

Product data sheet

Specifications



Mini circuit breaker, E-Frame, 70A,
3 pole, 480Y/277VAC, 25kA max,
bolt on

EDB34070

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EDB
Module Type	E-Frame
Trip Unit Rating	1800 A

Complementary

Rated Current	70 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	630 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 mm² (AWG 14...AWG 10) 5.6 N.m for 10...70 mm² (AWG 8...AWG 2/0)
Height	143.76 mm
Width	74.68 mm
Depth	102.87 mm
Product Weight	1.8 kg

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

Environment

Product Certifications	cULus
Ambient Air Temperature for Operation	40 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.240 cm
Package 1 Width	22.860 cm
Package 1 Length	25.400 cm
Package 1 Weight	1.565 kg

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	Pro-active compliance (Product out of EU RoHS legal scope)

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No