



PRODUCT DATA SHEET

ACCU-SORT MULTIDROP PROTOCOL 2760-RB PROTOCOL CARTRIDGE Catalog No. 640AS

The ACCU-SORT Multidrop Protocol Cartridge is an external software cartridge for the Allen-Bradley 2760-RB module. The cartridge provides an interface between an Allen-Bradley 1771 Programmable Controller and a network of ACCU-SORT Barcode Decoders. Any or all three ports of the 2760-RB module may be configured for communication with the host port of the ACCU-SORT Barcode Decoders. The cartridge provides seamless integration for those applications requiring ACCU-SORT Barcode Decoders and an Allen-Bradley plant floor communications.

SPECIAL FEATURES

- *Single Block Transfer Read (BTR) operation*
- *Sophisticated polling operation configured through menu-driven configuration utility*
- *Up to 32 stations supported on each of the three device ports of the 2760-RB module*
- *User-Configurable polling station list and frequency*
- *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 network 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 ACCU-SORT communications. The Monitor/Debug Cartridge is free and available with the purchase of each Accu-Sort protocol cartridge. The following features are provided:

- Message Display for messages transferred between the Programmable Controller and the 2760-RB
- Search Command to detect which readers are currently on-line
- Message Display for messages transferred between the 2760-RB and any device connected to it
- Access to System Diagnostics, Configuration and System Status words.