# Instructions for ATC-400/600/800 Options Upgrade Module

## INTRODUCTION

This instruction leaflet applies to the Options Upgrade Module for the ATC-400, ATC-600 and ATC-800. The Options Upgrade Module, which is pre-loaded with the specific upgraded options, performs a one-time options upgrade to the ATC-400/600/800. The Options Upgrade Module gets power from the ATC-400/600/800 and needs no other source of power. The Options Upgrade Module operates over a temperature range of 0°C to 70°C.

## INSTALLATION

The ATC-400/600/800 Options Upgrade Module is designed to be installed, operated and maintained by adequately trained personnel. Care must be exercised to comply with local, state and national regulations, as well as safety practices, for this class of equipment.

## NOTICE

**Make sure the generator is switched to the OFF position.**

**1)** If a PONI (Product Operated Network Interface) is connected to the ATC-400/600/800 at the J13 receptacle, disconnect it at the connector after powering down the ATC by disconnecting J7 (bottom right hand cormer looking at the back of the IQ), otherwise just disconnect J7.

**2)** Connect the ribbon cable plug from the Options Upgrade Module to the J13 receptacle on the ATC400/600/800.

**3)** Re-apply the ATC control power by reconnecting J7.

## OPERATION

After the Options Upgrade Module has been connected to the ATC-400/600/800, the new options are automatically downloaded to the ATC. The Options Upgrade Module can only download one set of new options to any one ATC. After it has performed one download, the module cannot be used again until it is re-programmed at the factory. Please return to:

**Cutler-Hammer ATS Marketing Department**
**One Tuscarawas Road**
**Beaver, PA 15009**

During this upgrade process, the Status LED will reflect the status of the upgrade process as shown in the following table.

| Status LED | Status of Upgrade |
|---|---|
| Flashing Red/Green | Initialization (4 seconds) |
| Solid Green | Uploading existing options from IQ Transfer |
| Solid Red | Downloading new options to IQ Transfer |
| Flashing Green | New options successfully downloaded to IQ Transfer – Wait for program to appear on display and extinguish before disconnecting J7 |
| Flashing Red | Unsuccessful download – Contact the factory |

**NOTE: If after the 4 second initialization, the Status LED begins a rapid red/green flash, disconnect the Options Upgrade Module and then reconnect it to the ATC-400/600/800.**

**REVERSE STEPS 1, 2 AND 3 AND RETURN THE GENERATOR TO AUTOMATIC/REMOTE START.**

## SERVICING

There are no serviceable parts on the ATC Options Upgrade Module. The user should not attempt to service this equipment. Please contact the factory if there are additional questions regarding the Options Upgrade Module.

## SETPOINT PROGRAMMING

After adding options with the ATC Options Upgrade Module, any setpoints associated with these new options will be programmed to default values. The user should re-program these options to the desired values.

**Cutler-Hammer**
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