

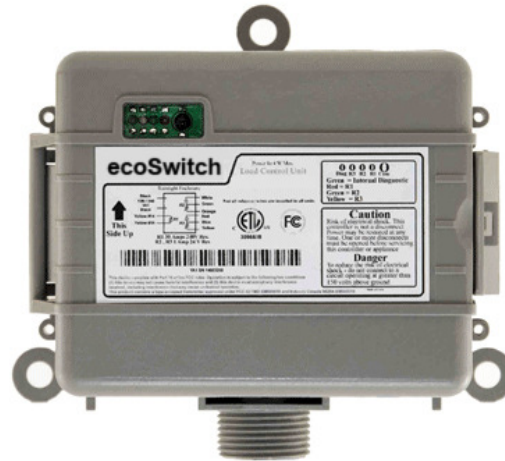
# Intelagrid<sup>®</sup> Technology Solutions

## ecoSwitch Load Control Relay

The ecoSwitch is a load control relay with ZigBee communication that enables remote management of high energy devices through Intelagrid's ecoOne and intelaHome software systems. ecoSwitch houses a 30 amp relay for direct load control of water heaters and other large load devices. ecoSwitch is optionally configured with load sensing including a unique feature that will sense when the load is "calling to run" but is inhibited by the Utility. This powerful feature allows for detailed load study functions. Utilizing IEEE standards-based communication technologies ecoSwitch will communicate with third party devices to create a platform for Demand Side Management, Smart Home, and other Utility assets that require communication. ecoSwitch ensures greater reliability and redundancy on a future proof broadband network that is easily deployed and managed.

### KEY FEATURES

- Distributed Intelligence Control
- Repeating or Singular Direct Load Control
- Adaptive Algorithms for AC Control
- Junction Box and Conduit Fittings
- Time Based Control
- LED State Indicators
- High Impact Polycarbonate Case



### Technical Specifications

Intelagrid Part Number	ecoSwitch
Signal Rate	240 kbps
Casing	Polycarbonate Case
Frequency	2400 MHz to 2483.5 MHz, 16-MHz channels
Input Power	100 – 300 VAC 50-60 Hz
Mechanical Dimensions	4 3/4" H x 4 1/4" W x 1.1/8" D

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innovative smart grid solutions