

Wireless Load Management

Overview

The BX-W2 control board is a combination of multiple load shedding functions combined into a single device. Available with 60, 100 or 200 amp latching relays. Wireless Load Lock-Out with most generators & Wireless Under-Frequency Load Management with any air cooled generators. Relay can also be controlled by dry-contact input.



Features

- Wireless under frequency load management (*Air-Cooled Generators Only*)
- Wireless generator load lock-out
- Priority settings 1-4
- Also dry contact input
- Utilizes Magnetic Latching Relays, eliminating the normal humming, chattering and heat associated with contactors
- Assembled in NEMA 3R enclosure
- Optional Stainless Steel and flush mount enclosures available
- 5 year warranty on Magnetic Latching Relays

Specifications

Electrical	60 Amp Relays	100 Amp Relays	200 Amp Relays
Rated Load at 277 Volts	80 Amps	120 Amps	240 Amps
Maximum Continuous Operating AC Voltage	440 Volts	440 Volts	440 Volts
Insulation resistance	1,000 MΩ (at 500 VDC)	1,000 MΩ (at 500 VDC)	1,000 MΩ (at 500 VDC)
Dielectric Strength			
Coil to contact	4,000 VAC for 1 minute	4,000 VAC for 1 minute	4,000 VAC for 1 minute
Across open contacts	2,500 VAC for 1 minute	2,500 VAC for 1 minute	2,500 VAC for 1 minute
Maximum Switching Current	80 Amps	120 Amps	240 Amps
Maximum Switching Power	14,000 VA	27,700 VA	55,700 VA
Insulation Resistance	1,000 MΩ	1,000 MΩ	1,000 MΩ
UL 508 A			
Ith	80 Amps	120 Amps	240 Amps
Maximum horse power at 240 VAC single phase	10 Horse Power	15 Horse Power	30 Horse Power
IEC-60947			
AC1 Load	75 Amps	150 Amps	300 Amps
AC3 Load 200-240 Volts	15 KW / 60 Amps	30 KW / 105 Amps	60 KW / 210 Amps
Mechanical			
Connection Terminal	Mechanical Lugs	Mechanical Lugs	Mechanical Lugs
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Enclosure Type	NEMA 3R	NEMA 3R	NEMA 3R
Enclosure Type Options	Flush Mount / Stainless Steel	Flush Mount / Stainless Steel	Flush Mount / Stainless Steel
Warranty	5 Year Warranty on Magnetic Latching Relays	5 Year Warranty on Magnetic Latching Relays	5 Year Warranty on Magnetic Latching Relays
Part #	LS061X1BX-W2	LS101X1BX-W2	LS201X1BX-W2

Dimensions

