



# PRODUCT DATA SHEET

## ALLEN-BRADLEY / EUROTHERM COMMUNICATIONS 2760-RB MODULE PROTOCOL CARTRIDGE Catalog No. 710EUR

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*The Eurotherm Protocol Cartridge is an external software cartridge for the 2760-RB module. The cartridge provides an interface between Programmable Controllers and a local, multi-drop network of devices using EUROTHERM ANSI X3.28 communications. All EUROTHERM mnemonics for both drives and loop controllers are supported with a sophisticated, user-configurable polling mode available to automatically transfer setpoints and values to the Programmable Controller. The module provides seamless integration for those applications using EUROTHERM loop controllers and drives with Allen-Bradley plant floor communications.*

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The **EUROTHERM** protocol cartridge is a 2760-RB protocol cartridge for applications requiring an interface between EUROTHERM devices and an Allen-Bradley Programmable Controller with 1771-I/O. Using a single Block Transfer Read and a single Block Transfer Write instruction, an Allen-Bradley Programmable Controller may read and write data to multiple EUROTHERM products

### PRODUCT FEATURES -EUROTHERM 1771 Protocol Cartridge

- Any or all three 2760-RB ports may be used for EUROTHERM Communications
- Automatic device polling for user-configured mnemonics at user-specified frequency
- Read/Write Support for all Eurotherm Mnemonics for both Eurotherm drives and loop controllers
- Single Block Transfer Read (BTR) and Block Transfer Write (BTW) operation
- Automatic conversion of Eurotherm data to Allen-Bradley Programmable Controller format
- Menu-driven configuration utility controls Baud Rate, Link Retries, Polling Response timing and Device Timeout
- Extensive Software Diagnostics provides statistics on Programmable Controller to 2760-RB operation
- Extensive Hardware Diagnostics provides statistics to monitor system operation
- All Configuration parameters maintained in non-volatile memory

The **Monitor/Debug Cartridge (Catalog No. 020D)** is a software cartridge designed for monitoring and troubleshooting of EUROTHERM 4000 communications. The following features are provided:

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| * <b>Message Display for messages transferred between the Programmable Controller and the 2760-RB</b> | * <b>Message display for messages transferred between the 2760-RB and any device connected to it</b> |
| * <b>Search Command to detect which controllers are currently on-line</b>                             | * <b>Access to System Diagnostics, Configuration and System Status words</b>                         |