OPTICOM™ 760 Card Rack

DESCRIPTION

The Opticom 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 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 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

TB1 TERMINAL BLOCK CONNECTIONS

The terminal block on the front of the Opticom 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 760 Card Rack.

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

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)

GPS Multi IR

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