

16A Circuit Breaker Module

Model 100001

QEES

Technology



16A max. Load

Build-in electricity meter

110 - 240V 50/60Hz supply

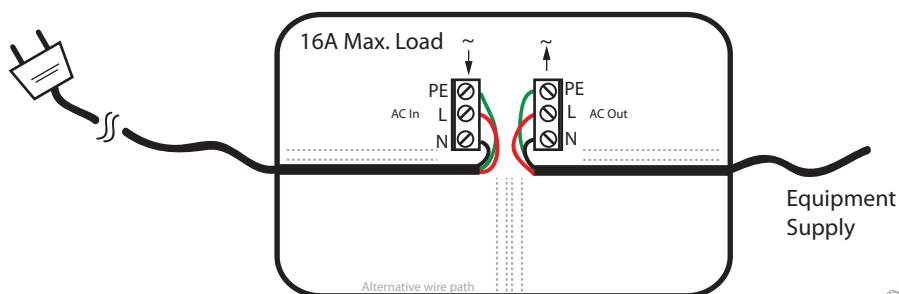
Z-Wave operated

Push button for local operation

Up to 400ft. Range with routing

The 16A circuit breaker with build-in electricity meter is a combined on / off switch and sub meter. The on / off switch allows you to disconnect devices that otherwise would consume power when not needed. This can be very useful if you wish to save energy as well as the environment. The Switch can be controlled either locally or using a Z-Wave controller.

The build in electricity meter measures the power consumed by the attached load in watt. It also keeps track of the accumulated usage in Kwh.



*) 16A/20A @ 230V ≈ 3600 Watt with PF = 1
16A/20A @ 110V ≈ 1800 Watt with PF = 1

Wire Range (mm [AWG]) = 0.05-3.00 [30-12]

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The information can be retrieved using the Z-Wave protocol and can be used to build graphs, compare usage, etc. This functionality helps you get a clear picture of which devices uses power and how much. The detailed usage information gives you the information needed to start saving energy efficient, without having to give up the comfort thus the switch can be turned on using a remote control.

QEES @ Home.

The 16A circuit breaker is very useful if you wish to cut down your stand-by usage when not at home. Or simply want to add more comfort to your living by adding remote control functionality to existing products such as light, coffee machines, etc.

QEES @ Work.

In office buildings the 16A circuit breaker can be used to control the power to the light, printers, AC systems, PCs, coffee makers, etc. All from one central location or using timers and sensors. At the same time the office administrator gets a clear picture of how much energy is being used and where.

Technical specs.

Size (mm)	(HxWxD)
Color	White
Supply	110V-240V 50/60Hz
Range	100 Ft.
RF	Z-Wave EU / US
Z-Wave type	Routing slave
Max. Load	16A / 4000VA*
Sub meter.	Yes
Self usage	< 1Watt