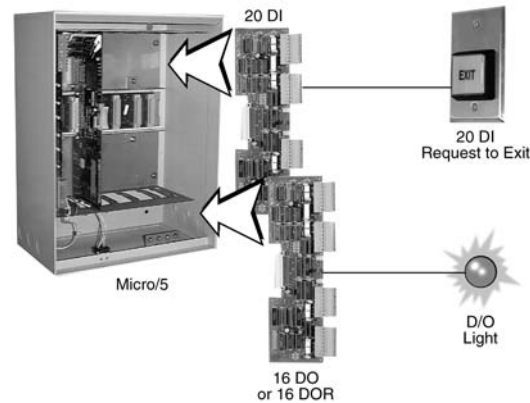




## **Micro/5 Options**

### **20 DI, 16 DO, 16 DOR**



#### **COMPATIBLE WITH SP EDITIONS AND PICTURE PERFECT™ SYSTEMS**

The Micro/5 20 DI (Digital Input), 16 DO (Digital Output) and 16 DOR (Digital Output with Relays) option cards provide a cost-effective and convenient interface between the CASI access control system and its input and output devices.

Micro/5 Options plug into the Micro/5 backplane. Each option has pluggable edge connectors which make field installation and maintenance quick and easy.

#### **MICRO/5-PX & MICRO/5-PXN**

A maximum of four 20 DI and either four 16 DO or four 16 DOR options can be configured into the available Micro/5-PX, or -PXN card slots. These input and output points are in addition to those provided on the 2RP, 2SRP and 8RP reader processors.

#### **SUPERVISED DI POINTS**

The 20 DI option has full four-state supervision on all digital input points, providing the means to remotely sense line condition. Supervised states are closed, open, line short and line open.

#### **ECONOMICAL**

System input and output devices can be located up to 1,000 feet from the related microcontroller. This reduces installation costs, as microcontrollers do not have to be near the monitoring device.

#### **FLEXIBLE DO DEVICES**

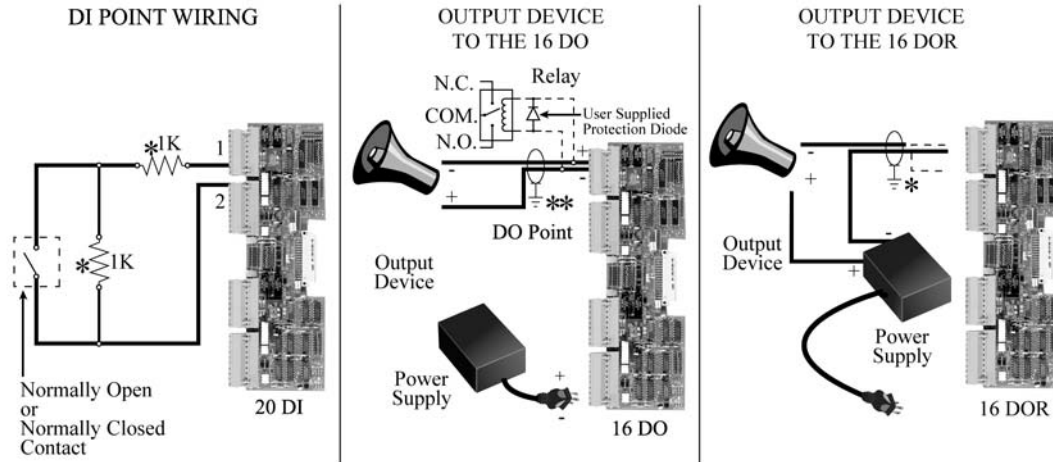
The 16 DO and 16 DOR options make it possible to incorporate a complete range of output devices into an access control system. The 16 DO may be used to drive low current or isolated devices or to drive low current devices directly. Alternatively, an external relay may be used for higher current devices. The 16 DOR includes integral relays, each of which can switch up to two amps at 40VDC. Each card uses auto-reset fuses to protect the electronics from short circuits that may occur during installation.

#### **FEATURES**

- Compatible with all CASI access control systems
- Compatible with all CASI Micro/5 microcontrollers
- Options plug into the backplane for quick installation
- Screw-terminal connectors eliminate field wiring problems

#### **CONFIGURATION INFORMATION**

- DI point supervision resistors should be installed as close as possible to the point being supervised
- 16 DO has 16 transistor switches, each able to switch .04A @ 24VDC
- 16 DOR has 16 2A @ 40VDC / 30VAC relays on board
- 20 DI and 16 DO wiring, 22AWG shielded, stranded recommended
- 16 DOR wiring, 12 to 22AWG shielded, stranded recommended



**PRODUCT CONTENT**

The 20 DI option includes the Micro/5 20 DI option card, pluggable screw-terminal connectors and forty 1000 ohm supervision resistors.

The 16 DO and 16 DOR options include the Micro/5 16 DO or 16 DOR option card and pluggable screw-terminal connectors.

**OTHER**

An installer-supplied protection diode, IN4002, IN4003 or IN4004, is required for each external relay.

An installer-supplied 5VDC to 24VDC power supply is required to drive the 16 DO external relays and attached devices.

**CUSTOMER SUPPORT**

GE Interlogix and its CASI Business Partner Network offer a full range of support services including site surveys, installation supervision and training. Emergency support is available 24 hours a day, 7 days a week.

**FOR MORE INFORMATION**

You can find additional product installation details in the Micro/5 Installation Guide, available for download at [www.casi-rusco.com](http://www.casi-rusco.com).

Please contact the authorized CASI Business Partner listed below to see how these 20 DI, 16 DO, and 16 DOR Micro/5 options can meet your specific requirements.

ORDERING NUMBER	DESCRIPTION
110072003	20 DI Micro/5 Option, 1K supervision resistors included
110071001	16 DO Micro/5 Option, 16 transistor switches, .04A @ 24VDC (max.)
110078001	16 DOR Micro/5 Option, 16 relays, 2A @ 40VDC or 30VAC (max.)



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