

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 50A, 1 pole, 600Y/347VAC, 25kA max, bolt on [TAA]

EDB16050

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Circuit-breaker
Device Short Name	EDB
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 aluminium AWG 14...AWG 2/0 copper
Breaking Capacity	14 kA 600Y/347 V AC 18 kA 480Y/277 V AC 25 kA 240 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	D
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	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.

Environment

Product Certifications	cULus IEC
Ambient Air Temperature for Operation	104 °F (40 °C)

Ordering and shipping details

Category	US10DE200931
Discount Schedule	ODE2
GTIN	3606486143315
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.67 in (14.4 cm)
Package 1 Width	0.98 in (2.5 cm)
Package 1 Length	4.06 in (10.3 cm)
Package weight(Lbs)	20.8 oz (590.0 g)

Contractual warranty

Warranty	18 months
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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

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
SCIP Number	8781af64-acd9-485c-9a86-abcd458e3
REACH Regulation	REACH Declaration

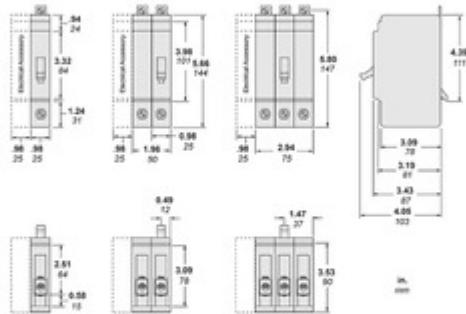
Use Again

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.