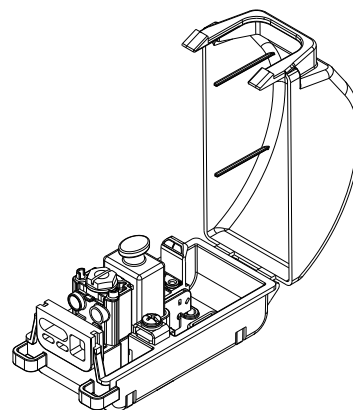


Warranty: If this unit fails during the warranty period, contact tii customer service to authorize return. Unit may be returned prepaid.



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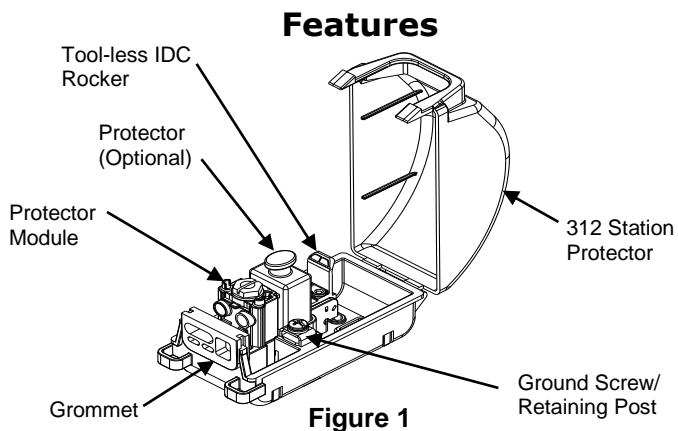
Model 312 Series
Station Protector



Installation Note

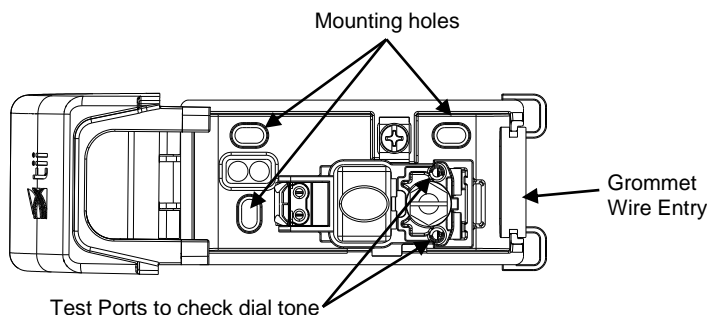
Description

1. The TII 312 Series is a Station Protector which consists of a DRM Series Surge Protector Module in a 312 Protector Enclosure with a molded in ground stud.
2. The 312 Protector Enclosure has a removable grommet located in the center of the base lip to allow Telco cable, customer cable and grounding conductor penetration. It is equipped with a universal grounding and mounting tab. (See Figure 1).
3. The TII DRM Series Station Protector Module utilizes gel-sealed screw drive IDC input connections & tool-less output IDC rockers. They are also equipped with integral sealed test points for ease of troubleshooting.
4. All ports accept .4mm to 1.5mm awg wire.
5. The TII DRM Series Station Protector Modules are equipped with removable 5 pin protector modules and are available in non-protected and protected versions.



Installation

1. Mount the station protector so as to minimize the possibility of dirt or moisture getting into the protector.
2. Station protectors mounted side-by-side or end-to-end should be placed so covers can be easily removed.
3. Where protection for multiple services is required, it is recommended that a protected building terminal in an interior terminal box be installed in place of station protectors.
4. Mount the station protector vertically on a flat surface utilizing the mounting holes shown in Figure 2 and using the appropriate hardware (the length of the mounting screws should allow for 1/8" of length within the protector).



Wiring

1. Insert input, output & ground wires through the grommet as required.
2. Do not strip wire insulation. Make certain wire ends are cut flush with insulation for all input and output connections.
3. Unscrew Protector Module Driver Screw to the full upright position (See Figure 3).
4. Fully insert the two input wires into their respective tip and ring (color-coded) ports.
5. Insert while holding the two input connection wires in place. Ensure wires are fully inserted beyond the IDC connector. Tighten the Drive Screw to the full down position (See Figure 3). **Pull on wires to ensure proper connection. Wires should remain securely in place.**
6. Lift rocker to the full up position (See Figure 3).
7. Hold the wires between thumb and index finger (approx. 1/8" separation between wires).
8. Fully insert the output wires into wire their respective tip and ring (color-coded) ports at the same time until they bottom out.
9. While holding wires in the wire guides, terminate rocker by lowering rocker all the way.
10. Assure the rocker is in the down position (See Figure 3). **Pull on wires to ensure proper connection. Wires should remain securely in place.**
11. Unscrew the ground screw and insert the ground wire into the grounding retainer post. Once inserted, tighten the ground screw to hold the ground wire firmly in place (See Figure 3). Be sure the other end is attached to an appropriate ground source.

Testing

1. Insert test probes into test ports (See Figure 2) to check for dial tone.

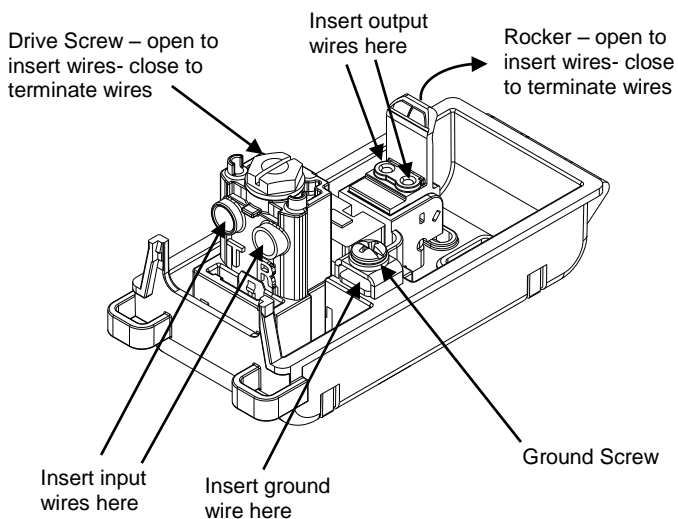


Figure 3