

INSTRUCTION/INSTALLATION SHEET

NETWORK INTERFACE MODULE

IS-0012 REV.E

1. Introduction

The On-Q Home Network Interface Module provides a convenient structured interconnect for local area network (LAN) applications, such as 10/100 BASE-T Ethernet. The Network Interface is a group of interconnects that run from a 110 punch-down block to a RJ45 connector while maintaining Category 5E performance. The modules are for mounting in On-Q Home Service Center Enclosures.

2. Description

Each Network Interface module has eight 4 pair 110 punch-down connectors for connecting to On-Q Home outlets. The punch-down connectors are connected to individual RJ45 connectors, which provide the interface to the LAN. The Network interface module occupies three vertical inches and half the width of the enclosure.

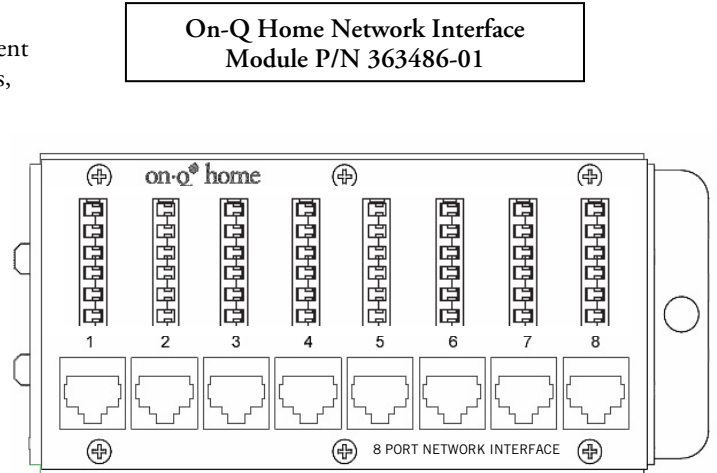


Figure 1

3. Installation

A. Mounting in enclosure

- 1) Align tabs on module with slots on the rear of the enclosure.
- 2) Insert tabs by angling module away from the back of the enclosure.
- 3) Rotate the module and insert fasteners on module into corresponding holes on the rear of the enclosure. (Plunger must be in a pulled position for fastener to engage hole.)
- 4) Push plunger in to lock module in place. Pull on module to assure module is locked properly in place.

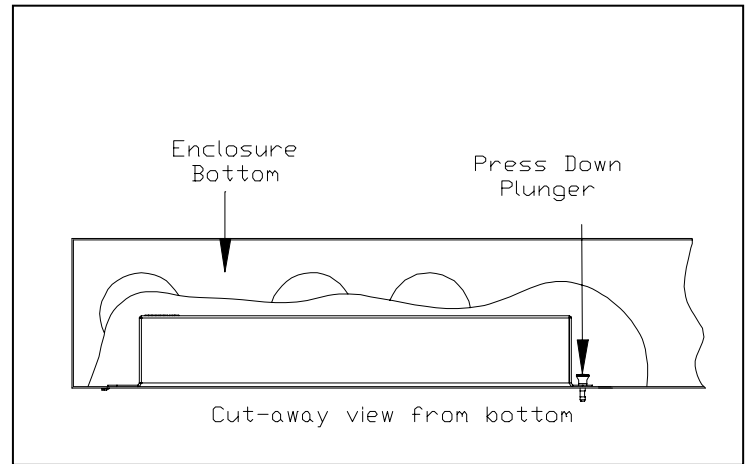
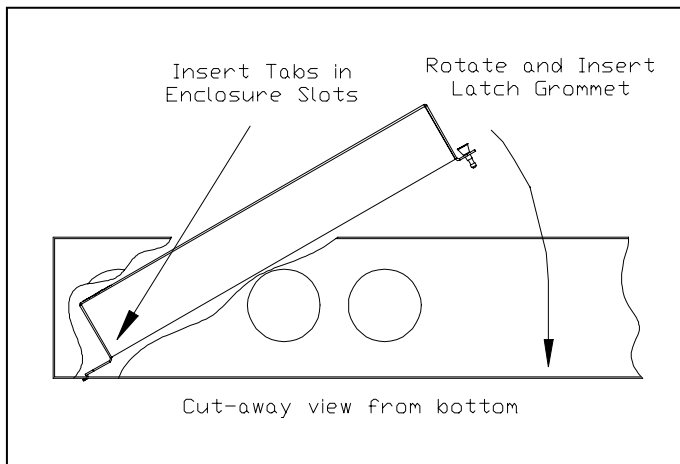


Figure 2

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B. Port - Outlet cable termination

- 1) Identify outlet cable and route to one of the numbered 110 punch-down blocks. In routing cable allow slack for bundling to the side and avoiding other cable terminations. Trim cable about 2 inches beyond connector.
- 2) Strip off approximately 4 inches of the outer jacket using strip tool 363292-01 or equivalent.
- 3) Position pairs over color-coded slots on the connector.

Note: Do not untwist pairs.

Note: White wires may not have color trace stripe. Keep white wire paired with appropriate colored wire based on twist.

- 4) Without untwisting cable, position the wires in individual slots per figure 3.
- 5) Punch-down and trim wires using punch-down tool 363293-01 or equivalent.
- 6) Remove excess wire and tug slightly on cable to assure wire is securely installed in connector.
- 7) Record room number to connector number.
- 8) Repeat until all outlets are connected.

C. Securing Cables

After all cables are connected to the module the cables should be bundled and grouped to allow ease of maintenance. Wire management straps, P/N 363491-01, may be used to bundle cable.

