Product data sheet

Specifications

Mini circuit breaker, E-Frame, 20A, 2 pole, 480Y/277VAC, 25kA max, bolt on

EDB24020

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	20 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	2
Number of Spaces	2
Number of Spaces Required	2
Product Destination	NF panelboard
Protect Type	Short-circuit Overload
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	D
Tightening Torque	3.4 N.m for 2.5…16 mm² (AWG 14...AWG 6)
Height	143.76 mm
Width	49.78 mm
Depth	102.87 mm
Product Weight	1.4 kg

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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	9.398 cm
Package 1 Width	15.748 cm
Package 1 Length	24.892 cm
Package 1 Weight	1.202 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	**57**
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-abcdfbd458e3**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
Take-back	**No**