



ENGINEERED FOR MOTION



NexGen Series Infrared Touchless Door Activator Switches



#NG-IR-A

Product Name

NexGen

Infrared Touchless Door Activator Switches

Contact Information

Erich Industries, Inc.
DoorSensors.com Division
sales@doorsensors.com
800-882-5839

Product Description

BASIC USE

The NexGen Infrared Touchless actuator is the next generation of automatic door activation switch. The NexGen IR combines the latest advances in infrared sensing technology with durable composite plastics, to create an actuator that is both stylish and tough. NexGen switches are extremely thin and utilize no moving parts. The 4" faceplate is bordered by a clear bezel edge that illuminates upon activation.

Their hands free 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
- Microprocessor-Controlled Infrared Touchless
- Adjustable Reaction Time (0.05-3 Sec.)
- Adjustable Detection Range
- 12 to 24V AC or DC Operation
- Form C Relay Output
- Heavy Duty 1 Amp Contact

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

Face Plate Finish

Standard: Black Acrylic Finish

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.

Warranty

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

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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

