

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 50A, 3 pole, 480Y/277VAC, 65kA max, bolt on [TAA]

EGB34050

Product availability: Stock - Normally stocked in distribution facility

## Main

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

## Complementary

Rated Current	50 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	HID rated HACR rated
Electrical Connection	Lugs aluminium
Holding Current	630 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
Protect Type	Short-circuit Overload
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	2.94 in (74.68 mm)
Depth	4.05 in (102.87 mm)

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

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Product Weight	4 lb(US) (1.8 kg)
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## Environment

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Product Certifications	cULus
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Ambient Air Temperature for Operation	104 °F (40 °C)
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## Ordering and shipping details

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Category	US10DE200936
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Discount Schedule	0DE2
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GTIN	785901073024
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Returnability	Yes
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Country of origin	MX
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## Packing Units

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Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
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Package 1 Height	4.80 in (12.192 cm)
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Package 1 Width	6.20 in (15.748 cm)
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Package 1 Length	9.90 in (25.146 cm)
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Package weight(Lbs)	3.510 lb(US) (1.592 kg)
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## Contractual warranty

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Warranty	18 months
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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 >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) **59**

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Pro-active compliance (Product out of EU RoHS legal scope)**

SCIP Number **8781af64-acd9-485c-9a86-abcd9bd458e3**

REACH Regulation [REACH Declaration](#)

### Use Again

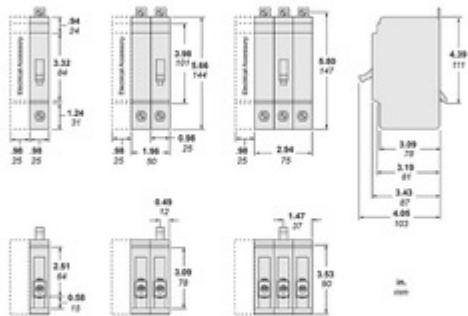
#### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**

## Technical Illustration

## Dimensions



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