

# Product data sheet

## Characteristics

### EDB34090

Mini circuit breaker, E-Frame, 90A, 3 pole,  
480Y/277VAC, 25kA max, bolt on



#### 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	2300 A

#### Complementary

Line Rated Current	90 A
Maximum operating voltage	480Y/277 V AC
AWG gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking capacity	18 KA 277 V AC 25 KA 240 V AC 18 KA 480Y/277 V AC 25 KA 120 V AC 25 kA 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
Protection Type	Overload Short-circuit
Trip unit technology	Thermal-magnetic
Breaking capacity code	D
Tightening torque	34.5 Lbf.in (3.9 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)
Width	2.94 in (74.68 mm)
Depth	4.05 in (102.87 mm)
Net Weight	4 lb(US) (1.8 kg)

#### Environment

Product Certifications	cULus
Ambient Air Temperature for Operation	104 °F (40 °C)

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## Ordering and shipping details

Category	US10DE200931
Discount Schedule	0DE2
GTIN	785901875376
Returnability	Yes
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.7 in (11.9 cm)
Package 1 Width	6.1 in (15.5 cm)
Package 1 Length	9.8 in (24.9 cm)
Package 1 Weight	3.57 lb(US) (1.62 kg)

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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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