

# Product data sheet

## Characteristics

# EDB14045

E-Frame Brkr 45A, 1P, 277V, 18/25kA, Bolt-on  
Mnt

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\* : 150.00 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          | 45 A                                                                     |
| System Voltage              | 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>18 kA 240 V AC<br>25 kA 120 V AC<br>18 kA 120/240 V AC |
| Circuit breaker application | HACR rated<br>HID rated                                                  |
| Depth                       | 4.05 in                                                                  |
| Electrical connection       | Lugs                                                                     |
| Height                      | 5.66 in                                                                  |
| 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         | Panelboard NF                                                            |

|                        |                           |
|------------------------|---------------------------|
| Product weight         | 2 lb(US)                  |
| Protection type        | Short-circuit<br>Overload |
| Width                  | 0.98 in                   |
| Trip unit technology   | Thermal-magnetic          |
| Breaking capacity code | D                         |

## Environment

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

## Ordering and shipping details

|                       |                              |
|-----------------------|------------------------------|
| Category              | 00931 - EDB CIRCUIT BREAKERS |
| Discount Schedule     | DE2                          |
| GTIN                  | 00785901335139               |
| Nbr. of units in pkg. | 1                            |
| Package weight(Lbs)   | 1.3200000000000001           |
| Returnability         | Y                            |
| Country of origin     | MX                           |

## Offer Sustainability

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 1423 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available                                                                                                                             |
| Product end of life instructions | Need no specific recycling operations                                                                                                 |

## Contractual warranty

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