

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 45A,  
1 pole, 600Y/347VAC, 65kA max,  
bolt on

EGB16045

Discontinued on: Nov 15, 2023

Discontinued

## Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Circuit-breaker
Device Short Name	EGB
Module Type	E-Frame
Trip Unit Rating	1800 A

## Complementary

Rated Current	45 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	630 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	1
Number of Spaces	1
Number of Spaces Required	1
Product Destination	NF panelboard
Protect Type	Overload Short-circuit
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	G
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004...0.009 in² (2.5...6 mm²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in² (10...70 mm²) (AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)
Width	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Product Weight	2 lb(US) (0.9 kg)

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

## 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
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	31.999 oz (907.185 g)

## Contractual warranty

Warranty	18 months
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