

# Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPacT Q,  
125A, 2 pole, 240VAC, 65kA, I-Line,  
thermal magnetic, 80%, AC

QGA221252

## Main

Range	PowerPact
Product name	PowerPact Q
Product or component type	Circuit breaker
Device application	Distribution

## Complementary

[In] rated current	125 A
Number of Poles	2P
Control type	Operating handle
Breaking capacity code	G
Breaking capacity	65 kA 120/208 V AC 50/60 Hz UL 65 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	I-Line bracket)
Mounting support	Bracket
Electrical connection	I-Line connection line Lugs load
Mounting height	3 in (76.20 mm)
Tightening torque	247.82 lbf.in (28 N.m) 0.04...0.23 in <sup>2</sup> (25...150 mm <sup>2</sup> ) AWG 4...300 kcmil)
Power wire stripping length	0.87 in (22 mm)

Height	6.47 in (164.34 mm)
Width	3 in (76.20 mm)
Depth	3.93 in (99.82 mm)
Phase connection	AC
Circuit breaker application	HACR rated

## Environment

Standards	UL CSA NEMA NOM-003-SCFI-2000
Product certifications	UL CSA NOM
Ambient air temperature for operation	104...158 °F (40...70 °C)

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.70 in (11.938 cm)
Package 1 Width	7.80 in (19.812 cm)
Package 1 Length	12.50 in (31.75 cm)
Package 1 Weight	4.67 lb(US) (2.12 kg)

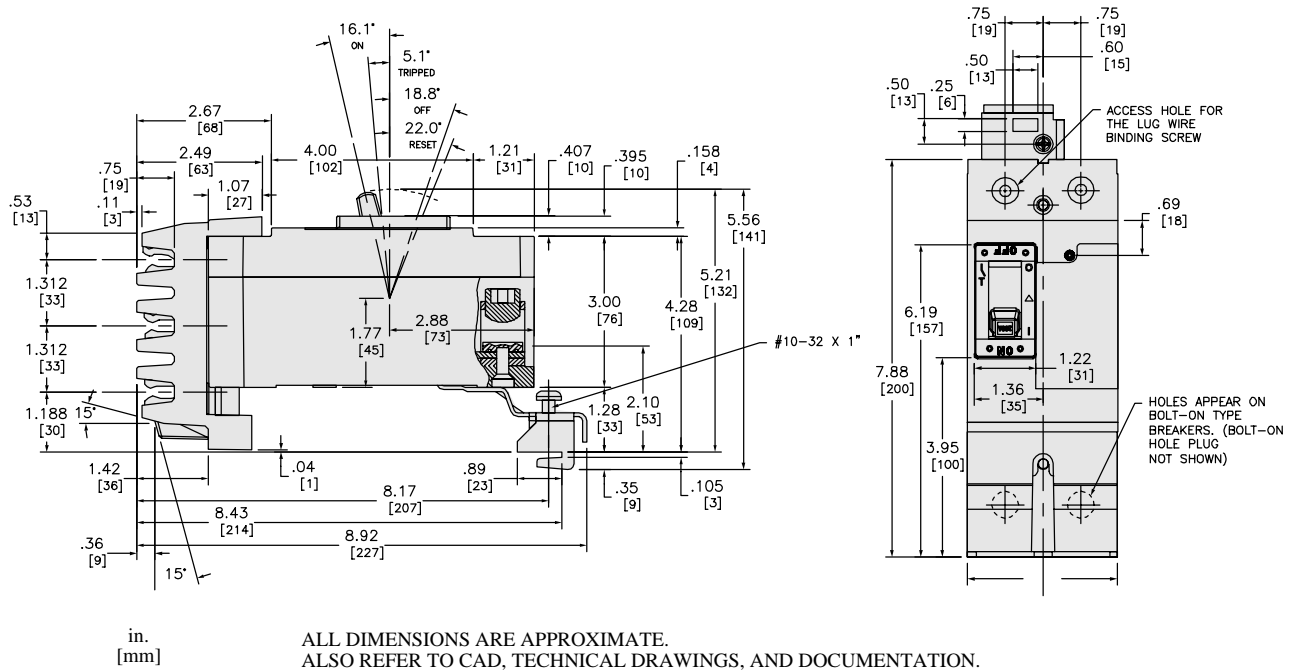
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free product

## Contractual warranty

Warranty	18 months
----------	-----------

Dimensions



Recommended replacement(s)