

EDB14050EPD

Mini circuit breaker, E-Frame, 50A, 1 pole, 277 VAC, 25 kA max, bolt on, 30 mA ground fault protection



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	HID rated HACR rated
Maximum Depth	4.05 in (102.87 mm)
Earth-leakage sensitivity	30 mA
Electrical connection	Lugs aluminium
Height	6.64 in (168.66 mm)
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
Net Weight	2 lb(US) (0.91 kg)
Protection type	Short-circuit Overload
Width	1.96 in (49.78 mm)
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)

Environment

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

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Ordering and shipping details

Category	00946-EDB - EPD BREAKERS
Discount Schedule	DE2
GTIN	00785901583622
Package weight(Lbs)	33.60 oz (952.544 g)
Returnability	No
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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