

Product data sheet

Specifications



Mini circuit breaker, QO, 90A, 2 pole, 120/240VAC, 10kA, plug in

QO290

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	90 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	Pressure plate

Complementary

Interrupt Rating	10 kA 120/240 V AC 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	0.800 lb(US) (0.363 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A00104
Discount Schedule	DE2A
GTIN	785901501312
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	1.600 in (4.064 cm)
Package 1 Width	3.500 in (8.890 cm)
Package 1 Length	3.800 in (9.652 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	14.600 in (37.084 cm)
Package 2 Length	21.100 in (53.594 cm)
Package 2 Weight	36.464 lb(US) (16.540 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	20 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	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: 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 www.P65Warnings.ca.gov
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

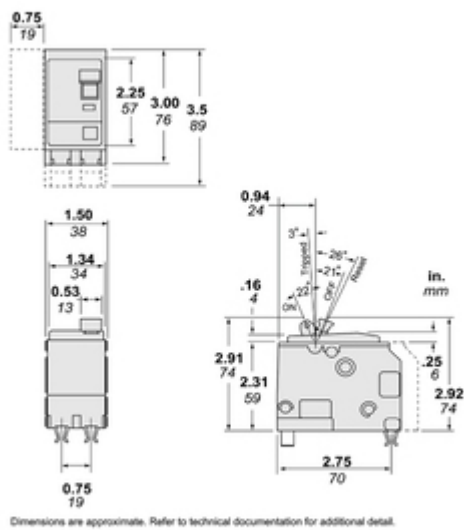


Image of product / Alternate images

Alternative

Technical Benefits

Thermal Magnetic Breaker



Miniature circuit breaker rated at 90A



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



3.5 in

2.9 in

1.5 in

MFG Model Number
QO290CP

Jun 29, 2026

Schneider Electric

5

Compatible products

QO 90 Amp 2 Pole
Circuit Breaker
MFG Model Number: QO290CP





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



HL01CP



PK2MBCP





