

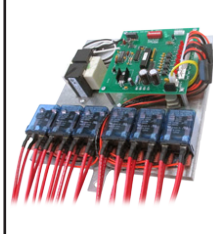



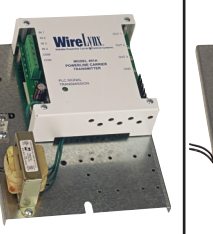
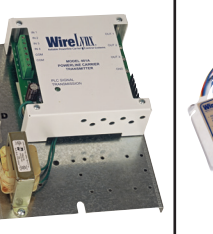
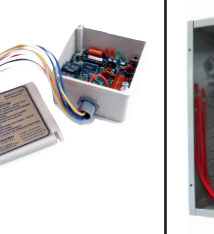
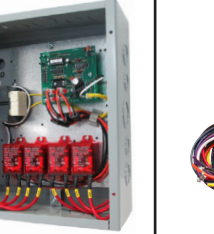

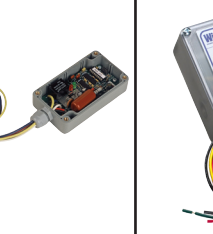



ES-1000 Series

LX-1000 Series

LX-400 Series

	ES-1020	ES-1024	ES-1084	LX-1010	LX-1022C	LX-1031	LX-401	LX-402	LX-422	LX-424	LX-431	LX-441	LX-2299A
Function	Transmitter	Receiver	Receiver	Transmitter	Receiver	Receiver	Transmitter	Transmitter	Receiver	Receiver	Receiver	Receiver	480VAC Adapter
Images													
Description	Receives and transmits on/off load commands from an Energy Sentry demand controller to a building's power distribution system.	Two channel receiver with two 30 Amp power relays with normally closed contacts only.	Receives on/off load commands from an Energy Sentry demand controller equipped with an ES-1020 for up to 8 channels over a building's power distribution system.	16-Channel digital powerline carrier transmitter with 16 dry contact inputs.	Two channel receiver with two low-power dry contact relay outputs. Can be operated in 1 or 2 channel mode.	One channel receiver with 30 Amp power relay output.	4-Channel digital powerline carrier transmitter with dry contact inputs.	4-Channel digital powerline carrier transmitter activated with external input voltage.	Two channel powerline carrier receiver with two low-power dry contact relay outputs.	Four channel powerline carrier receiver with four high-power, dry contact DPST-NC relay outputs for direct line voltage control of loads up to 30 Amps	One channel receiver with 30 Amp power relay output.	One channel powerline carrier receiver with one low-power dry contact relay output in weatherproof enclosure.	Use with LX-1010A or LX-401A for adapting to 480VAC line voltage applications.
Models	ES-1020A	LX-1024A	ES-1084A	LX-1010A	LX-1022CA LX-1022CM LX-1022CH	LX-1031A LX-1031M LX-1031H	LX-401A	LX-402A	LX-422A LX-422M LX-422H	LX-424A	LX-431A LX-431M LX-431H	LX-441A LX-441M LX-441H	LX-2299A
Power Supply	120VAC	120VAC	120VAC	120VAC	(A) 120-240VAC (M) 277VAC (H) 480VAC	(A) 120-208VAC (M) 277VAC (H) 480VAC	120VAC	120VAC	(A) 120-240VAC (M) 277VAC (H) 480VAC	(A) 120VAC Other Power supply Voltages available by request	(A)120-208VAC (M) 277VAC (H) 480VAC	(A) 120-240VAC (M) 277VAC (H) 480VAC	480VAC
Contact Rating	30 Amps at 250VAC	30 Amps at 250VAC	30 Amps at 250VAC	-	3 Amp at 250VAC	30 Amps at 250VAC	-	-	3 Amp at 250VAC	30 Amp at 300 VAC or 15Amp at 600VAC	30 Amps at 250VAC	3 Amp at 250VAC	-
Contact Configuration	-	2 Form B (DPST-NC) Contact factory for other configurations	-	-	2 Form C (SPDT)	1 Form C (SPDT)	-	-	2 Form C (SPDT)	4 relays with 2 Form B (DPST-NC) contacts on each relay	1 Form C (SPDT)	1 Form C (SPDT)	-
Size	Sold separately as a kit or mounted in a demand controller A) Panel mount only 9" x 7" x 3" B) PCB assembly only 5" x 6" x 2"	12"x10"x4" NEMA 1	Sold separately as a kit, chassis, or fully self-contained unit A) PCB assembly only 5" x 5" x 1" B) Panel mount only 9" x 11" x 3" C) Self-Contained NEMA 1 Encl. 12" x 10" x 4" (NEMA 3R encl. also available)	Available in : A) Fully enclosed 12"x10"x4" NEMA 1 enclosure B) Panel mount only 9"x7"x3" C) PCB assembly only 5"x6"x2"	4.5"x4.5"x2.5"	4.5"x4.5"x2.5"	Available in: A) Fully enclosed 12"x10"x4" NEMA 1 enclosure B) Panel mount only- 9"x7"x3" C) PCB Assembly only 5"x6"x2"	A) Fully enclosed 12"x10"x4" NEMA 1 or NEMA 3R enclosure B) Panel mount only 9"x7"x 3" (for use in another electrical enclosure) C) PCB assembly only 5"x5"x 2"	4.5"x4.5"x2.5"	12"x10"x4" NEMA 1 (indoor) or NEMA 3R (outdoor) enclosure	4.5"x4.5"x2.5"	4.2"x2.5"x2.0"	4.5"x4.5"x2.5"
General Application Information	For use with Energy Sentry Model 9388A, 9388B, 9388C or 9388M demand controllers.	For use with Energy Sentry Model 9388A,B,C or M demand controllers and general purpose high-power control applications such as water heaters or heat circuits.	For use with Energy Sentry Model 9388A, 9388B, 9388C or 9388M demand controllers. May also be used with LX-1010 or LX-1002 transmitters.	General purpose applications where up to 16 channels are required.	General purpose low to medium power loads. Great for thermostat circuits or other control circuits.	General purpose high-power control applications such as water heaters or heat circuits.	General purpose applications where up to four channels are required.	General purpose applications where up to four channels are required.	General purpose low to medium power loads. Great for thermostat circuits or other control circuits.	Specific purpose for high power line voltage loads. Normally closed relays for demand control and energy management.	General purpose medium to high power loads like water heaters, motors or heat circuits.	General purpose low power outdoor applications where moisture is present.	Used to safely interface the PLC Transmitter to 480VAC power lines.