

# Product data sheet

## Characteristics

# EJB14050

Mini circuit breaker, E-Frame, 50A, 1 pole, 277 VAC, 100 kA max, bolt on



### Main

Range of Product	125 A Frame EDB-EGB-EJB
Product or Component Type	Miniature circuit-breaker
Device short name	EJB
Module type	E-Frame
Trip unit rating	1800 A

### Complementary

Line Rated Current	50 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
Protection Type	Overload Short-circuit
Trip unit technology	Thermal-magnetic
Breaking capacity code	J
Tightening torque	34.52 Lbf.in (3.9 N.m) 0.00...0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (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)
Net Weight	2 lb(US) (0.91 kg)

### Environment

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

Category	00937-EJB CIRCUIT BREAKERS
Discount Schedule	DE2
GTIN	785901130567
Nbr. of units in pkg.	1
Package weight(Lbs)	20.81 oz (589.988 g)
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
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)

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

## Contractual warranty

Warranty	18 months
----------	-----------