

# Product data sheet

## Characteristics

# EGB36100

Mini circuit breaker, E-Frame, 100A, 3 pole,  
600Y/347 VAC, 65 kA max, bolt on



### Main

Range of Product	125 A Frame EDB-EGB-EJB
Product or Component Type	Circuit-breaker
Device short name	EGB
Module type	E-Frame
Trip unit rating	2300 A

### Complementary

Line Rated Current	100 A
Maximum operating voltage	600Y/347 V AC
AWG gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking capacity	18 kA 600Y/347 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 Short-circuit
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)
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	00936-EGB CIRCUIT BREAKERS
Discount Schedule	DE2
GTIN	785901234845
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.80 in (12.2 cm)
Package 1 Width	6.30 in (16.0 cm)
Package 1 Length	9.88 in (25.1 cm)
Package 1 Weight	3.64 lb(US) (1.65 kg)

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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