

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 25A, 2 pole, 480Y/277 VAC, 65 kA max, bolt on

EGB24025

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 | 875 A |

Complementary

| | |
|-----------------------------|---|
| [In] Rated Current | 25 A |
| Maximum Operating Voltage | 480Y/277 V AC |
| Awg Gauge | AWG 12...AWG 6 aluminum AWG 14...AWG 6 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 HID rated |
| Electrical Connection | Lugs aluminum |
| Holding Current | 270 A |
| Local Signalling | Trip indicator |
| Mounting Mode | Bolt-on |
| Number Of Poles | 2 |
| Number Of Spaces | 2 |
| Number Of Spaces Required | 2 |
| Product Destination | NF panelboard |
| Protection Type | Short-circuit Overload |
| Trip Unit Technology | Thermal-magnetic |
| Breaking Capacity Code | G |
| Tightening Torque | 30.09 lbf.in (3.4 N.m) 0.00...0.02 in² (2.5...16 mm²) AWG 14...AWG 6) |
| Height | 5.66 in (143.76 mm) |
| Width | 1.96 in (49.78 mm) |
| Depth | 4.05 in (102.87 mm) |
| Net Weight | 3 lb(US) (1.36 kg) |

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

Environment

| | |
|---------------------------------------|----------------|
| Product Certifications | cULus |
| Ambient Air Temperature For Operation | 104 °F (40 °C) |

Packing Units

| | |
|------------------------------|-----------------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 3.70 in (9.398 cm) |
| Package 1 Width | 6.00 in (15.24 cm) |
| Package 1 Length | 9.80 in (24.892 cm) |
| Package 1 Weight | 2.47 lb(US) (1.12 kg) |

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)

Well-being performance

| | |
|--|---|
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |