

Product data sheet

Characteristics

EGB14045

Mini circuit breaker, E-Frame, 45A, 1 pole, 277 VAC, 65 kA max, bolt on

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 382.50 USD



Main

Range of product	125 A Frame EDB-EGB-EJB
Product or component type	Miniature circuit-breaker
Device short name	EGB
Module type	E-Frame
Trip unit rating	1800 A

Complementary

Line Rated Current	45 A
Maximum operating voltage	277 V AC
AWG gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking capacity	35 kA 277 V AC 35 kA 240 V AC 65 kA 120 V AC 35 kA 120/240 V AC
Circuit breaker application	HACR rated HID rated
Electrical connection	Lugs aluminium
Holding current	630 A
Local signalling	Trip indicator
Mounting mode	Bolt-on
Number of poles	1
Number of spaces	1
Number of spaces required	1
Product destination	NF panelboard
Protection type	Short-circuit

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	Overload
Trip unit technology	Thermal-magnetic
Breaking capacity code	G
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	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Net Weight	2 lb(US) (0.91 kg)

Environment

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

Ordering and shipping details

Category	00936 - EGB CIRCUIT BREAKERS
Discount Schedule	DE2
GTIN	00785901130024
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	Yes
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 Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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Technical drawings of the 1000 Series 1/2" components, showing dimensions in inches (in.) and millimeters (mm).

Top Row (Left): Single unit. Dimensions: .94 (24) top flange, 3.32 (84) main body, 1.24 (31) bottom flange, .98 (25) base width.

Top Row (Middle): Dual unit. Dimensions: 5.66 (144) total height, 3.98 (101) main body, 0.98 (25) base width per unit, 1.96 (50) total base width.

Top Row (Right): Triple unit. Dimensions: 5.80 (147) total height, 2.94 (75) total base width.

Right Side View: Dimensions: 4.39 (111) total height, 3.09 (78) main body, 3.19 (81) main body, 3.43 (87) main body, 4.05 (103) total height.

Bottom Row (Left): Single unit. Dimensions: 2.51 (64) main body, 0.58 (15) base width.

Bottom Row (Middle): Dual unit. Dimensions: 3.09 (78) main body, 0.49 (12) base width per unit.

Bottom Row (Right): Triple unit. Dimensions: 3.53 (90) main body, 1.47 (37) base width per unit.

Legend: in. mm

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