

# Product data sheet

## Characteristics

# EJB36080

Mini circuit breaker, E-Frame, 80A, 3 pole,  
600Y/347 VAC, 100 kA max, bolt on



### Main

|                           |                         |
|---------------------------|-------------------------|
| Range of Product          | 125 A Frame EDB-EGB-EJB |
| Product or Component Type | Circuit-breaker         |
| Device short name         | EJB                     |
| Module type               | E-Frame                 |
| Trip unit rating          | 2300 A                  |

### Complementary

|                             |                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current          | 80 A                                                                                                                                                                                               |
| Maximum operating voltage   | 600Y/347 V AC                                                                                                                                                                                      |
| AWG gauge                   | AWG 12...AWG 2/0 aluminium<br>AWG 14...AWG 2/0 copper                                                                                                                                              |
| Breaking capacity           | 25 kA 600Y/347 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            | 3                                                                                                                                                                                                  |
| Number of spaces required   | 3                                                                                                                                                                                                  |
| Product destination         | NF panelboard                                                                                                                                                                                      |
| Protection Type             | Short-circuit<br>Overload                                                                                                                                                                          |
| Trip unit technology        | Thermal-magnetic                                                                                                                                                                                   |
| Breaking capacity code      | J                                                                                                                                                                                                  |
| 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) |

### Ordering and shipping details

|                   |                            |
|-------------------|----------------------------|
| Category          | 00937-EJB CIRCUIT BREAKERS |
| Discount Schedule | DE2                        |
| GTIN              | 785901256779               |
| Returnability     | Yes                        |
| Country of origin | MX                         |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 4.80 in (12.192 cm)    |
| Package 1 Width              | 6.20 in (15.748 cm)    |
| Package 1 Length             | 9.90 in (25.146 cm)    |
| Package 1 Weight             | 3.45 lb(US) (1.565 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 |
|----------|-----------|