

# Product data sheet

Specifications



Mini circuit breaker, QO, 80A, 2 pole, 120/240VAC, 10kA, plug in

QO280

Product availability: Stock - Normally stocked in distribution facility

## Main

|                       |                           |
|-----------------------|---------------------------|
| Product               | Miniature circuit-breaker |
| Range                 | QO                        |
| Current Rating        | 80 A                      |
| Voltage Rating        | 120/240 V AC<br>120 V AC  |
| Mounting Type         | Plug-in                   |
| 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              | AWG 4...AWG 2/0 copper or aluminium  |
| Tightening Torque      | 49.6 lbf.in (5.6 N.m)                |
| Height                 | 3.5 in (89 mm)                       |
| Width                  | 1.5 in (38 mm)                       |
| Depth                  | 2.9 in (74 mm)                       |
| Product Weight         | 0.701 lb(US) (0.318 kg)              |

## Environment

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

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1DE2A00104 |
| Discount Schedule | DE2A         |
| GTIN              | 785901501329 |
| 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             | 1.500 in (3.810 cm)       |
| Package 1 Width              | 3.500 in (8.890 cm)       |
| Package 1 Length             | 3.700 in (9.398 cm)       |
| Package weight(Lbs)          | 11.360 oz (322.050 g)     |
| Unit Type of Package 2       | CAR                       |
| Number of Units in Package 2 | 51                        |
| Package 2 Height             | 4.000 in (10.160 cm)      |
| Package 2 Width              | 14.000 in (35.560 cm)     |
| Package 2 Length             | 20.800 in (52.832 cm)     |
| Package 2 Weight             | 36.599 lb(US) (16.601 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                       | 19 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 17 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## 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                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                         |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                            |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Cadmium and cadmium compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free product                                                                                                                                                                                                                                                                              |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                          |
|-------------------------------|------------------------------------------|
| Recyclability potential, in % | 0                                        |
| Circularity Profile           | No need of specific recycling operations |
| Take-back                     | No                                       |

Technical Illustration

Dimensions

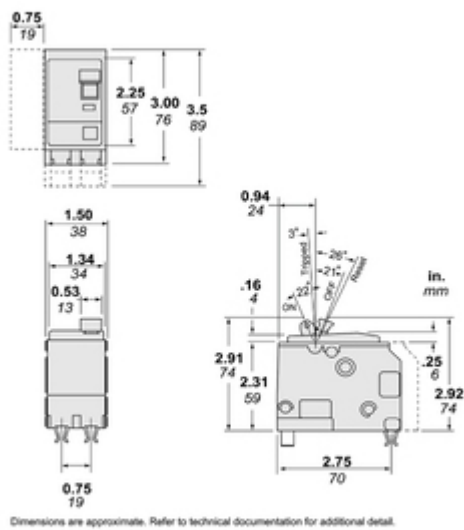


Image of product / Alternate images

Alternative

Technical Benefits

Thermal Magnetic Breaker



Miniature circuit breaker rated at 80A



Protects against overloads and short-circuits



Easy plug on circuit breaker that's compatible with Square D™ QO Loadcenters



The current capacity that this circuit breaker is able to interrupt before breaking is 10kA



Quickly identify tripped breakers with our Visi-Trip indicator



Compatible with QO electrical panels and CSEDs with 2 spaces



Compatible products

QO 80 Amp 2 Pole Circuit Breaker

MFG Model Number: QO280CP





Compatible with Square D QO electrical panels, CSED with 2 spaces



HLO1CP



PK2MBCP



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Schneider Electric

5



