SQUARE D

Mini circuit breaker, E-Frame, 45A, 1 pole, 277VAC, 100kA max, bolt on [TAA]

EJB14045

Product availability: Stock - Normally stocked in distribution facility

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EJB
Module Type	E-Frame
Trip Unit Rating	1800 A

Complementary

Rated Current	45 A
Maximum Operating Voltage	277 V AC
AWG Gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking Capacity	65 kA 240 V AC 65 kA 277 V AC 100 kA 120 V AC 65 kA 120/240 V AC
Circuit Breaker Application	HID rated HACR rated
Electrical Connection	Lugs aluminium
Holding Current	630 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	1
Number of Spaces	1
Number of Spaces Required	1
Product Destination	NF panelboard
Protect Type	Short-circuit Overload
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	J
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004…0.009 in² (2.5…6 mm²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02…0.1 in² (10…70 mm²) (AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)
Width	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Product Weight	2 lb(US) (0.9 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	US10DE200937
Discount Schedule	0DE2
GTIN	785901130550
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.80 in (4.572 cm)
Package 1 Width	6.10 in (15.494 cm)
Package 1 Length	10.20 in (25.908 cm)
Package weight(Lbs)	20.811 oz (589.988 g)

Contractual warranty

Warranty	18 months

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	**No**
EU RoHS Directive	**Not applicable, 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
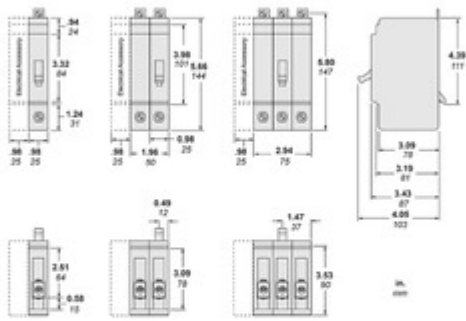
All dimensions are approximate.
Also see technical drawings and/or documentation.