

# Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT Q, 100A, 2 pole, 240VAC, 10kA, lugs, thermal magnetic, 80%, bottom of panel

QBP22100TM

Product availability: Stock - Normally stocked in distribution facility

## Main

Range	PowerPact
Product name	PowerPact Q
Product or Component Type	Circuit breaker
Device Application	Distribution

## Complementary

Line Rated Current	100 A
Number of Poles	2P
Control Type	Operating handle
Breaking capacity code	B
Breaking capacity	10 kA 120/208 V AC 50/60 Hz UL 10 kA 240 V AC 50/60 Hz UL
[Ue] rated operational voltage	240 V AC 50/60 Hz UL
Network Frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV UL
Trip unit technology	Thermal-magnetic
Magnetic tripping current	2400 A
Magnetic hold current	1200 A
Continuous current rating	80 %
Utilisation category	Category A
Mechanical durability	1000 cycles loaded 5000 cycles no load
Local signalling	1 trip indicator green)
Mounting mode	Unit mount lug)
Mounting Support	Lug
Electrical connection	Terminal nut, line Lugs, load
Tightening torque	247.8 lbf.in (28 N.m) 0.04...0.2 in <sup>2</sup> (25...150 mm <sup>2</sup> ) (AWG 4...300 kcmil)
Power wire stripping length	0.9 in (22 mm)
Height	6.47 in (164.34 mm)
Width	3 in (76.2 mm)

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

<b>Depth</b>	3.93 in (99.82 mm)
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Standards</b>	UL CSA NEMA NOM-003-SCFI-2000
<b>Product certifications</b>	UL CSA NOM
<b>Ambient Air Temperature for Operation</b>	104...158 °F (40...70 °C)

## Ordering and shipping details

<b>Category</b>	US1DE2A00024
<b>Discount Schedule</b>	DE2A
<b>GTIN</b>	785901662716
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	4.49 in (11.4 cm)
<b>Package 1 Width</b>	6.10 in (15.5 cm)
<b>Package 1 Length</b>	10.00 in (25.4 cm)
<b>Package weight(Lbs)</b>	3.26 lb(US) (1.48 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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## 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

Carbon footprint (kg CO2 eq, Total Life cycle)	187
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
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REACH Regulation	<a href="#">REACH Declaration</a>
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Halogen content performance	Halogen free product
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PVC free	Yes
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## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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Take-back	No
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Technical Illustration

Dimensions

