



Modem Upgrade Package

Bulletin Number

#2003004R2

Affected Products

All Allen Bradley PLC controlled products, including but not limited to:

- Hartley Compactability Controllers
- Simpson Model 3818 Compactability Controllers
- Simpson Multi-Coolers
- Simpson Core Sand Machines
- Beardsley & Piper Scrubbers
- Beardsley & Piper Gas Generators

Part Number:

- Simpson MODEM kit - 0072691

Revision Date

April 1, 2004

The Issues

Until now, troubleshooting or modifying PLC programs by Simpson control engineers or service engineers required a visit to the customer location. This could be expensive and required waiting for the service engineer to arrive.

The Solution

The Modem upgrade package allows customers using Simpson products to have Simpson engineers help troubleshoot problems with the equipment or modify the PLC program over the telephone lines at less cost than having a site visit. With the MODEM kit, Simpson personnel from the corporate office could view and modify the PLC program that is operating the machine during operation. The MODEM could be turned on or off by the customer to prevent unauthorized access.

The Modem Kit comes complete with serial cables as well as adapters and gender changers to match Allen Bradley SLC 500 series and Micrologix's processors. Also included is a 24vdc adapter that could be plugged into any 115Vac receptacle. The Modem snaps onto standard Din rail that is typically available in the machines control panel so mounting could be done in just a few seconds.

The Modem kit allows the user to quickly connect the PLC to any standard phone line. This will allow Simpson engineers to:

- Make program changes
- Upload and download new programs
- Update firmware
- Collect data
- Monitor system status



Each kit contains the following:

- Industrial modem
 - Compact, DIN-rail mountable design
 - 0 to 60°C Temperature Rating
 - Connection speeds up to 56k
 - Remote configuration
 - Flexible power requirements
 - Password protection, Password with callback and Caller ID
 - Profile selection switches
- Tutorial CD
 - Comprehensive installation/configuration instructions make setup fast and easy
- Quick Start Guide
 - Simple-to-follow diagrams of the most common configurations
- Connecting cables and adaptors
 - Multiple cables and adaptors are provided for connection to a variety of control system components.

To order the upgrade kit, please contact Simpson by phone (630-978-0044), fax (630-978-0068) or email (parts@simpsongroup.com).

SIMPSON GROUP

Founded in 1912, Simpson Technologies is a world leader in foundry and process industry technologies. Within the Simpson Group are some of the world's largest and most innovative brands of metal casting technologies including the companies Simpson Technologies, Beardsley & Piper LLC, Hartley Controls Corp. as well as the brands of Dietert Automation and Simpson+Gerosa. In the metal casting industries our products include technologies in the following areas:

- Molding Sand Cooling
- Molding Sand Preparation (batch & continuous)
- On-line Controls for Sand Preparation Systems
- Flaskless, Matchplate Mold Making Equipment
- Core Sand Preparation Equipment
- Core Making Equipment
- Sand Reclamation Equipment
- Pollution Control Equipment
- Sand Laboratory Testing Instrumentation
- OEM Spare Parts and Field Service
- Laboratory Testing and Rental Equipment



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