



SENSORS &amp; SWITCHES



#216



#216-L



#216-N

1 1/2" Self-Sticking Mylar  
Face Plate Decal  
(Blue Background/  
White Legend)**Product Name****216 Series**Infrared "Touchless" Door Activator  
Switches**Manufacturer**

MS SEDCO

8701 Castle Park Drive  
Indianapolis, IN 46256

Phone: (800) 842-2545

www.mssedco.com

**Product Description****BASIC USE**

The 216 Series touchless switches are active infrared devices designed to activate full and low energy automatic doors.

Their hands free operation makes them ideal for ADA applications. Other applications include clean-room access points, request-to-exit devices (3 amp contact) and point-of-purchase displays. The 216 is microprocessor controlled allowing for superior operation in a smaller unit.

The 216 Series faceplates are available in three sizes.

**Technical Data**

- ADA Compliant Hands-Free Operation
- Faceplates Available in 3 Sizes and Various Finishes
- Microprocessor-Controlled Active Infrared
- Automatic Self-Changing ID Coding Eliminates Possible Electrical Interference
- Adjustable Hold-Time (0-5.0 Sec.)
- Digital Circuit Design
- 12 to 24V AC or DC Operation
- Form C Relay Output
- Heavy Duty 3 Amp Contact
- Selectable Failsafe
- Multiple Operating Modes

**SPECIFICATIONS****Detection Method**

Amplitude modulated, coded carrier active infrared

**216 Series****Infrared "Touchless"  
Door Activator Switches****Frequency Codes**

Automatic self-changing

**Avg. Radiated Power**

Less than 18mW

**Input Voltage**

12V to 24V AC or DC, not polarity sensitive

**Input Current**

Approx. 100mA @ 18V AC

**Relay Contacts**

Form C rated at 3 amps @ 24V DC (resistive)

**Relay Operation Modes**

Normal or "fail-safe" (jumper selectable)

**Response Time**

Less than 0.3 seconds

**Relay Hold Time**

Adjustable from 0 to 5.0 sec.

**Operating Distance**

6 in. to 2.5 ft.

**Unit Size**

1 5/16"W x 4"H x 1 1/4"D

**Mounting Options**

Single-gang, 2-gang or door jamb mount

**Face Plate Sizes**

Fits Single-gang or 2-gang Box (216)

4 1/2"W x 4 1/2"H

Fits Single-gang Box (216-L)

2 3/4"W x 4 1/2"H

Fits Door Jamb (216-N)

1 11/16"W x 4 1/2"H

**Face Plate Finish**

Standard: Brushed Stainless Steel

For Special Finishes Contact Factory

**Temperature**

-13°F to 140°F (-25°C to 60°C)

Recommended For Interior Use

# 216 Series

## Infrared "Touchless"

### Door Activator Switches



SENSORS & SWITCHES

#### APPLICABLE STANDARDS

American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10 & A156.19.

devices for specific uses and to provide onsite installation

#### Installation

Refer to MS SEDCO Installation Instructions.

#### Availability & Cost

##### AVAILABILITY

Available internationally from manufacturer's authorized distributors; contact MS SEDCO for the location of the nearest distributor.

##### COST

Cost information on MS SEDCO products is available from the manufacturer's authorized distributors.

#### Warranty

A one year warranty is available from the manufacturer covering defects in materials and workmanship. Contact MS SEDCO for details.

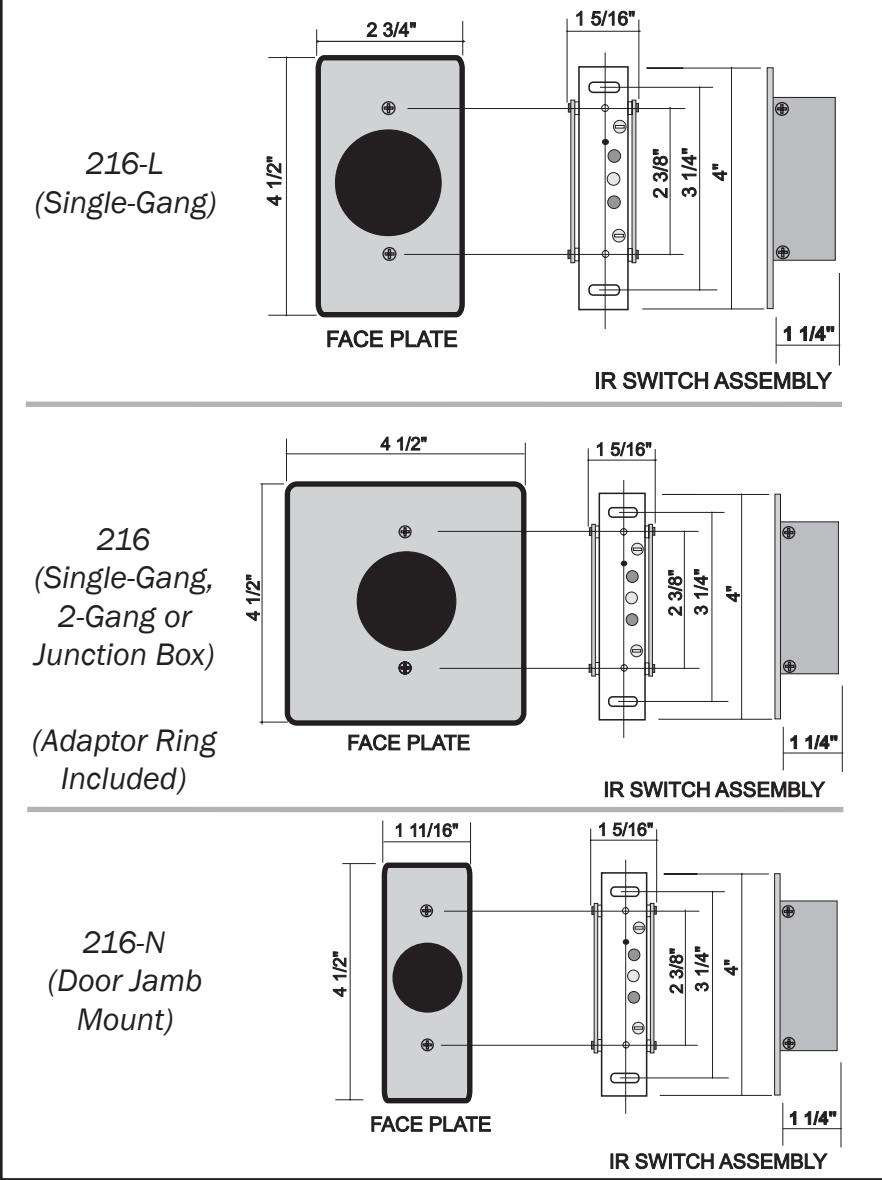
#### Maintenance

MS SEDCO recommends that all maintenance and adjustments be performed by an AAADM Certified Technician.

#### Technical Services

MS SEDCO's staff of factory trained sales and service personnel offer design assistance and technical support. Local distributors are also available to assist in selecting appropriate

#### DIMENSIONS



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