Product data sheet

Specifications

Mini circuit breaker, E-Frame, 20A, 1 pole, 277 VAC, 25 kA max, bolt on

EDB14020

Main

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

Complementary

[In] Rated Current	20 A
Maximum Operating Voltage	277 V AC
Awg Gauge	AWG 12...AWG 6 aluminum AWG 14...AWG 6 copper
Breaking Capacity	18 kA 277 V AC 18 kA 240 V AC 25 kA 120 V AC 18 kA 120/240 V AC
Circuit Breaker Application	HID rated Switching Duty rated HACR rated
Electrical Connection	Lugs aluminum
Holding Current	270 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number Of Poles	1
Number Of Spaces	1
Number Of Spaces Required	1
Product Destination	NF panelboard
Protection Type	Short-circuit Overload
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	D
Tightening Torque	30.09 lbf.in (3.4 N.m) 0.00…0.02 in² (2.5…16 mm²) AWG 14...AWG 6)
Height	5.66 in (143.76 mm)
Width	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Net Weight	2 lb(US) (0.91 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 IEC
Ambient Air Temperature For Operation	104 °F (40 °C)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.80 in (4.572 cm)
Package 1 Width	6.10 in (15.494 cm)
Package 1 Length	10.20 in (25.908 cm)
Package 1 Weight	21.16 oz (600.0 g)
Unit Type Of Package 2	PAL
Number Of Units In Package 2	200
Package 2 Height	40.00 in (101.6 cm)
Package 2 Width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	278.00 lb(US) (126.099 kg)

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information