

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 20A,
1 pole, 277VAC, 25kA max, bolt
on, 30mA ground fault protection
[TAA]

EDB14020EPD

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
Earth-leakage Protection Class	Class B
Module Type	E-Frame
Trip Unit Rating	875 A

Complementary

Rated Current	20 A
Maximum Operating Voltage	277 V AC
AWG Gauge	AWG 14...AWG 6 copper AWG 12...AWG 4 aluminium
Breaking Capacity	18 kA 277 V AC 18 kA 240 V AC 25 kA 120 V AC 18 kA 120/240 V AC
Circuit Breaker Application	Switching Duty rated HID rated HACR rated
Earth-leakage Sensitivity	30 mA
Electrical Connection	Lugs aluminium
Holding Current	270 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	1
Number of Spaces	2
Number of Spaces Required	2
Product Destination	NF panelboard
Protect Type	Overload Short-circuit
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	6.64 in (168.66 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Width	1.96 in (49.78 mm)
Depth	4.05 in (102.87 mm)
Product Weight	2 lb(US) (0.9 kg)

Environment

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

Ordering and shipping details

Category	US10DE200946
Discount Schedule	0DE2
GTIN	785901425045
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.50 in (6.350 cm)
Package 1 Width	7.20 in (18.288 cm)
Package 1 Length	5.60 in (14.224 cm)
Package weight(Lbs)	33.599 oz (952.543 g)

Compliance

Compliance	TAA
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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) 62

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 Under investigation

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

REACH Regulation [REACH Declaration](#)

California proposition 65
WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

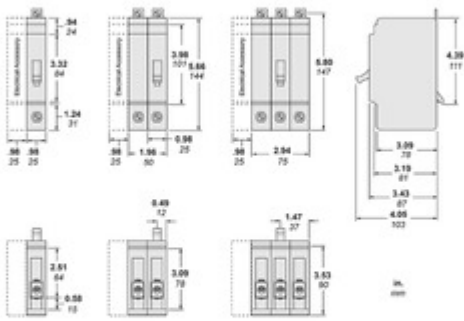
Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Technical Illustration

Dimensions



All dimensions are approximate.
Also see technical drawings and/or documentation.