

EDB14050EPDBA

Mini circuit breaker, E-Frame, 50A, 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	1800 A

Complementary

Line Rated Current	50 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
Earth-leakage sensitivity	30 mA
Electrical connection	Lugs aluminium
Holding Current	630 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	34.52 Lbf.in (3.9 N.m) 0.00...0.01 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 in ² (10...70 mm ²) (AWG 8...AWG 2/0)
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) (0.91 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	785901562603
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	7.20 in (18.288 cm)
Package 1 Length	5.60 in (14.224 cm)
Package 1 Weight	33.60 oz (952.544 g)

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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