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Global Traffic
Technologies

SPECIFICATION SHEET

TITLE: Opticom
Card Rack for Opticom Infrared System Applications

PART NO.:
Model 760

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 to installation

• TB1 Terminal Block Connections

The terminal block on the front of the 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 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

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)

• 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
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

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