

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 70A,  
2 pole, 480Y/277VAC, 25kA max,  
bolt on [TAA]

EDB24070

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	70 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	630 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	2
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	34.5 lbf.in (3.9 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)
Width	1.96 in (49.78 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.

## Environment

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

## Ordering and shipping details

Category	US10DE200931
Discount Schedule	0DE2
GTIN	785901311034
Returnability	Yes
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.82 in (9.7 cm)
Package 1 Width	6.10 in (15.5 cm)
Package 1 Length	9.88 in (25.1 cm)
Package 1 Weight	2.51 lb(US) (1.14 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	504
Package 2 Height	40.00 in (101.6 cm)
Package 2 Width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	1337.202 lb(US) (606.544 kg)

## 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