P/N 92237001 • Rev C • ECN 11-205 • 9/8/2011

***Warranty:*** *If this unit fails during the warranty period, contact tii customer service to authorize return. Unit may be returned prepaid.*

tii network technologies

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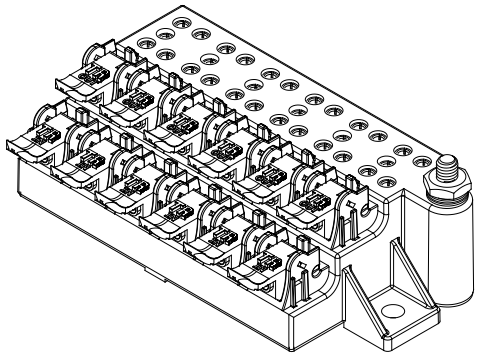


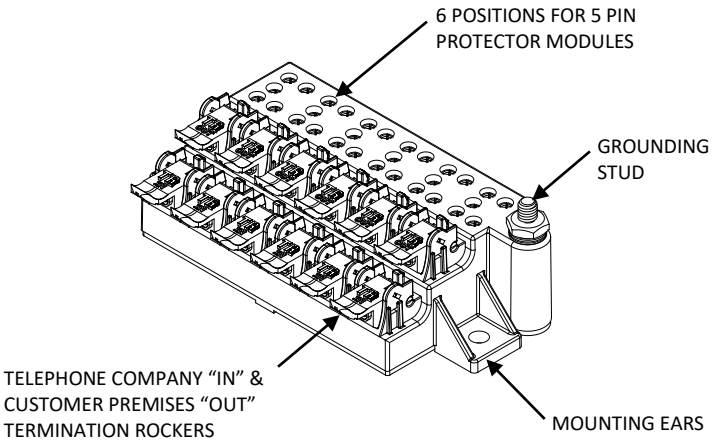
**Model IF006PFNOPM**
6 PAIR PROTECTOR

# Installation Note

## Description

1. The TII IF006PFNOPM is a 6 pair indoor protector unit with tool-less IDC outputs and inputs. This unit allows up to (6) 5-Pin Protector Modules which when installed will protect sensitive circuitry by responding to surges and overvoltage surges. The TII IF006PFNOPM also utilizes gel sealed insulation displacement input and output rocker terminations which provide reliable connectivity and are used to terminate 26-22 AWG solid wires. This unit comes with a grounding post and mounting screws.
2. The TII IF006PFNOPM is a surface mount unit which may be mounted to a wall surface.

## Features




## Installation

**General Notice:**

1. Installation of the TII IF006PFNOPM must be in accordance with the local Codes and Article 800 of the National Electric Code, ANSI/NFPA 70.
2. The TII IF006PFNOPM is intended for indoor use.
3. In a typical installation the TII IF006PFNOPM is installed ahead of all telephone connections inside the customer premises. The unit must be installed at the point of service wire entry. All customer premises wiring is then fed from the IF006PFNOPM Protector unit.
4. Each input terminal of the model IF006PFNOPM protector is rated for 22 to 26 Awg wire. This cabling shall be coordinated with a dedicated 'fuse link' wire that is at least 2 gauge wire sizes smaller than the conductors employed in the cable connected to the protector module and telecommunication equipment.

**Installing the Baseboard Jack:**

1. Mount the unit to the wall as required, using the (2) #8 screws provided.
2. Install the grounding wire to the grounding stud and secure with the washer and nut supplied with this unit.
3. Identify and isolate the incoming telephone company wires from the customer premises wiring.
4. Install the tip and ring wires from the telephone company into the IDC rocker (marked "IN"). Do not strip the wires. Pull up the IDC rocker to the fully open position & insert the Telco wires until they bottom out (See Figure 1).

5. Push down the IDC rocker to the closed position for termination. See Figure 2 for wiring.
6. Install the inside customer premises wiring into the IDC rocker (marked “OUT”). Do not strip the wires. Pull up the IDC rocker to the fully open position & insert the customer premise wires until they bottom out (See Figure 1).
7. Push down the IDC rocker to the closed position for termination. See Figure 2 for wiring.

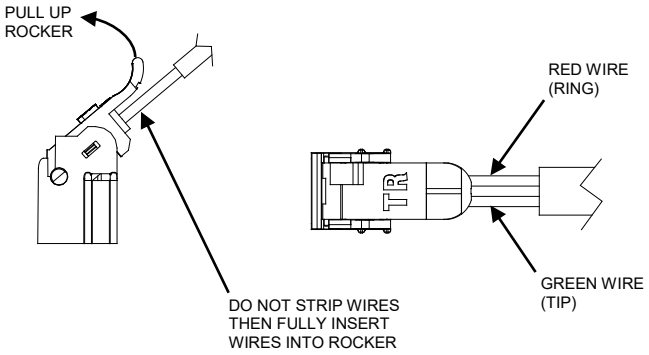



**Figure 1**

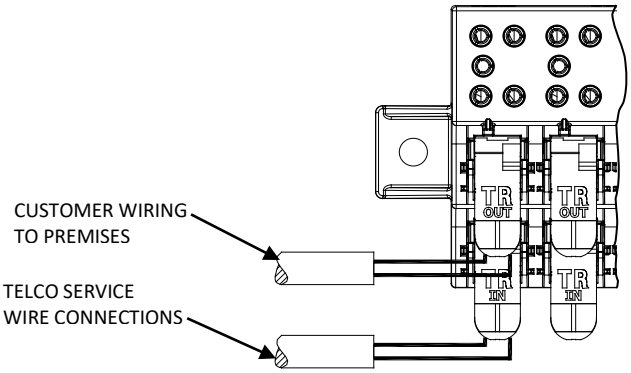



**Figure 2**

## Final Installation Step

1. Install the required 5 Pin Protector Module required (not included) into the unit, in line with the corresponding wired rocker terminations (See Figure 3).
2. Plug the 5 Pin Protector Module into the Protector Module Mounting Field (See Figure 3). The Protector Modules and the Protector Module Mounting fields are keyed to install only one way. To connect and protect the central office side and outside plant cable pair, the module must be fully inserted. The ground pin will provide continuity to the connector base ground terminal in both the fully inserted and detent positions.
3. To place the module in the detent position, pull up on the module approximately 1/8” until you feel the detent position itself in the base terminals. By placing the module in the detent position, the subscriber or central office equipment will now be disconnected from the outside plant pair, but the outside plant cable remains protected.

## Testing

1. For 5 Pin Protector modules that come with test points, and with the 5 Pin Protector fully seated, insert the test clips into the tip and ring test port access holes located at the top of the module. This will test the outside plant (Telco) connections. Perform the customary tests (See Figure 3).
2. To test the central office (customer premises) you must put the module in the detent position. Then insert the test clips into the tip and ring test port access holes located at the top of the module. Perform the customary tests (See Figure 3).

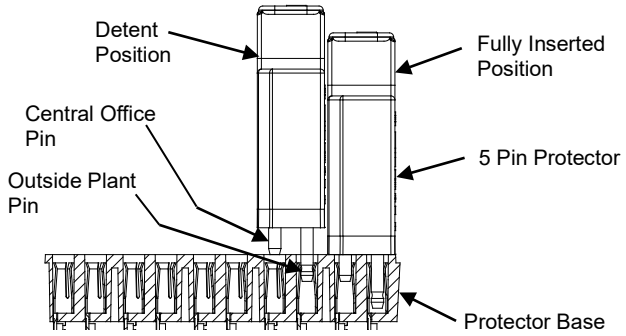



**Figure 3**