

# Product data sheet

## Characteristics

# EDB24035SA

Mini circuit breaker, E-Frame, 35A, 2 pole,  
480Y/277 VAC, 25 kA max, bolt on, shunt trip



Price\* : 1,291.00 USD



## Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | 125 A Frame EDB-EGB-EJB   |
| Product or component type | Miniature circuit-breaker |
| Device short name         | EDB                       |
| 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           | 18 kA 277 V AC<br>25 kA 240 V AC<br>18 kA 480Y/277 V AC<br>25 kA 120 V AC<br>25 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             | 2                                                                                               |
| Number of spaces            | 3                                                                                               |
| Number of spaces required   | 3                                                                                               |
| Product destination         | NF panelboard                                                                                   |
| Protection type             | Overload                                                                                        |

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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|                        |                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Short-circuit                                                                                                                                                                                      |
| Device composition     | Shunt trip                                                                                                                                                                                         |
| 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                  | 2.94 in (74.68 mm)                                                                                                                                                                                 |
| Depth                  | 4.05 in (102.87 mm)                                                                                                                                                                                |
| Net Weight             | 3 lb(US) (1.36 kg)                                                                                                                                                                                 |

## Environment

|                                       |                |
|---------------------------------------|----------------|
| Product certifications                | CULus          |
| Ambient air temperature for operation | 104 °F (40 °C) |

## Ordering and shipping details

|                     |                            |
|---------------------|----------------------------|
| Category            | 00931-EDB CIRCUIT BREAKERS |
| Discount Schedule   | DE2                        |
| Package weight(Lbs) | 3.17 lb(US) (1.440 kg)     |
| Returnability       | No                         |
| Country of origin   | MX                         |

## Offer Sustainability

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                      |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                       |
| Mercury free               | Yes                                                                                                                    |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                    |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information. |