

Product data sheet

Specifications



Mini circuit breaker, E-Frame,
100A, 2 pole, 480Y/277VAC, 25kA
max, bolt on, shunt trip [TAA]

EDB24100SA

Product availability: Non-Stock - Not 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	2300 A

Complementary

Rated Current	100 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
Electrical Connection	Lugs aluminium
Holding Current	1000 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	2
Number of Spaces	3
Number of Spaces Required	3
Product Destination	NF panelboard
Protect Type	Overload Short-circuit
Device Composition	Shunt trip
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	D
Height	5.66 in (143.76 mm)
Width	2.94 in (74.68 mm)
Depth	4.05 in (102.87 mm)
Product Weight	3 lb(US) (1.4 kg)

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

Environment

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

Ordering and shipping details

Category	US10DE200931
Discount Schedule	0DE2
GTIN	3606486143858
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.7 in (14.4 cm)
Package 1 Width	3.0 in (7.5 cm)
Package 1 Length	4.06 in (10.3 cm)
Package weight(Lbs)	3.999 lb(US) (1.814 kg)

Compliance

Compliance	TAA
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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	
Environmental Disclosure	Product Environmental Profile

Use Better

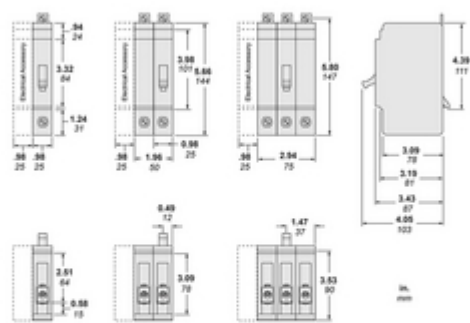
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	8781af64-acd9-485c-9a86-abcdfbd458e3
REACH Regulation	REACH Declaration

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.

Technical Illustration

Wiring diagram

