# Product data sheet

Specifications



## Mini circuit breaker, QO, 50A, 2 pole, 120/240VAC, 10kA, bolt on

QOB250

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Product** | Miniature circuit-breaker |
| **Range** | QO |
| **Current Rating** | 50 A |
| **Voltage Rating** | 120/240 V AC<br>120 V AC |
| **Mounting Type** | Bolt-on |
| **Number of Poles** | 2P |
| **Circuit Breaker Type** | Standard |
| **Ratings** | HACR rated |
| **Electrical Connection** | Pressure plate |

## Complementary

| | |
|---|---|
| **Interrupt Rating** | 10 kA 120/240 V AC<br>10 kA 120 V AC |
| **Number of Panel Spaces** | 2 |
| **Wire Size** | 8 AWG...2 AWG copper or aluminium |
| **Tightening Torque** | 44.3 lbf.in (5 N.m) |
| **Height** | 3.1 in (79 mm) |
| **Width** | 1.5 in (38 mm) |
| **Depth** | 2.9 in (74 mm) |
| **Net Weight** | 0.549 lb(US) (0.249 kg) |

## Environment

| | |
|---|---|
| **Certifications** | UL Listed<br>CSA |
| **Ambient Rating** | 104 °F (40 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10DE200015 |
| **Discount Schedule** | 0DE2 |
| **GTIN** | 785901416982 |
| **Returnability** | Yes |
| **Country of origin** | MX |

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 1.50 in (3.81 cm) |
| **Package 1 Width** | 3.300 in (8.382 cm) |
| **Package 1 Length** | 3.50 in (8.89 cm) |
| **Package weight(Lbs)** | 4.000 oz (113.398 g) |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 5 |
| **Package 2 Height** | 3.400 in (8.636 cm) |
| **Package 2 Width** | 2.700 in (6.858 cm) |
| **Package 2 Length** | 7.700 in (19.558 cm) |
| **Package 2 Weight** | 2.961 lb(US) (1.343 kg) |
| **Unit Type of Package 3** | CAR |
| **Number of Units in Package 3** | 50 |
| **Package 3 Height** | 8.100 in (20.574 cm) |
| **Package 3 Width** | 7.600 in (19.304 cm) |
| **Package 3 Length** | 17.200 in (43.688 cm) |
| **Package 3 Weight** | 30.351 lb(US) (13.767 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **6 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.7 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **5 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.1 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **Af42fb01-813d-40c0-ae28-b8b3299dbc99** |
| EU RoHS Directive | Compliant |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| California proposition 65 | **WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov** |
| Halogen content performance | **Halogen free product** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **32** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |

Image of product / Alternate images

**Alternative**







I/ON
50
10 kA





