



Opticom™ Infrared System

Opticom™ Model 760 Card Rack

An Opticom™ Infrared System Matched Component Product

October 2007

Description

The Opticom™ Model 760 Card Rack facilitates easy Opticom™ Infrared System Phase Selector and Discriminator installation. It can be used in traffic control cabinets without card slots for Opticom™ Infrared System components.

The Opticom model 760 consists of a metal enclosure with a dedicated card slot for one Opticom phase selector or discriminator. Either two- or four-channel units may be used.

The front panel of the Opticom model 760 includes a terminal strip for connecting the optical detectors, as well as a 9-pin circular connector and harness to connect the Opticom infrared system phase selector's or discriminator's outputs and 120 VAC to power the phase selector or discriminator.

Features

- Conveniently located connections and harnessing (in the front)
- Rugged construction
- Stable "on-shelf" mounting
- Easy-to-read terminal designations
- Easy installation



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TB1 Terminal Block Connections

The terminal block on the front of the Opticom™ Model 760 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 760.

Pin	Function
1	Channel A (1) primary detector signal input
2	Channel B (2) primary detector signal input
3	Channel C (3) primary detector signal input
4	Channel D (4) primary detector signal input
5	Detector power
6	Detector power
7	Detector ground
8	Detector ground

J1 Connector

The J1 connector is intended to provide all the signals needed to connect Opticom™ Phase Selectors directly to a NEMA controller. It is located next to TB1.

Pin	Function
1	115 VAC (AC+)
2	AC return (AC-)
3	Chassis ground
4	Not used
5	Channel A priority control output
6	Channel B priority control output
7	Channel C priority control output
8	Channel D priority control output
9	Logic ground

Physical Dimensions

Opticom™ Model 760 Card Rack

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)

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75-0500-2252-6 (A)