



Wattstopper
Wattstopper PLUS Wireless Area Lighting Controller, Damp Rated
Part No. BCS_WA_EN-ALC-ZB-BK-DR



The Wireless Area Lighting Controller (WALC) is a wireless control device that operates a switched line AC and 0-10V control to luminaires. It communicates to the Wattstopper PLUS Wireless Manager over a wireless mesh network. These individually addressable devices can switch an electrical load up to 20A or a wired zone of multiple luminaires ON or OFF via an integrated high-current relay while setting the zone's overall light level with a 0-10V dimming output wired to the luminaires' dimming ballasts or LED drivers. The WALC 0-10V dimming output is fully isolated and suitable for installation as either an NEC Class 2 or Class 1 wiring. This WALC is also Damp Rated.

Features & Benefits

Control for 0-10V dimmable and fixed output ballasts/LED drivers

Provides hard-wire power to wallstations and sensors to enable wireless system designs without batteries

Streamlines deployment with capability of powering low-voltage sensors with a built-in terminal block

Enables wireless control for loads up to 20A

Configurable high-end and low-end trim

Mounts to the exterior of a junction box through a standard-size knockout

Damp rated model available to suit environments with moderate degree of moisture such as basements and garages

Specifications

General Info

Product Line	Wattstopper	Color	Black
Finish	Plastic	UPC Number	840356701493
Country Of Origin	Canada	Installation Location	Above Ceiling
Application Sector	Commercial	Warranty Type	5-Year
Type	Fixture Controller		

Dimensions

Product Width US	3.5 in	Product Weight US	60.3 oz
Product Depth US	1.69 in	Product Height US	2.7 in

Listing Agencies / 3rd Party Agencies

FCC Compliant	Yes	cUL Listed	Yes
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Additional Information

RoHS Compliant	Yes	Product Has Potential to Contribute to LEED	Yes
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Technical Information

Operating Temperature Min	-40 °F	Has Battery	No
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Number of Connections	2	Contact Configuration	N-C
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Dimming Compatibility	0-10 V	Contact Rating	20 Amp, 120/277 VAC
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Frequency Band	2.4 GHz	Operating Temperature Max	131 °F
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Amperage	20 A	Wireless Range	Zigbee, up to 100 ft
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Topology	Wireless Mesh	Number of Relays	1
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Connector Type	GreenBus, Terminal Block, Wire Leads	Input Voltage	120 to 347 VAC
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Line Frequency	50 Hz, 60 Hz	Indoor/Outdoor	Indoor
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Mounting Type	1/2 in Knockout	Current Draw	30 mA
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Operating Temperature	-40°-131°F	Antenna Pattern	Omni- directional
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