

# Product data sheet

Specifications



Mini circuit breaker, E-Frame, 80A, 3 pole, 480Y/277VAC, 100kA max, bolt on

EJB34080

## Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EJB
Module Type	E-Frame
Trip Unit Rating	2300 A

## Complementary

Rated Current	80 A
Maximum Operating Voltage	480Y/277 V AC
AWG Gauge	AWG 12...AWG 2/0 aluminium cable AWG 14...AWG 2/0 copper cable
Breaking Capacity	65 kA at 277 V AC 100 kA at 240 V AC 65 kA at 480Y/277 V AC 100 kA at 120 V AC 100 kA at 120/240 V AC
Circuit Breaker Application	HACR rated

Electrical Connection	Lugs aluminium
Holding Current	1000 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	3

Number of Poles	3
Number of Spaces	3
Number of Spaces Required	3
Product Destination	NF panelboard
Protect Type	Overload Short-circuit

Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	J
Tightening Torque	3.9 N.m for 2.5...6 mm <sup>2</sup> (AWG 14...AWG 10) 5.6 N.m for 10...70 mm <sup>2</sup> (AWG 8...AWG 2/0)
Height	143.76 mm
Width	74.68 mm

Depth	102.87 mm
Product Weight	1.8 kg

## Environment

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Product Certifications cULus

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Ambient Air Temperature for Operation 40 °C

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## Packing Units

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Unit Type of Package 1 PCE

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Number of Units in Package 1 1

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Package 1 Height 11.684 cm

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Package 1 Width 15.240 cm

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Package 1 Length 24.638 cm

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Package 1 Weight 1.483 kg

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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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	8781af64-acd9-485c-9a86-abcd458e3
REACH Regulation	<a href="#">REACH Declaration</a>

## Use Again

### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No