

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 50A,
3 pole, 480Y/277VAC, 100kA max,
bolt on [TAA]

EJB34050

Product availability: Stock - Normally stocked in distribution facility

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EJB
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	65 kA 277 V AC 100 kA 240 V AC 65 kA 480Y/277 V AC 100 kA 120 V AC 100 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	J
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004...0.009 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in ² (10...70 mm ²) (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.

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

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

Category	US10DE200937
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Discount Schedule	0DE2
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GTIN	785901335238
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Returnability	Yes
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Country of origin	MX
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	4.50 in (11.430 cm)
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Package 1 Width	6.20 in (15.748 cm)
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Package 1 Length	9.70 in (24.638 cm)
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Package 1 Weight	3.600 lb(US) (1.633 kg)
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Contractual warranty

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
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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SCIP Number	8781af64-acd9-485c-9a86-abcdfbd458e3
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China RoHS Regulation	China RoHS declaration
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Use Again

Repack and remanufacture

Take-back	No
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