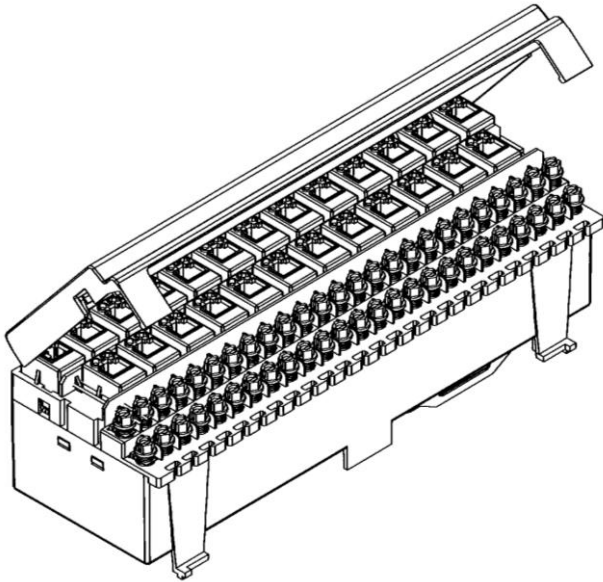
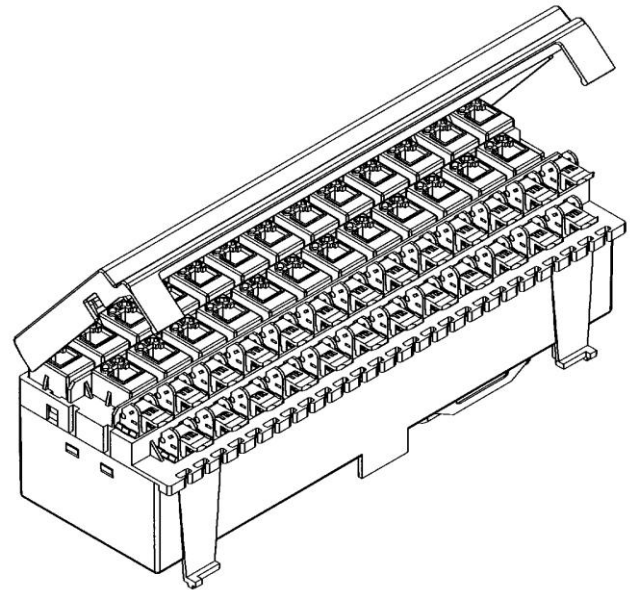


## INSTALLATION NOTE



**FIGURE 1**  
(SCREW TERMINAL VERSION)  
8925B SERIES



**FIGURE 2**  
(INSULATION DISPLACEMENT CLIP VERSION)  
8925A SERIES

### 1. General

1.1 This installation note describes the installation of the tii 8925 Series (25-line) Indoor Network Interface (INI) manufactured by tii.

### 2. Description

2.1 The 8925 Series INI is a demarcation device that separates subscriber-owned from telco-owned wiring. The demarcation is provided by a RJ-11 test jack for each of the 25 lines inside the unit. The compact design of the 8925 Series INI allows for easy installation in areas with limited space.

2.2 The unit is designed for use in place of a 66 block. Using the same footprint as the 66 block, the 8925 Series INI is easily installed to an 89B or 89D bracket (Figure 3).

2.4 The subscriber interface panel includes a hinged cover with wiring/testing instructions.

### 3. Precautions

**▲WARNING:** Do not install this unit or work with telephone wiring during a lightning storm. Telephone lines can carry high voltages from lightning, which can cause electric shock resulting in severe injury or death.

**CAUTION:** Avoid the possibility of electric shock from ringing voltage, when installing this unit or working with telephone wiring. Temporarily disconnect the subscriber wiring, by inserting an RJ-11 plug in the jack at the location you will be wiring. Never touch un-insulated wiring or terminals unless the line has been disconnected.

FIGURE 4

#### 4. Tools and Equipment

The normal complement of mechanical tools is recommended for mounting and wiring the unit.

#### 5. Mounting

Using an 89B bracket, simply snap the 8925 Series INI on to the bracket (Figure 3).

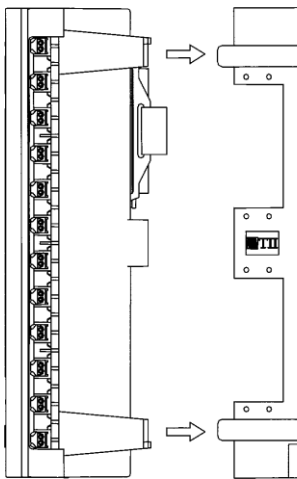
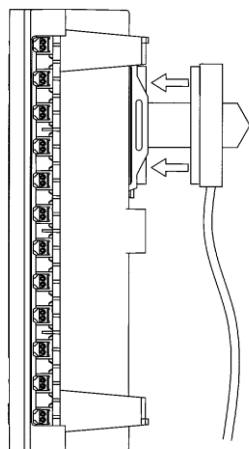


FIGURE 3

#### 6. Telco Wiring

6.1 The 8925 Series INI is provided with an RJ-21 connector on the rear of the unit. Telco connection is made by means of a 25-pair wired standard male connector that is secured to the back of the unit with the provided hook-and-loop strap (Figure 4).



#### 7. Subscriber Wiring – Screw Terminal Version – 8925B Series (Figure 1)

7.1 Open the orange cover and temporarily disconnect the subscriber wiring by inserting an RJ-11 plug in the jack at the location you will be wiring.

7.2 Route subscriber wires through the wire rungs attached to the subscriber bridge you will be using. Strip off about 1/2 inch of insulation from each wire (see Figure 7).

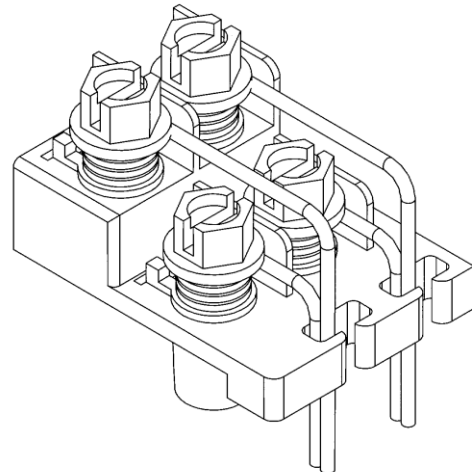


FIGURE 7

7.3 Loosen the terminal screws about one turn and wrap the stripped wires under them – between the washers. Match wires, color-to-color (example: red wire to terminal post marked red, or a letter “R, green wire to a terminal post marked green or “G” and so on). Retighten the terminal screws (see Figure 7).

7.4 Remove the temporary inserted RJ-11 plug from the modular plug.

7.5 Use approved practices to test the line.

#### 8. Subscriber Wiring – IDC Terminals (Figure 2)

Open the orange cover and temporarily disconnect the subscriber wiring by inserting RJ-

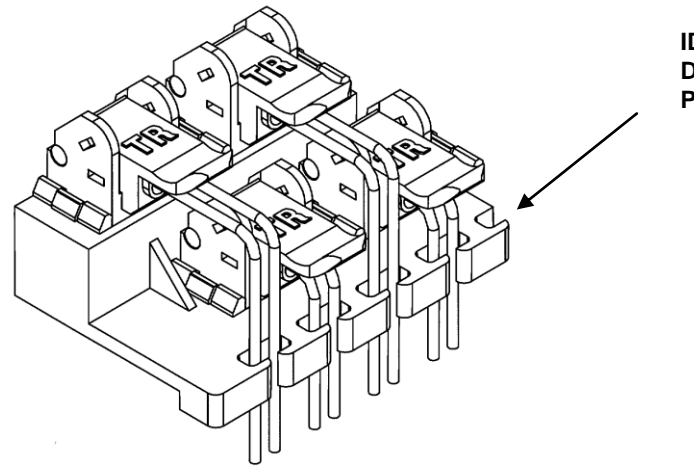
11 plug in the jack at the location you will be wiring.

## 8.2 Wiring the IDC terminals:

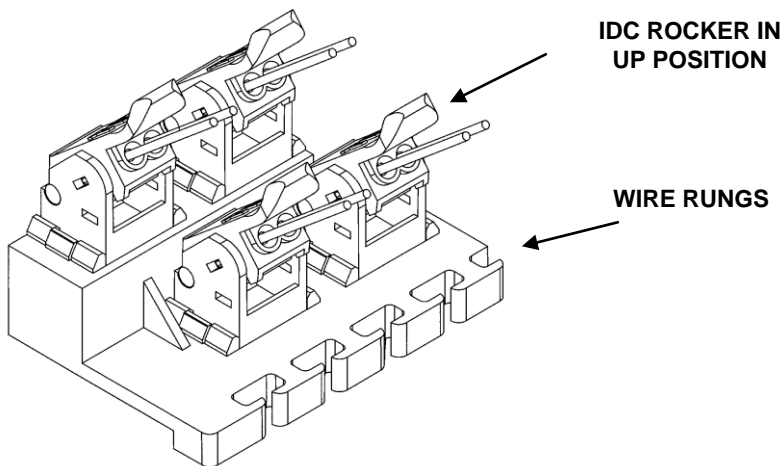
- a) place IDC rockers in up position (Figure 5);
- b) match wires, color-to-color (example: red wire (ring) to red rocker; green wire (tip) to green rocker);
- c) fully insert wire into the proper hole of the IDC rocker;
- d) close rocker to full down position to terminate pair (Figure 6).

**8.3** Route subscriber wires through the wire rungs attached to the subscriber bridge you will be using (Figure 6).

**8.4** Use approved practices to test the line.



**FIGURE 6**



**FIGURE 5**