

**Residential - Commercial
100 & 200 Amp Models**

Ultra Compact 100 & 200 Amp Electronically Controlled Magnetic Latching Relays with single control input



Characteristics

- Electronically controlled with diagnostic LED
- 1-4 Relays simultaneously for Load regulations
- 1-4 Relays simultaneously for load dropping
- 100 and 200 Amp Relay Configurations available
- Surface or Flush Mount enclosures
- Operates with dry contacts or 24V AC Control inputs
- Operates with 120 Volts AC for load dropping only
- UL Listed & IEC-60947

100/200 Amp Magnetic Latching Relays

- Universal Load regulating or load dropping circuitry works with virtually ANY generator or transfer switch
- Provides single channel Load Shedding capabilities for up to four 15-100 amp loads
- Load dropping Automatically removes up to four 100 amp loads when utility power is lost, and reconnects loads after a 5 minute delay when utility power is restored
- Utilizes Magnetic Latching Relays eliminating the normal humming, chattering and heat associated with contactors
- Available in a variety of enclosure configurations including NEMA 01, NEMA 3R and NEMA 04
- Compact Flush Mount version fits inside of studs and optional flush cover extends 3/4" past edge of can on all 4 sides for

Ultra Compact 100 & 200 Amp Electronically Controlled Universal Load Shedding Panel

Relay Specifications

Electrical	100 Amp Relays	200 Amp Relays
Rated Load at 277 Volts	120Amps	200 Amps
Maximum Continuous Operating AC Voltage	480Volts	480 Volts
Insulation resistance	1,000 MΩ (at 500Vdc)	1,000 MΩ (at 500Vdc)
Dielectric strength:		
Coil to contact	4,000 Vac for 1 min.	4,000 Vac for 1 min.
Across open contacts	2,500 Vac for 1 min.	2,500 Vac for 1 min.
Maximum Switching Current	120Amps	240 Amps
Maximum Switching Power	27,7000 VA	55,7000 VA
Insulation Resistance	1000 M Ohms	1000 M Ohms
UL 508A:		
Ith	160Amps	240 Amps
Maximum Horse Power At 240 V AC Single Phase	15Horse Power	30 Horse Power
IEC-60947:		
AC1 Load	150Amps	300 Amps
AC3 Load 200-240 Volts	30KW / 105 Amps	60 KW / 210 Amps
Mechanical		
Connection Terminal	Mechanical Lugs	Mechanical Lugs
Operation Temperature (°C):	-40°C to +85°C	-40°C to +85°C
Enclosure Type	NEMA 01, 03R, 04	NEMA 03R
Warranty	5 Year Warranty	5 Year Warranty