

Product data sheet

Specifications



Mini circuit breaker, E-Frame, 50A, 1 pole, 277VAC, 100kA max, bolt on, 30mA ground fault protection [TAA]

EJB14050EPD

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	EJB
Earth-leakage Protection Class	Class B
Module Type	E-Frame
Trip Unit Rating	1800 A

Complementary

Rated Current	50 A
Maximum Operating Voltage	277 V AC
AWG Gauge	AWG 14...AWG 6 copper AWG 12...AWG 4 aluminium
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	HACR rated HID rated
Earth-leakage Sensitivity	30 mA
Electrical Connection	Lugs aluminium
Holding Current	630 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	J
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004...0.009 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in ² (10...70 mm ²) (AWG 8...AWG 2/0)
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.

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

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

Ordering and shipping details

Category	US10DE200931
Discount Schedule	0DE2
GTIN	785901219477
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.50 in (6.35 cm)
Package 1 Width	5.50 in (13.97 cm)
Package 1 Length	7.300 in (18.542 cm)
Package weight(Lbs)	2.500 lb(US) (1.134 kg)

Compliance

Compliance	TAA Compliant
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Contractual warranty

Warranty (in months)	18
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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

SCIP Number

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

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

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 Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Take-back

No