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 Reaction Time (0.05-1 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

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

Reaction Time
Adjustable from 0.05 to 1 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

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

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 devices for specific uses and to provide onsite installation.