

Single Phase Magnetic Latching Relays



LS101X1BX-W2
100 Amp Latching Relay

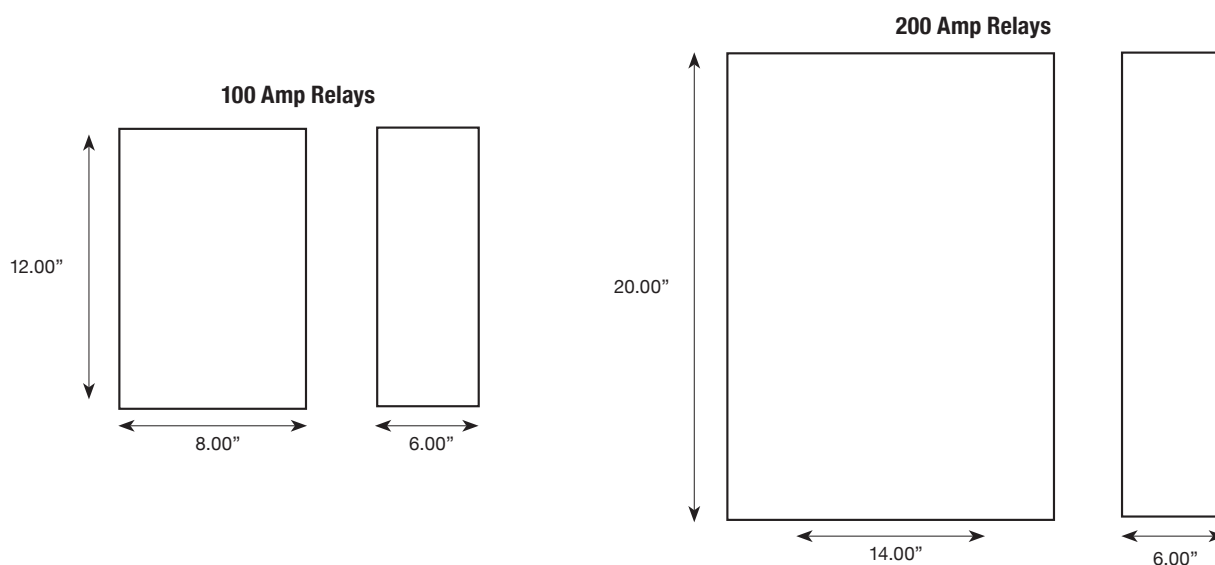
Overview

The BX-W2 control board is a combination of multiple load shedding functions combined into a single device. Available with 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
- UL Listed 508A control panel

Dimensions



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Specifications

Electrical	100 Amp Relays	200 Amp Relays
Rated Load at 277 Volts	120 Amps	240 Amps
Maximum Continuous Operating AC Voltage	440 Volts	440 Volts
Insulation Resistance	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
Across open contacts	2,500 VAC for 1 Minute	2,500 VAC for 1 Minute
Maximum Switching Current	120 Amps	240 Amps
Maximum Switching Power	27,700 VA	55,700 VA
Insulation Resistance	1,000 MΩ	1,000 MΩ
UL 508 A		
Ith	160 Amps	240 Amps
Maximum Horsepower at 240 VAC Single Phase	15 Horsepower	30 Horsepower
IEC-60947		
AC1 Load	150 Amps	300 Amps
AC3 Load 200-240 Volts	30 KW / 105 Amps	60 KW / 210 Amps
Mechanical		
Connection Terminal	Mechanical Lugs	Mechanical Lugs
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Enclosure Type	NEMA 3R	NEMA 3R
Enclosure Type Options	Flush Mount / Stainless Steel	Flush Mount / Stainless Steel
Warranty	5 Year Warranty on Magnetic Latching Relays	5 Year Warranty on Magnetic Latching Relays
Part #	LS101X1BX-W2	LS201X1BX-W2