

# TC811A1006 FAULT ISOLATOR MODULE FOR FIRE AND SECURITY SYSTEMS

## SPECIFICATIONS

Normal Operating Voltage:	15 - 32 VDC
Stand-by Current:	450 $\mu$ A (not isolating)
Maximum Current Draw:	17mA (device in isolation)
Temperature Range:	32°F to 120°F (0°C to 49 °C)
Humidity:	10 to 93% Non-condensing
Dimensions:	4 1/2" H $\times$ 4" W $\times$ 1/4" D (Mounts to a 4" square by 2 1/8" deep box)

This information is included as a quick reference installation guide. Refer to the control panel installation manual for detailed system information. If the modules will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Disconnect power to the control panel before installing the modules.

**NOTICE:** This manual should be left with the owner/user of this equipment.

## GENERAL DESCRIPTION

TC811A1006 FAULT ISOLATOR MODULES enable part of the communications loop to continue operating when a short circuit occurs on it. An LED indicator blinks in the normal condition and turns on during a short circuit condition. The module will automatically restore the entire communications loop to the normal condition when the short circuit is removed. TC811A1006 isolator module is also UL listed as a commercial proprietary burglar alarm accessory.

## COMPATIBILITY REQUIREMENTS

To ensure proper operation, these modules shall be connected to listed compatible Honeywell control panels only.

**NOTE:** The number of devices that may be installed between fault isolator modules will vary based on the types of devices being isolated. Contact the fire alarm control panel manufacturer for the isolator load ratings of individual devices.

## MOUNTING

TC811A1006 modules mount directly to 4" square electrical boxes. The box must have a minimum depth of 2 1/8".

## WIRING

**CAUTION:** Do not connect circuit wiring to control unit or modules, or apply any power to any portion of the system until after the circuit test has been performed. Contact Honeywell prior to starting the installation.

**NOTE:** All wiring must conform to applicable local codes, ordinances and regulations.

1. Install module wiring in accordance with the job drawings and the wiring diagram in Figure 1.
2. Secure module to electrical box (supplied by installer).
3. Terminal wire gage: 12-18 AWG.

**FIGURE 1. FAULT ISOLATOR MODULE WIRING:**

