

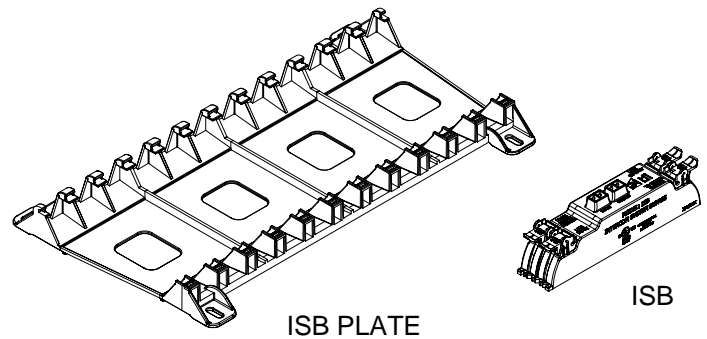
Warranty: If this unit fails during the warranty period, contact tii customer service to authorize return. Unit may be returned prepaid.



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Model ISB
Intercom System Bypass

Model ISB PLATE
12 Position Panel

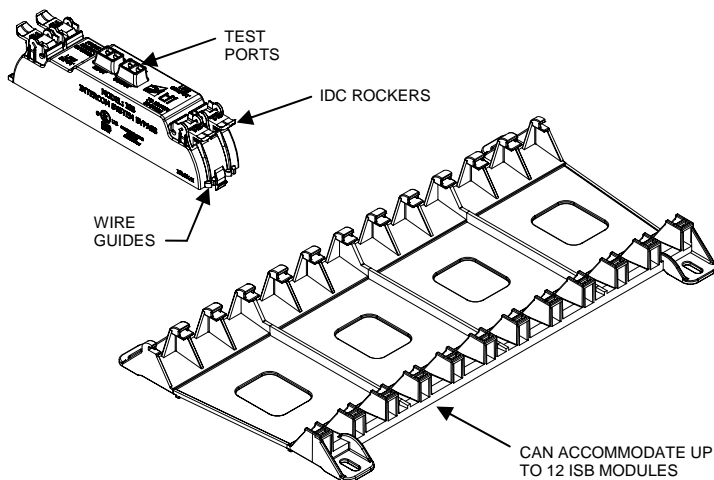


Installation Note

Description

1. This Installation Note covers the description and installation of the TII ISB and ISB PLATE. The TII ISB is deployed in conjunction with the TII ISB PLATE panel. The TII ISB is supplied as an individual module. The ISB PLATE can accommodate up to 12 TII ISB modules. The TII ISB has been designed to provide DSL signal bypass in MDU applications where POTS lines with DSL signals are required to interface with intercom systems. The TII ISB should only be used for indoor applications. IDC rockers are used to terminate 26-22 AWG solid wire. Test points are provided to test signal integrity at input and output IDC's.

Features



Installation

1. Locate a suitable flat, dry area to install the ISB PLATE panel.

NOTE: The ISB modules and the ISB plate must be located in a restricted Telco personnel access only area of the building.

2. Mount the ISB PLATE panel with (4) #8 Sheet Metal Screws (Hardware Not Supplied). Refer to Figure 1 for ISB PLATE mounting dimensions. If the ISB PLATE panel is already installed, identify the position in which the TII ISB module is to be installed.
3. Holding the module on an angle as shown in Figure 1, engage the left side fingers under the catch on the ISB PLATE panel. Slowly lower the module and align the latch with the panel and engage module to the panel. Confirm that the module is securely engaged to the panel.

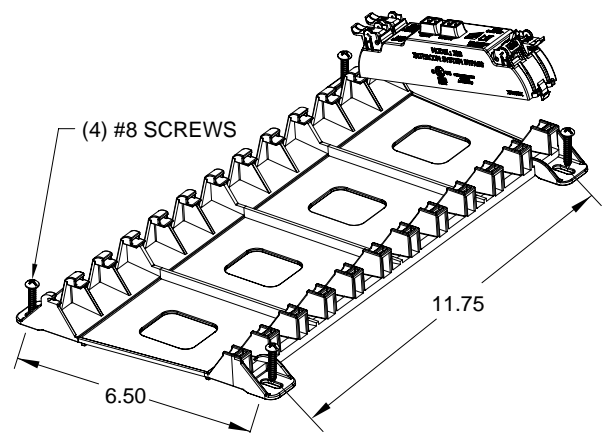


Figure 1

4. Lift the Line Input rocker for the Telco service wires to the full up position. DO NOT strip wires (See Figures 2 & 3).
5. Insert the Telco service wires into the wire guides simultaneously until they bottom-out. While holding wires in position, terminate into Line Input rocker by lowering to the full down terminated position (See Figures 2 & 3).

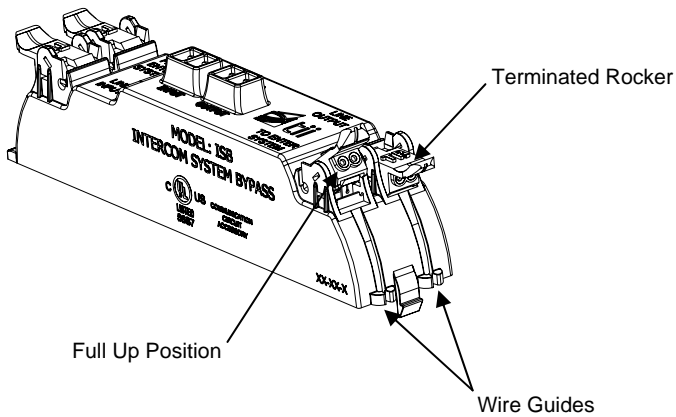


Figure 2

6. Lift the From Enter System rocker to its fully upright position. Insert the enter system output wires into the From Enter System marked rocker. While the wires are fully inserted, lower the rocker fully down to complete the Enter System Output wire termination (See Figures 2 & 3).
7. Terminate the customer wiring onto the Line Output rocker on the right side of the module. Insert wires into the customer rocker holes. While assuring that the wires are fully inserted lower the rocker to its fully seated position (See Figures 2 & 3).

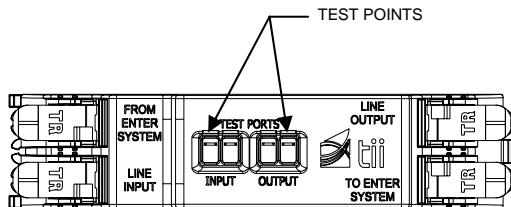


Figure 3

8. Terminate wire pair serving as input to enter system at the rocker labeled To Enter System on the right side of the module. Follow the procedure described above for the wire pair termination (See Figures 2 & 3).

9. To keep wire pairs organized, route them through the molded wire guides (See Figure 2).
10. Connect test clips to input test port and make sure POTS line dial tone is present. Repeat testing for the output connections using output test port.
11. Refer to Figure 4 for the ISB module functional schematic.

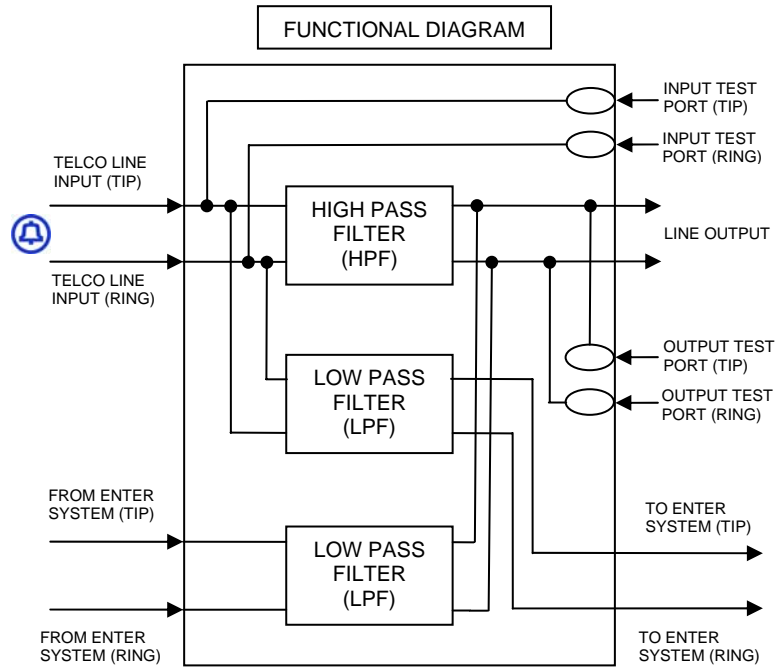


Figure 4