

# Product data sheet

Specifications

SQUARE D



## Mini circuit breaker, QO, 70A, 2 pole, 120/240VAC, 10kA, plug in

QO270

Product availability: Stock - Normally stocked in distribution facility

### Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	70 A
Voltage Rating	120/240 V AC 120 V AC
Mounting Type	Plug-in
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Box lugs

### Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	AWG 8...AWG 2 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)
Product Weight	0.600 lb(US) (0.272 kg)

### Environment

Certifications	UL Listed CSA
Ambient Rating	104 °F (40 °C)

### Ordering and shipping details

Category	US1DE2A00104
Discount Schedule	DE2A
GTIN	785901400585
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.

## 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	3.200 in (8.128 cm)
Package 1 Length	3.200 in (8.128 cm)
Package weight(Lbs)	9.6 oz (272.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.300 in (8.382 cm)
Package 2 Width	2.700 in (6.858 cm)
Package 2 Length	7.700 in (19.558 cm)
Package 2 Weight	2.941 lb(US) (1.334 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	20
Package 3 Height	8.100 in (20.574 cm)
Package 3 Width	6.900 in (17.526 cm)
Package 3 Length	7.400 in (18.796 cm)
Package 3 Weight	12.200 lb(US) (5.534 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 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: Nickel (Metallic), which is known to the State of California to cause cancer. 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



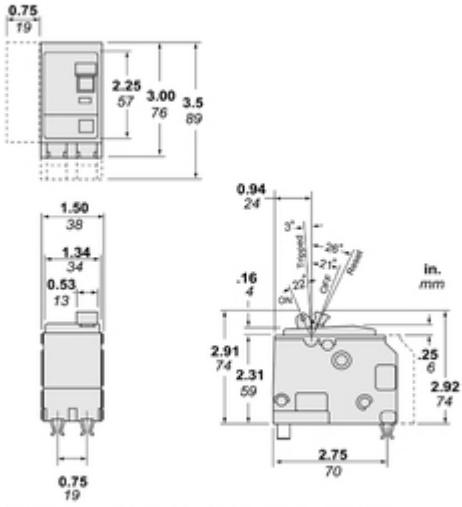
### Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	No need of specific recycling operations
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions

---



Dimensions are approximate. Refer to technical documentation for additional detail.

Image of product / Alternate images

Alternative

---

### Technical Benefits Thermal Magnetic Breaker



Miniature circuit breaker rated at 70A



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 35 Amp 2 Pole Circuit Breaker

MFG Model Number: QO235CP



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



HL01CP

QO1HPLCP

**Compatible products**

**QO 70 Amp 2 Pole  
Circuit Breaker**  
MFG Model Number: QO270CP



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



HLO1CP



PK2MBCP

