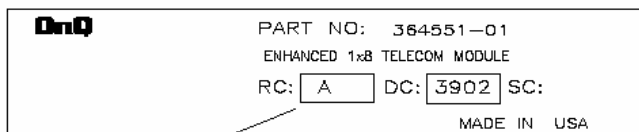
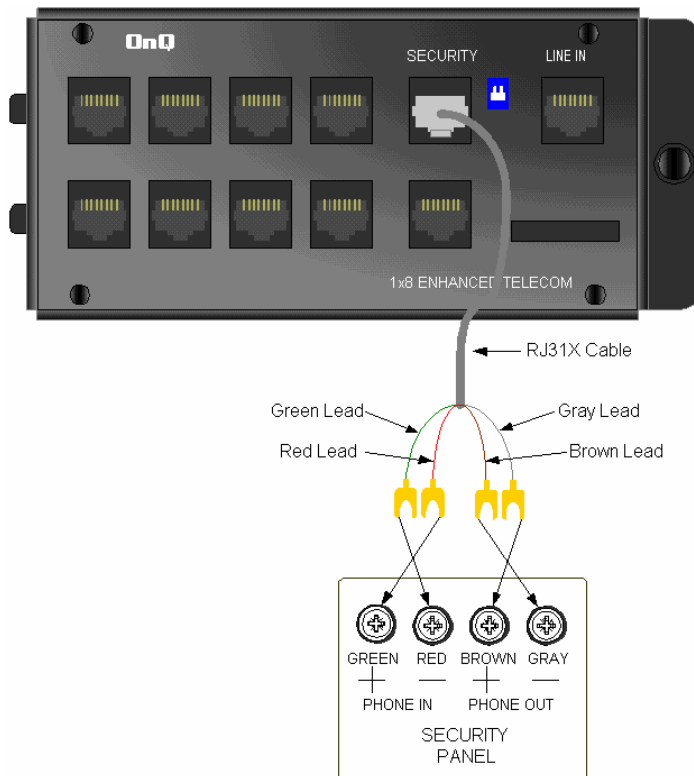


Overview

This Technical Bulletin addresses installation of the OnQ 1x8 Enhanced Telecom Module (Part No. 364551-01, Revision A) in combination with polarity sensitive security panels. If connection to a security panel is made via a standard configuration RJ31X cable, the line voltage polarities presented to the security panel's phone line connection terminals will be opposite to the voltage polarity at the "LINE IN" connector jack of the 1x8 Enhanced Telecom module.

Note: This Technical Bulletin applies only to Part No. 364551-01, Revision A 1x8 Enhanced Telecom Modules. The revision level may be verified by viewing the product label on the side of the module. The revision level will appear as "RC: A" on the product label.



Revision Level

Solution

If the security panel is sensitive to phone line voltage polarity reversals, the leads of the RJ31X may be reversed to maintain proper voltage polarities at the security panel's phone line connection terminals.

Typically, security panel phone line connection terminals are labeled as "GREEN", "RED", "BROWN" and "GRAY"

- Green (positive polarity from TelCo NID)
- Red (negative polarity from TelCo NID)
- Brown (positive polarity to house phones)
- Gray (negative polarity to house phones)

To maintain proper phone line voltage polarities, connect the RJ31X leads to the security panel phone line connection terminals as shown in the diagram.