

# Product data sheet

## Characteristics

# EGB34035

Mini circuit breaker, E-Frame, 35A, 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          | 35 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              | 785901311164               |
| Returnability     | No                         |
| Country of origin | MX                         |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 4.69 in (11.9 cm)     |
| Package 1 Width              | 6.10 in (15.5 cm)     |
| Package 1 Length             | 9.80 in (24.9 cm)     |
| Package 1 Weight             | 3.59 lb(US) (1.63 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 |
|----------|-----------|