Model 5300 Has Modbus RS-485 Multi-Drop Support

April 3, 2012 HOPKINTON, MA – Control Technology Corp., a leading manufacturer of automation controllers that integrate motion control, I/O, user interfaces, and enterprise connectivity, has added Modbus RS-485 multi-drop support as a standard feature to its Model

5300 Automation Controller. The 5300 supports RS-485 in master or slave configurations; the 5300 can also fill master and slave roles concurrently for two or more connected networks (see diagram). Users can run a different protocol off of each port on the Model 5300, with TCP, RS-485 and RS-232 all supported, serving as a bridge between different protocols. "Modbus remains a time tested and immensely popular standard," said Tom Schermerhorn, CTC President.
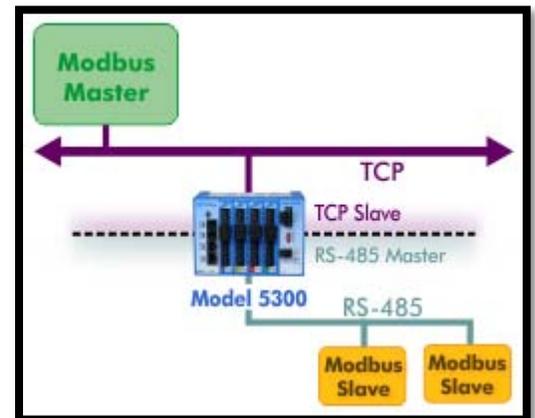

"The Model 5300 provides maximum flexibility because it supports Modbus on multiple protocols within the same physical network."

Modbus is easy to set up and supports unique poll rates for slave devices. Modbus is available now. For additional information on Modbus, visit CTC's Modbus Corner.

The Model 5300 can serve as both a master and slave on different networks that are connected. In this diagram the 5300 is a slave on the TCP network and a master on the RS-485 network.

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ADDITIONAL INFO ON MODBUS: CTC's Modbus Corner

About Control Technology Corporation – Control Technology Corp. (CTC) is redefining programmable control. Its innovative line of advanced programmable automation controllers

combine high performance control with integrated motion, flexible programming options, and quick customization for OEM applications. The company's Blue Fusion™ controllers feature sophisticated state logic that ensures consistent, high performance control. The QuickBuilder™ software simplifies application development by providing an expansive set of graphical tools in a powerful programming environment. CTC provides control solutions to a variety of OEMs in medical, machine automation, electrical, and packaging operations. Founded in 1975, CTC is the leader in web-enabled automation and holds numerous patents in this area. For more information, see www.ctc-control.com.

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