

# Product data sheet

## Characteristics

# EDB34050

E Frame, circuit breaker, 50 A, 3 pole,  
480Y/277 V, 18/25 kA, bolt on



Product availability: Stock - Normally stocked in distribution facility



## 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	1800 A

## Complementary

Line Rated Current	50 A
System 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 18 kA 480Y/277 V AC 25 kA 120 V AC 25 kA 120/240 V AC 25 kA 240 V AC
Circuit breaker application	HID rated HACR rated
Depth	4.05 in
Electrical connection	Lugs aluminium
Height	5.66 in
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	Panelboard NF
Product weight	4 lb(US)
Protection type	Overload Short-circuit
Width	2.94 in
Trip unit technology	Thermal-magnetic
Breaking capacity code	D
Tightening torque	3.9 N.m 0...0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0)

## Environment

Product certifications	cULus
Ambient air temperature for operation	104 °F (40 °C)

## Ordering and shipping details

Category	00931 - EDB CIRCUIT BREAKERS
Discount Schedule	DE2
GTIN	00785901875314
Nbr. of units in pkg.	1
Package weight(Lbs)	3.6299999999999999
Returnability	Y
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1423 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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