



CRC7000

30A HID Relay



Overview

The CRC7000 is a mechanically latching output device that provides ON/OFF Control of lighting and other electrical loads and is capable of controlling circuits rated up to 30 Amps at 347VAC. The lever style manual override switch allows relays to be mechanically connected to accommodate 2-Pole Loads. When paired with a Nexlight Lighting Control system, it comes with NexLight's industry-best 20-year warranty.

UL/cUL Certifications

General Use:	30A @ 347VAC
Tungsten:	2400W @ 120VAC
Electronic Ballast:	16A @ 120/277
(Standard) Ballast:	20A @ 300VAC
	10A @ 347VAC
Motor:	1 HP @ 100-125VAC
	1.5 HP @ 220-277VAC
SCCR:	14,000A @ 120/277VAC
2-Pole Configuration:	120, 277 or 347VAC per pole (controls 208/240/480 loads)

Features

- » Rated for 240,000+ operations at full load
- » Rated full life with HID load
- » Field Configurable for 2-Pole
- » At-a-Glance ON/OFF status indication
- » Relay status sent back to NexLight system for true status within software/switches

Physical Specification

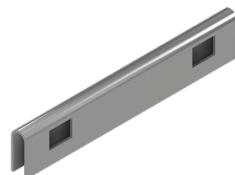
Size:	2.35"H x 3.77" W x 0.975" L (Overall)
Mounting:	Panel Mounting Strap (x1) CRC9000
Temperature Rating:	32° to 122°F (0° to 50°C)
Weight:	5.98 oz

Electrical (Control Wiring)

Voltage:	±24VDC reverse polarity (±24VAC half-wave, Class II)
Current:	350mA

Accessories

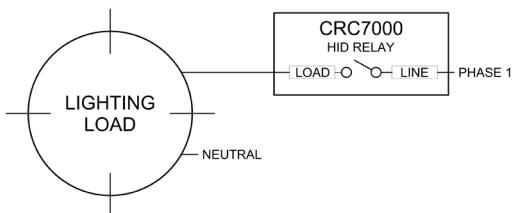
Mechanical Relay Coupler (MRC)



Wiring Diagrams

Control of 2-Pole loads can be achieved using the Mechanical Relay Coupler. Wiring of both single pole and double pole loads are illustrated in the diagrams below.

Single Pole Configuration



2-Pole Configuration

