



SOLARAI EZ1

The Solarai EZ1 is a ZigBee controller that independently controls a single motorized device in a PLUS or GROUP level control network. It is designed to automate roller shades, Venetian blinds or operable louvers and vents.

Using the ZigBee Pro protocol, the EZ1 seamlessly integrates with other ZigBee devices. This allows the controller to be networked with switches, weather stations, sensors, or any other third party devices.

Features

Wireless

Eliminating network wiring reduces installation time and provides cost savings.

Ease of Installation

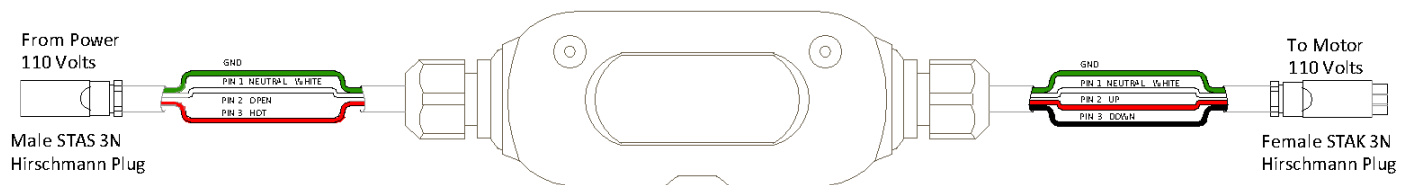
Quick Connect plugs ensure fast and simple installation.

Flexible

Wireless communication allows for devices to be added to the network as needed.

Interoperable

Integrates with other devices and systems using ZigBee and BACnet over ZigBee.



Feature	Description
System Type	Venetian Blinds, Roller Shades, Operable Louvres
Solarai Compatibility	PLUS Level Control, GROUP Level Control
Motor Outputs	1 Motor Output @ Supply Voltage, Maximum 5A Total
Inputs	USB
Communication	ZigBee PRO @ ISM 2.4 GHz
Integration Compatibility	BACnet Over ZigBee
Supply Voltage	110-240 VAC at 50-60 Hz
Output Voltage	110-240 VAC at 50-60 Hz, Matched to Supply
Warranty	2 Year Standard Warranty - Extended Warranty Options Available
Environmental	0-55 °C (32-131 °F) 0-95% RH, Non-condensing
Certification	Certified to CAN/CSA Standard C22.2 No. 247, Conforms to ANSI/UL Standard 325
Enclosure Type	Molded Plastic
Network Wiring	N/A
Motor Output Wiring	3 Conductor + Ground cable, 14 AWG Max
Supply Voltage Wiring	2 Conductor + Ground Cable, 14 AWG Max
Max Number of Devices Per Network	400
Transmission Range	Up to 100 ft (30m) Indoor/Urban, Up to 300 ft (90m) Outdoor Clear
Environmental Certification	RoHS Compliant