

# Product data sheet

## Characteristics

# EDB14020EPDBA

Mini circuit breaker, E-Frame, 20A, 1 pole, 277VAC, 25kA max, bolt on, 30mA ground fault protection, alarm switch



### Main

Range of Product	125 A Frame EDB-EGB-EJB
Product or Component Type	Miniature circuit-breaker
Device short name	EDB
Earth-leakage protection class	Class B
Module type	E-Frame
Trip unit rating	875 A

### Complementary

Line Rated Current	20 A
Maximum operating voltage	277 V AC
AWG gauge	AWG 14...AWG 6 copper AWG 12...AWG 4 aluminium
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	HACR rated HID rated Switching Duty rated
Earth-leakage sensitivity	30 mA
Electrical connection	Lugs aluminium
Holding Current	270 A
Local signalling	Trip indicator
Mounting Mode	Bolt-on
Number of poles	1
Number of spaces	2
Number of spaces required	2
Product destination	NF panelboard
Protection Type	Overload Short-circuit
Device Composition	Alarm switch
Trip unit technology	Thermal-magnetic
Breaking capacity code	D
Tightening torque	30.09 lbf.in (3.4 N.m) 0.004...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) (AWG 14...AWG 6)
Height	6.64 in (168.66 mm)
Width	1.96 in (49.78 mm)
Depth	4.05 in (102.87 mm)
Net Weight	2 lb(US) (0.9 kg)

### Environment

Product Certifications	IEC[RETURN]cULus
Ambient Air Temperature for Operation	104 °F (40 °C)

## Ordering and shipping details

Category	US10DE200946
Discount Schedule	0DE2
GTIN	785901449515
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.50 in (6.35 cm)
Package 1 Width	5.50 in (13.97 cm)
Package 1 Length	7.200 in (18.288 cm)
Package 1 Weight	33.0 oz (934.4 g)

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes

## Contractual warranty

Warranty	18 months
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