

EGB34040

Mini circuit breaker, E-Frame, 40A, 3 pole,  
480Y/277 VAC, 65 kA max, bolt on



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          | 40 A                                                                                                                                                                                               |
| Maximum operating voltage   | 480Y/277 V AC                                                                                                                                                                                      |
| AWG gauge                   | AWG 12...AWG 2/0 aluminium<br>AWG 14...AWG 2/0 copper                                                                                                                                              |
| Breaking capacity           | 35 KA 277 V AC<br>65 KA 240 V AC<br>35 KA 480Y/277 V AC<br>65 KA 120 V AC<br>65 kA 120/240 V AC                                                                                                    |
| Circuit breaker application | HID rated<br>HACR rated                                                                                                                                                                            |
| Electrical connection       | Lugs aluminium                                                                                                                                                                                     |
| Holding Current             | 630 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             | Overload<br>Short-circuit                                                                                                                                                                          |
| Trip unit technology        | Thermal-magnetic                                                                                                                                                                                   |
| Breaking capacity code      | G                                                                                                                                                                                                  |
| Tightening torque           | 34.52 Lbf.in (3.9 N.m) 0.00...0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10)<br>49.56 Lbf.in (5.6 N.m) 0.02...0.11 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (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) |

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## Ordering and shipping details

|                   |                            |
|-------------------|----------------------------|
| Category          | 00936-EGB CIRCUIT BREAKERS |
| Discount Schedule | DE2                        |
| GTIN              | 785901311171               |
| Returnability     | Yes                        |
| Country of origin | MX                         |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 4.61 in (11.7 cm)     |
| Package 1 Width              | 6.18 in (15.7 cm)     |
| Package 1 Length             | 9.80 in (24.9 cm)     |
| Package 1 Weight             | 3.55 lb(US) (1.61 kg) |

## Offer Sustainability

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           |  <a href="#">REACH Declaration</a>      |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                               |
| Mercury free               | Yes                                                                                                                      |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a> |
| RoHS exemption information |  <a href="#">Yes</a>                    |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|