tii network technologies

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tii 68T-2S-4 / 169T-2S-4 Series
Sealed 12-Pair Wire Termination Block
Wire Terminal Housing
Wired and Labeled for Home Security
Rev C 12/07

INSTALLATION NOTE

tii 169T-2S-4   **tii 68T-2S-4**

1.   GENERAL

1.1 The tii 169T-2S-4 Series Sealed Wire Termination Housing is used for installing tii 68T-2S-4 Series Wire Termination Blocks where connections are needed for a home security system and customer telephone wires. This installation note applies to both of these products.

1.2 The tii 169T-2S-4 can be mounted indoors or outdoors using the standard hardware provided.

2. INSTALLATION

2.1 Installation is accomplished using standard technician tools.   The Insulation Displacement Contacts (IDC) are achieved using gel sealed rockers.

2.2 IDC Terminations accept 26-22 AWG solid wire.

2.3 Remove the tii 68T-2S-4 / 169T-2S-4 products and inspect them for damage.   If damaged, request another unit.

2.4 Locate a suitable flat, dry area to install the unit. Use two size #8 screws to mount the unit. Install the tii 68T-2S-4 Series Termination Block.

2.5 Lift the rocker labeled MTA to the full up position. DO NOT strip wires. Hold the wire pair from MTA to be terminated between thumb and index finger Insert wires into wire guides simultaneously until they bottom-out. While holding wires in position, terminate rocker by lowering to the full DOWN position (See Figure 1).

2.6 Terminate wires going to and from security system, and customer telephone wires as required following the above steps and using Figure 2 as reference.
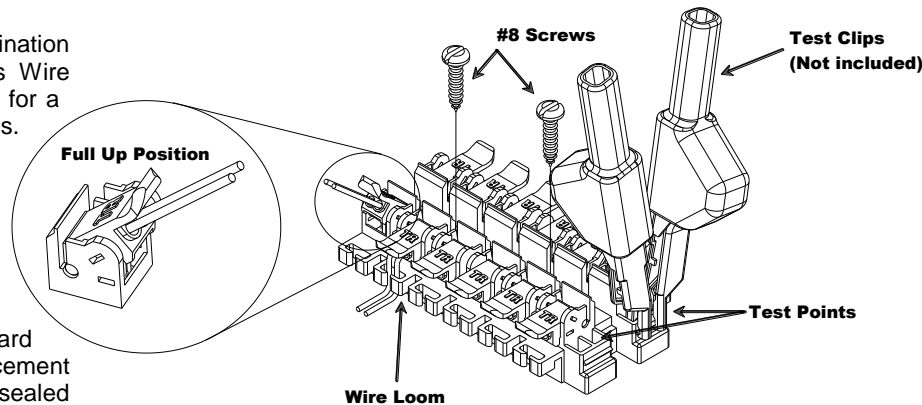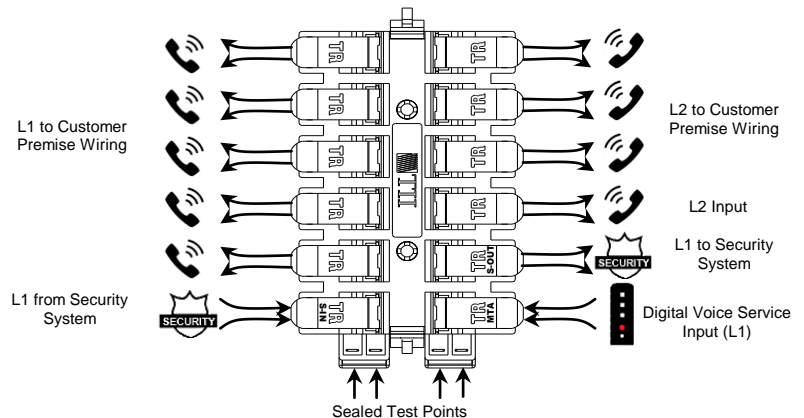
2.7 Test for line continuity using the test points. (Figure 1).

2.8 Dress up the wires properly inside the housing and close the cover. A suitable tie wrap can be used for added security.

Note:
When it is necessary to terminate to the block with a wire larger than 22awg we suggest splicing 22awg or smaller wire to the larger wire using a miniature terminal splice such as 3M's Scotchlok #UR2 (19-26awg max, .155 dia. Insulation) or #314 (14-22awg, max, .082 dia. Insulation).

Figure 1

Figure 2