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## NexGen Series Infrared Touchless Door Activator Switches



#NG-IR-A

### Product Name

#### NexGen

Infrared Touchless Door Activator Switches

### Contact Information

MS SEDCO  
8701 Castle Park Drive  
Indianapolis, IN 46256  
Phone: (317) 842-2545  
www.mssedco.com

### Product Description

#### BASIC USE

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

Their touchless operation makes them ideal for ADA applications. Other applications include clean-room access points, request-to-exit devices (1 amp contact) and point-of-purchase displays. The NexGen Infrared Touchless switch is microprocessor controlled allowing for superior operation in a smaller unit.

### Technical Data

- ADA Compliant Operation
- Faceplates Available in Various Finishes
- Microprocessor-Controlled Infrared Touchless
- Adjustable Reaction Time (0.05-3 Sec.)
- Digital Circuit Design
- 12 to 24V AC or DC Operation
- Form C Relay Output
- Heavy Duty 1 Amp Contact

### 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

### 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.

### SPECIFICATIONS

#### Activation Method

NexGen technology using rapid infrared pulses, to ensure accurate detection.

#### Avg. Radiated Power

Less than 18mW

#### Input Voltage

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

#### Input Current

Nominal  $\pm 15\text{mA}$  @24V AC  
Activated  $\pm 40\text{mA}$  @ 24V AC

#### Relay Contacts

Form C rated at 1 amp @ 24V DC

#### Response Time/Reaction Time

Adjustable from 0.05 to 3 sec.

#### Operating Distance

$\pm 5"$  to 12"

#### Unit Size

4.5"W x 4.5"H x 0.75"D

#### Face Plate Sizes

Fits Single-gang or 2-gang Box  
4 1/2"W x 4 1/2"H  
Fits Single-Gang Box  
2 3/4"W x 4 1/2"H

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### 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

### DIMENSIONS

