

## INSTRUCTION / INSTALLATION SHEET

- 4 X 12 Telecom Module w/RJ-31x
- 4 X 12 Telecom Module w/RJ-31x & Configurable Primary Line

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### IS-0348 Rev. A

### 1. INTRODUCTION

The On-Q/Legrand 4 X 12 Telecom Module w/RJ-31x (P/N TM1478) and 4 X 12 Telecom Module with Configurable Primary Line w/RJ-31x (P/N TM1475) are members of our flexible family of Telephone Distribution Modules, each of which offers different combinations of line pin-outs to more closely match homeowner needs (see **Figure 1**).

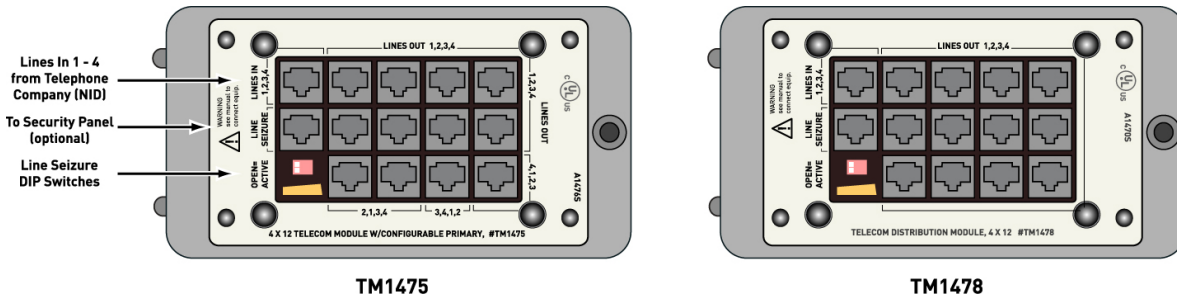
### 2. DESCRIPTION

The On-Q/Legrand 4 X 12 Telecom Modules distribute four incoming telephone lines to as many as 12 locations throughout the home (see **Figure 2**). The module's plug and connect design makes line reconfiguration simple, and offers the following benefits:

- Includes single bay bracket (P/N 364890-01) for mounting in On-Q style enclosure
- All connectors 8-Pin 8-Conductor (RJ45) wired to T568A
- All ports meet TIA 568A Category 3 specifications
- Verified to comply with FCC Part 68 for unregistered equipment
- 50 microns gold plated contact points
- Accepts four incoming telephone lines
- Advanced surge protection with automatically resetting fuse
- Line 1 is available at 8 locations (TM1475) or 12 locations (TM1478)



**Figure 1**



**Figure 2**

### 3. INSTALLATION

#### A. MOUNT THE 4 X 12 TELECOM DISTRIBUTION MODULE INTO THE ENCLOSURE.

1. Pull out each of the plungers which are located at each corner of the 4 X 12 Telecom Module
2. Insert the module into the included single bay bracket and depress each of the four plungers to secure the module to the bracket
3. To mount the bracket (with module) into the enclosure, insert the tabs on the left side of the bracket into the slots in the enclosure and push the bracket pushpin into an appropriate hole in the enclosure to secure the bracket (with module) to the enclosure

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#### B. TERMINATE WIRING

**NOTE: All wiring should be terminated to the T568A wiring standard as shown in Figure 3.**

1. Terminate the incoming Cat 5e line from the telephone company NID to the T568A wiring standard.
2. Terminate each Cat 5e line (up to 12 total) that will be used to connect to each voice jack location.
3. Insert the RJ45 connector on the Cat 5e line from the telephone company NID into the RJ45 jack on the module that is labeled "LINES IN 1,2,3,4"
4. Insert the RJ45 connectors on the Cat 5e lines from the voice outlets into any of the 12 RJ45 jacks on the module that are labeled "LINES OUT 1,2,3,4".

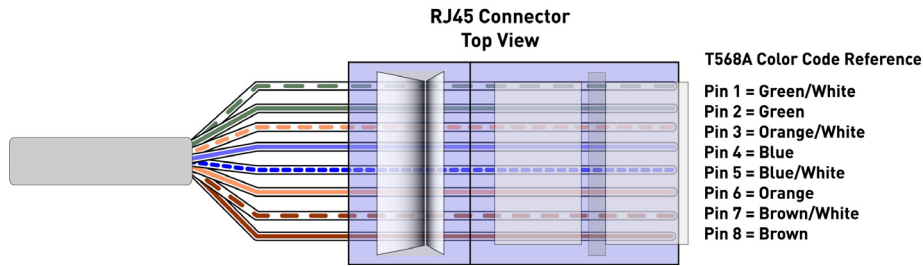


Figure 3

#### C. TERMINATE AND CONFIGURE RJ-31X LINE SEIZURE (OPTIONAL)

**NOTE: The following steps MUST be followed to use the Line Seizure option as shown in Figure 4.**

1. Terminate a patch cable with a RJ45 on one end and bare-wire connection on the other. Connect the bare-wire end of the patch cable to the security system according to manufacturer's instructions. Insert the RJ45 connector end of the cable into the RJ45 jack on the module that is labeled "LINE SEIZURE".
2. Activate the Line Seizure function on the module by locating the two white dip switches on the module, peeling off the protective blue tape, and moving both switches upward to the active position.

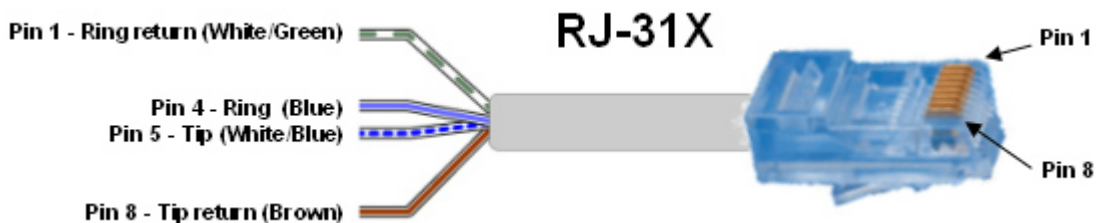


Figure 4