

# Product data sheet

Specifications



Mini circuit breaker, E-Frame, 25A,  
3 pole, 480Y/277VAC, 25kA max,  
bolt on

EDB34025

## Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EDB
Module Type	E-Frame
Trip Unit Rating	875 A

## Complementary

Rated Current	25 A
Maximum Operating Voltage	480Y/277 V AC
AWG Gauge	AWG 12...AWG 6 aluminium cable AWG 14...AWG 6 copper cable
Breaking Capacity	18 kA at 277 V AC 25 kA at 240 V AC 18 kA at 480Y/277 V AC 25 kA at 120 V AC 25 kA at 120/240 V AC
Circuit Breaker Application	HID rated HACR rated
Electrical Connection	Lugs aluminium
Holding Current	270 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
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	D
Tightening Torque	3.4 N.m for 2.5...16 mm <sup>2</sup> (AWG 14...AWG 6)
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 11.430 cm

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Package 1 Width 15.748 cm

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Package 1 Length 24.638 cm

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Package 1 Weight 1.645 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

Total lifecycle Carbon footprint **59**

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Pro-active compliance (Product out of EU RoHS legal scope)**

SCIP Number **8781af64-acd9-485c-9a86-abcd9bd458e3**

REACH Regulation [REACH Declaration](#)

### Use Again

#### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back **No**