

Wireless Load Management



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

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 M Ω (at 500 VDC) | 1,000 M Ω (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 M Ω | 1,000 M Ω |
| UL 508 A | | |
| Ith | 120 Amps | 240 Amps |
| Maximum horse power at 240 VAC single phase | 15 Horse Power | 30 Horse Power |
| 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 |

Dimensions

