

# Product data sheet

## Characteristics

# EJB34050SA

Mini circuit breaker, E-Frame, 50A, 3 pole, 480Y/277VAC, 100kA max, bolt on, shunt trip



### Main

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

### Complementary

|                             |   |
|-----------------------------|---|
| Line Rated Current          | 50 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           | 65 KA 277 V AC<br>100 KA 240 V AC<br>65 KA 480Y/277 V AC<br>100 KA 120 V AC<br>100 kA 120/240 V AC  |
| Circuit breaker application | HACR rated<br>HID rated   |
| Electrical connection       | Lugs aluminium  |
| Holding Current             | 630 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   |
| Protection Type             | Short-circuit<br>Overload   |
| Device Composition          | Shunt trip  |
| Trip unit technology        | Thermal-magnetic  |
| Breaking capacity code      | J   |
| Tightening torque           | 34.5 Lbf.in (3.9 N.m) 0.004...0.009 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) (AWG 14...AWG 10)<br>49.6 lbf.in (5.6 N.m) 0.02...0.1 in <sup>2</sup> (10...70 mm <sup>2</sup> ) (AWG 8...AWG 2/0) |
| Height                      | 5.66 in (143.76 mm)   |
| Width                       | 3.92 in (99.57 mm)  |
| Depth                       | 4.05 in (102.87 mm)   |
| Net Weight                  | 4 lb(US) (1.8 kg)   |

### Environment

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

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## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US10DE200937 |
| Discount Schedule | 0DE2         |
| GTIN              | 785901648659 |
| Returnability     | No           |
| Country of origin | MX           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 6.300 in (16.002 cm)  |
| Package 1 Width              | 6.200 in (15.748 cm)  |
| Package 1 Length             | 9.900 in (25.146 cm)  |
| Package 1 Weight             | 4.34 lb(US) (1.97 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 |
|----------|-----------|