

2WIRE Module Control Module for Conversion of Hardwired Actuator to Actuator Requiring Power Using Existing Wiring



control. Mechanical actuators require only two wires for activation of the door control. Due to this, upgrading required running two additional wires, which could prove costly and time consuming. Using the 2WIRE Module eliminates the need for additional wiring, making the conversion simple and inexpensive!

Relay Operation Modes

Normal or "fail-safe" (jumper selectable)

Unit Size

2"W x 2 3/8"L x 3/4"D

Temperature

-13° F to 140° F (-25° C to 60° C)

Recommended For Interior Use

Product Name

2WIRE Module

Control Module for Conversion of Hardwired Mechanical Actuator to Actuator Requiring Power Using Existing Wiring

Contact Information

Disability Systems, Inc.
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Product Description

BASIC USE

The 2WIRE Module is a control module which provides an easy and inexpensive way to upgrade an existing hardwired mechanical actuator to a touchless or capacitive touch actuator that requires power, such as the 216 or NexGen series, without the need for additional wiring.

Upgrading hardwired automatic door actuators to actuators that require power has traditionally been an arduous process. Most actuators that require power use a four wire connection - two wires to provide power to the actuator, and two wires for activation of the door

The 2WIRE Module is designed to install in the door header and requires a 12-24 V AC or DC power input. Up to four actuators can be powered using the 2WIRE Module.

Actuators such as the 216 series infrared touchless or NexGen series can be purchased separately, or as part of a retrofit kit. The input power wires for the actuators connect to the 12V DC Out terminals of the 2WIRE Module. When any of the actuators are triggered, the relay output on the 2WIRE Module will change state, activating the door control.

Technical Data

- ADA Compliant Operation
- 12 to 24V AC or DC Operation
- Form C Relay Output
- Heavy Duty 3 Amp Contact

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)

Current Draw

100mA at 24V

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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