

Product data sheet

Specifications



Mini circuit breaker, E-Frame, 125A, 3 pole, 480Y/277VAC, 25kA max, bolt on

EDB34125

Main

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

Complementary

Rated Current	125 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	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	HACR rated
Electrical Connection	Lugs aluminium
Holding Current	1000 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	3.9 N.m for 2.5...6 mm ² (AWG 14...AWG 10) 5.6 N.m for 10...70 mm ² (AWG 8...AWG 2/0)
Height	143.76 mm
Width	74.68 mm
Depth	102.87 mm
Product Weight	1.8 kg

Environment

Product Certifications	cULus
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Ambient Air Temperature for Operation	40 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	13.970 cm
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Package 1 Width	17.780 cm
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Package 1 Length	25.400 cm
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Package 1 Weight	1.588 kg
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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

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](#) Compliant with Exemptions

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

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

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

Take-back No