

# Product data sheet

## Characteristics

# EDB16070

Mini circuit breaker, E-Frame, 70A, 1 pole, 600Y/347 VAC, 25 kA max, bolt on



### Main

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

### Complementary

|                             |  |
|-----------------------------|--|
| Line Rated Current          | 70 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           | 14 kA 600Y/347 V AC  |
| Circuit breaker application | HACR rated   |
| Electrical connection       | Lugs aluminium   |
| Holding Current             | 630 A  |
| Local signalling            | Trip indicator   |
| Mounting Mode               | Bolt-on  |
| Number of poles             | 1  |
| Number of spaces            | 1  |
| Number of spaces required   | 1  |
| Product destination         | NF panelboard  |
| Protection Type             | Overload<br>Short-circuit  |
| Trip unit technology        | Thermal-magnetic   |
| Breaking capacity code      | D  |
| 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                       | 0.98 in (24.89 mm)   |
| Depth                       | 4.05 in (102.87 mm)  |
| Net Weight                  | 2 lb(US) (0.91 kg)   |

### Environment

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

### Ordering and shipping details

|                   |                            |
|-------------------|----------------------------|
| Category          | 00931-EDB CIRCUIT BREAKERS |
| Discount Schedule | DE2                        |
| GTIN              | 3606486143339              |
| Returnability     | Yes                        |
| Country of origin | MX                         |

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type of Package 1       | PCE                |
| Number of Units in Package 1 | 1                  |
| Package 1 Height             | 5.67 in (14.4 cm)  |
| Package 1 Width              | 0.98 in (2.5 cm)   |
| Package 1 Length             | 4.06 in (10.3 cm)  |
| Package 1 Weight             | 20.81 oz (590.0 g) |

## 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 |
|----------|-----------|