

Product data sheet

Characteristics

EDB36100

Mini circuit breaker, E-Frame, 100A, 3 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 | 2300 A |

Complementary

| | |
|-----------------------------|--|
| Line Rated Current | 100 A |
| Maximum operating voltage | 600Y/347 V AC |
| AWG gauge | AWG 12...AWG 2/0 aluminium 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 | 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 | Overload 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 ² (2.5...6 mm ²) (AWG 14...AWG 10) 49.56 lbf.in (5.6 N.m) 0.02...0.11 in ² (10...70 mm ²) (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

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

Ordering and shipping details

| | |
|-------------------|--------------|
| Category | US10DE200931 |
| Discount Schedule | 0DE2 |
| GTIN | 785901296386 |
| 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 (12.2 cm) |
| Package 1 Width | 6.18 in (15.7 cm) |
| Package 1 Length | 9.80 in (24.9 cm) |
| Package 1 Weight | 3.59 lb(US) (1.63 kg) |

Offer Sustainability

| | |
|----------------------------|--|
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |

Contractual warranty

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