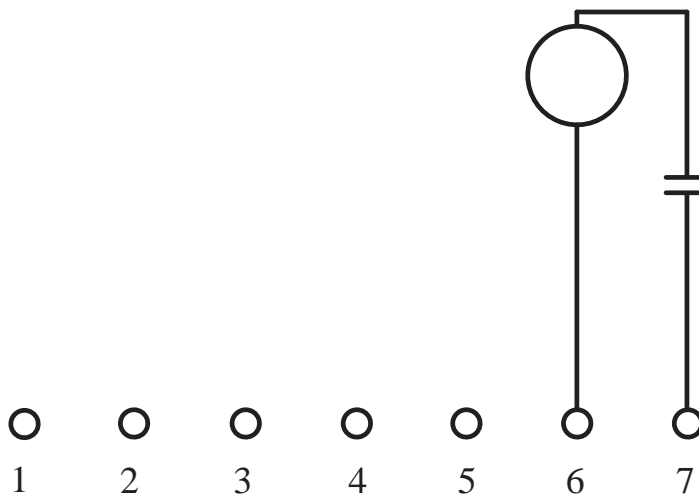


All dimensions are approximate.  
 Also see technical drawings and/or documentation.

Wiring Diagram

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Shunt Trip /  
Disparo en derivación /  
Déclencheur shunt



Recommended replacement(s)