

Product data sheet

Specifications



Mini circuit breaker, E-Frame, 50A,
3 pole, 480Y/277VAC, 25kA max,
bolt on [TAA]

EDB34050

Product availability: Stock - Normally stocked in distribution facility

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EDB
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	18 kA 277 V AC 25 kA 240 V AC 18 kA 480Y/277 V AC 25 kA 120 V AC 25 kA 120/240 V AC
Circuit Breaker Application	HACR rated HID 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	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	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.

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

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

Environment

Product Certifications	cULus
------------------------	-------

Ambient Air Temperature for Operation	104 °F (40 °C)
---------------------------------------	----------------

Ordering and shipping details

Category	US10DE200931
----------	--------------

Discount Schedule	0DE2
-------------------	------

GTIN	785901875314
------	--------------

Returnability	Yes
---------------	-----

Country of origin	MX
-------------------	----

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Nbr. of units in pkg.	1
-----------------------	---

Package 1 Height	4.8 in (12.2 cm)
------------------	------------------

Package 1 Width	6.4 in (16.3 cm)
-----------------	------------------

Package 1 Length	9.9 in (25.1 cm)
------------------	------------------

Package weight(Lbs)	3.5 lb(US) (1.6 kg)
---------------------	---------------------

Compliance

Compliance	TAA
------------	-----

Contractual warranty

Warranty (in months)	18
----------------------	----

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.

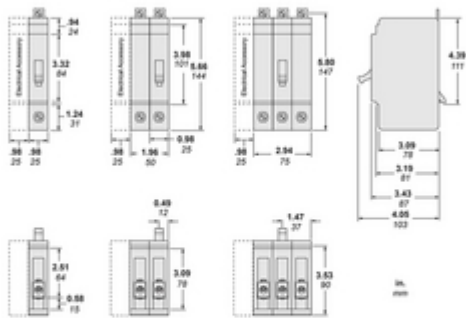
[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint		
Carbon footprint (kg CO2 eq, Total Life cycle)		60
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-abcdfbd458e3
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.