

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 20A,
3 pole, 480Y/277VAC, 25kA max,
bolt on, shunt trip [TAA]

EDB34020SA

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	875 A

Complementary

Rated Current	20 A
Maximum Operating Voltage	480Y/277 V AC
AWG Gauge	AWG 12...AWG 6 aluminium AWG 14...AWG 6 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	HID rated HACR rated
Electrical Connection	Lugs aluminium
Holding Current	270 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	3
Number of Spaces	4
Number of Spaces Required	4
Product Destination	NF panelboard
Protect Type	Short-circuit Overload
Device Composition	Shunt trip
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	D
Tightening Torque	30.09 lbf.in (3.4 N.m) 0.004...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 6)
Height	5.66 in (143.76 mm)
Width	3.92 in (99.57 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	US10DE200931
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Discount Schedule	0DE2
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GTIN	785901112419
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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	6.30 in (16.002 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 1 Weight	4.370 lb(US) (1.982 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

8781af64-acd9-485c-9a86-abcdfbd458e3

China RoHS Regulation

[China RoHS declaration](#)

Use Again

Repack and remanufacture

Take-back

No