

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 50A,  
1 pole, 600Y/347VAC, 65kA max,  
bolt on

EGB16050

! 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	50 A
Maximum Operating Voltage	600Y/347 V AC
AWG Gauge	AWG 12...AWG 2/0 aluminum AWG 14...AWG 2/0 copper
Breaking Capacity	18 kA 600Y/347 V AC
Circuit Breaker Application	HACR rated
Electrical Connection	Lugs aluminum
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 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	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Product Weight	2 lb(US) (0.9 kg)

## Environment

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<b>Product Certifications</b>	cULus
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<b>Ambient Air Temperature for Operation</b>	104 °F (40 °C)
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Number of Units in Package 1</b>	1
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<b>Package 1 Height</b>	1.80 in (4.572 cm)
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<b>Package 1 Width</b>	6.10 in (15.494 cm)
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<b>Package 1 Length</b>	10.20 in (25.908 cm)
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<b>Package 1 Weight</b>	20.987 oz (594.977 g)
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

 <b>Materials and Substances</b>	
<a href="#">EU RoHS Directive</a>	Compliant
China RoHS Regulation	<a href="#">China RoHS declaration</a>