

Product data sheet

Characteristics

EDB36090

Mini circuit breaker, E-Frame, 90A, 3 pole,
600Y/347 VAC, 25 kA max, bolt on



Main

Range of product	125 A Frame EDB-EGB-EJB
Product or component type	Circuit-breaker
Device short name	EDB
Module type	E-Frame
Trip unit rating	2300 A

Complementary

Line Rated Current	90 A
Maximum operating voltage	600Y/347 V AC
AWG gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking capacity	14 kA 600Y/347 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	Short-circuit Overload
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	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) (1.81 kg)

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	00785901235521
Nbr. of units in pkg.	1
Package weight(Lbs)	3.46 lb(US) (1.57 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Package 1 Height	4.50 in (11.430 cm)
Package 1 width	6.10 in (15.494 cm)
Package 1 Length	9.70 in (24.638 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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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