

OPTICOM™ 770 Card Rack for Gate Opener Applications

DESCRIPTION

The Opticom 770 Card Rack is designed for gate opener applications where a relay is needed.

Two additional components are required to complete a gate opener application: an Opticom Phase Selector (either model 452 or model 752) and an Opticom Optical Detector (model 721).

The Opticom model 770 consists of a metal enclosure with a dedicated card slot for one Opticom phase selector or Opticom Discriminator.

The front panel of the Opticom 770 includes a terminal strip for connecting the Opticom optical detectors and outputs to a gate operator, as well as a 9-pin circular connector and harness to connect to 120 VAC.

FEATURES

- Conveniently located connections and harnessing (in the front)
- Rugged construction
- Stable “on-shelf” mounting
- Easy-to-read terminal designations
- Easy installation
- Includes 100 feet of Opticom Model 138 Detector Cable

TB1 TERMINAL BLOCK CONNECTIONS

The terminal block on the front of the Opticom 770 Card Rack, TB1, is intended for primary optical detector connections for channels A, B, C and D. It is located on the left side of the Opticom model 770.

Pin Function

- 1: Channel A detector signal input
- 2: Channel B detector signal input
- 3: Detector power (DC+)
- 4: Earth ground (DC-)
- 5: Earth ground
- 6: Normally open contact (relay)
- 7: Common contact (relay)
- 8: Normally closed contact (relay)



J1 CONNECTOR

The J1 connector is intended to connect the gate opener system to AC power. It is located next to TB1.

Pin Function

- 1: 115 VAC (AC+)
 - 2: AC return (AC-)
 - 3: Chassis ground
- Pins 4-9 are not used.

PHYSICAL DIMENSIONS

- Length: 8.5 in. (21.6 cm)
Width: 5.25 in. (13.3 cm)
Height: 5.25 in. (13.3 cm)
Weight: 1.37 lbs. (620 g)

RELAY SPECIFICATIONS

- Designed to actuate gate opener circuit
- Designed to switch AC or DC
- Includes normally open and closed contacts
- Contact ratings:

Resistive

- 10A 240 VAC
- 10A 30 VDC

General Use

- 7.5A 120 VAC
- 7.5A 240 VAC
- 7A 30 VDC
- 1/6 hp 120 VAC
- 1/3 hp 240 VAC



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