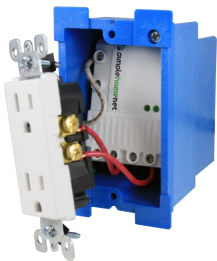# Product Brief

ZBLC15 Model #4033A

Wireless Dual-Relay On/ Off Load Controller

This versatile on/off controller provides two independent medium-power relays. Its compact size allows it to be placed inside a standard outlet box, thus providing intelligent control to a regular AC outlet.

The relays can be controlled from any home automation network (HAN) network controller using the ZigBee Pro protocol. This device is also a ZigBee Pro router which means it acts as a range extender in the ZigBee Pro network. The use of the ZigBee Pro protocol and the certification to the HA profile ensures compatibility with the emerging standards for smart homes being deployed across the world. Profile ensures compatibility with the emerging standards for smart homes being deployed across the world.

Benefits

- Remotely controls light or medium loads from appliances such as refrigerators, heaters, small pumps, etc.
- Turns any standard outlet into a dual, intelligent outlet capable of remote control.
- Controlled via ZigBee, a wireless RF protocol that is rapidly becoming the standard for energy management. Enables appliances to become part of the smart ecosystems of tomorrow.
- Small size and convenient connectivity means easy retrofit ability and low installation cost. Independent relay control affords maximum flexibility, including control of dualspeed, medium horsepower pumps.
- Universal voltage input provides ability to operate anywhere in the world (95-250VAC, 47/63Hz)
- Safety tested to UL and CSA Standards

SPECIFICATIONS:

Electrical	
Operating Voltage:	95—250 VAC
Max. Load Current:	10 Amps @ 240VAC
Surge protection:	MOV rated for 300V
Connections:	Loose 14 g. wires
Switch Contactor:	Dual NO relay
Mechanical	
Size:	2.1" L X 1.9" W X 1.2" H
Weight:	4 Oz.
Mounting:	None provided.
Operation	
Local Load Control:	No
ZigBee™ function:	ZigBee Pro Router device

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OTHER SPECIFICATIONS:

Indicators:	Two green LEDs to indicate network status, binding mode, fault conditions.
Local Control:	Multifunction pushbutton. Used for joining network, permit joining and binding.
ZigBee function:	Manufacturer ID: 0x1075; ZigBee Pro Router device

HA Profile:	(0x0104)		Device ID:	0x0100	**On/Off Light**
Cluster ID	**Cluster Name**	**Client/ Server**	**Cluster Description**		
0x0000	Basic	Server	Attributes for determining basic information and setting and enabling device		
0x0001	Power Configuration	Server	Attributes about the power source and for configuring under/over voltage alarms		
0x0003	Identify	Client/Server	Attributes and commands for putting a device into Identification mode		
0x0004	Groups	Server	Attributes and commands for group configuration and manipulation		
0x0005	Scenes	Server	Attributes and commands for scene configuration and manipulation		
0x0006	On/Off	Server	Attributes and commands for switching device.		

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