Product data sheet

Specifications

[TAA] Mini circuit breaker, E-Frame, 100A, 3 pole, 480Y/277VAC, 65kA max, bolt on, shunt trip

EGB34100SA

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

Price*: 2,047.00 USD

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Miniature circuit-breaker
Device Short Name	EGB
Module Type	E-Frame
Trip Unit Rating	2300 A

Complementary

Rated Current	100 A
Maximum Operating Voltage	480Y/277 V AC
AWG Gauge	AWG 12...AWG 2/0 aluminium AWG 14...AWG 2/0 copper
Breaking Capacity	35 kA 277 V AC 65 kA 240 V AC 35 kA 480Y/277 V AC 65 kA 120 V AC 65 kA 120/240 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	4
Number of Spaces Required	4
Product Destination	NF panelboard
Protect Type	Overload Short-circuit
Device Composition	Shunt trip
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	G
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004…0.009 in² (2.5…6 mm²) (AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02…0.1 in² (10…70 mm²) (AWG 8...AWG 2/0)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Height	5.66 in (143.76 mm)
Width	3.92 in (99.57 mm)
Depth	4.05 in (102.87 mm)
Product Weight	4 lb(US) (1.8 kg)

Environment

Product Certifications	cULus
Ambient Air Temperature for Operation	104 °F (40 °C)

Ordering and shipping details

Category	US10DE200936
Discount Schedule	0DE2
GTIN	785901159483
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.30 in (16.002 cm)
Package 1 Width	6.20 in (15.748 cm)
Package 1 Length	9.90 in (25.146 cm)
Package 1 Weight	4.17 lb(US) (1.89 kg)

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	8781af64-acd9-485c-9a86-abcdfbd458e3
China RoHS Regulation	China RoHS declaration

Use Again

Repack and remanufacture

Take-back	No