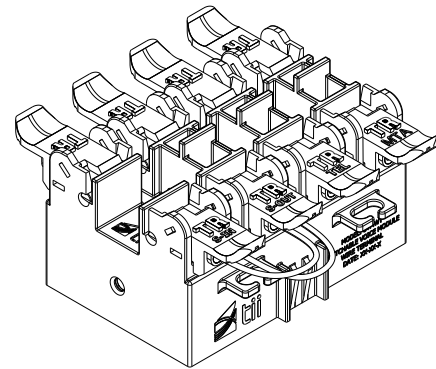Warranty: *If this unit fails during the warranty period, contact tii customer service to authorize return. Unit may be returned prepaid.*

tii network technologies

141 Rodeo Drive
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Model SVMWT
Switchable Voice Module
Wire Terminal

Installation Note

Features

Figure 1

Description

1. The tii SVMWT can be mounted indoors or outdoors. If mounting outdoors the tii SVMWT should be mounted in a weatherproof housing.

2. The tii SVMWT has been designed to provide automatic switching of telephony service from Telco to Digital Voice when the number is ported. Porting is completed by second ringing voltage appearance on Digital Voice Service line.
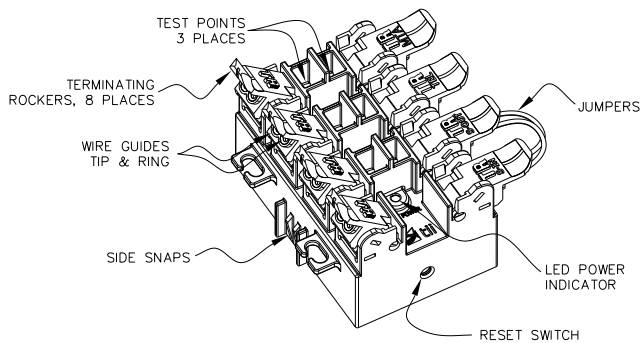
3. The SVMWT gets its power from the Digital Voice Service line, and switches to Digital Voice Service after validating telephone ringing voltage presence on this line. The green LED will blink slowly when the SVMWT is receiving power from the Digital Voice Service Line.

4. The SVMWT can be reset by using the reset push button accessible on the side wall of the device. The SVMWT must be powered by the ATA / EMTA for the reset function to operate.

5. IDC rockers are designed to accept 26-22 AWG solid wire for termination.

WARRANTY

1. See tii Warranty. If this unit fails during the warranty period, contact tii customer service to authorize return and return the unit prepaid. Units that fail due to normal wear or abuse should be discarded.

INSTALLATION

1. Remove the unit from the bag and inspect it for damage. If damaged, obtain another unit.

2. Line up with side snaps in the 168 enclosure and press into place.

3. Lift the blue rocker for the digital voice service wires (MTA) to the full up position. (See Fig. 2)

NOTE: Wires do not require stripping for terminations to the IDC rockers described in the following steps.

4. Insert the Digital Voice Service wires from ATA / EMTA into wire guides simultaneously until they bottom-out. While holding the wires in position, terminate them into the MTA (Blue) rocker by lowering it to the full DOWN position. (See Fig. 2) If the ATA / EMTA is supplying power to the SVM, the green MTA power LED provided on the line will start to blink.

5. Disconnect the customer premises wiring from the Telephone Network Interface Device (NID). Install a wire pair from the Telephone NID (where the customer premises wiring was disconnected) to the rocker labeled Tel (Green/Red) on the SVMWT. Follow the procedure described in step 4 for the wire pair termination.

6. Re-terminate customer premises wires onto the Green/Red rockers provided on the SVMWT. Straighten the ends of the wires, cut kinked and stripped ends. Follow the procedure described in step 4 for the wire pair termination.

7. If a security alarm is installed at the customer premises, remove the Green/Red wire jumpers from the Orange S-Out and S-In rockers by lifting the rockers up and pulling the jumper wires out. (See Fig. 1)

8. Terminate the wire pair going to the security alarm system in the rocker marked S-Out. Terminate the wire pair returning from the security alarm system in the rocker marked S-In.

9. To keep wire pairs organized, route them through the molded wire looms. (See Fig. 2)

10. **IMPORTANT:** This unit **MUST** be reset during initial installation. Refer to procedure described below for MTA Power Reset.

RESET

1. Confirm that the power is connected to the MTA (Blue) rocker of SVMWT.

2. **Gently** push the reset button once with a blunt object to ensure the service to the customer is switched from Digital to Telco. (See Fig. 1)
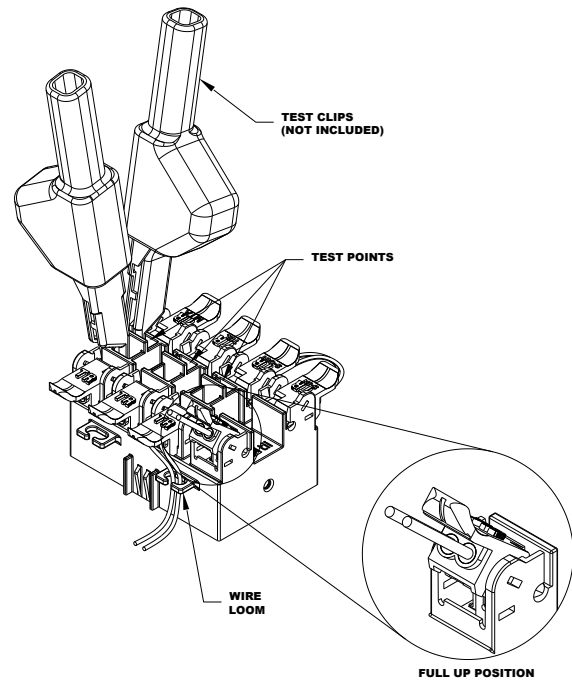

Figure 2

NOTE:

THE RESET SWITCH IS DISABLED DURING RINGING VOLTAGE PRESENCE AND TEN SECONDS AFTER THE LAST RINGING VOLTAGE.

CAUTION:

TO AVOID PERMANENT DAMAGE TO RESET BUTTON DO NOT USE EXCESSIVE FORCE OR A POINTED OBJECT TO ACTIVATE THE RESET BUTTON.