TOSHIBA

Manual Updates

This supplement outlines several modifications and corrections to the ICC MDB-100 Modbus RTU / ASCII Communications Interface Manual (#10207-000) that were not available at time of printing. Please note that where applicable, any information contained in this supplement supercedes information printed in the manual.

Revison 000 to revision 001:

Page 5, page 11.... The maximum Modbus network baud rate supported by this version of the MDB-100 is 19.2kbaud. Disregard any manual references to 38.4kbaud.

Page 6................... "Modbus Network Connector" subsection regarding termination: the MDB-100 was designed to operate without Modbus network termination. If Modbus network termination is desired, however, the modified termination configuration shown in Figure 1 is recommended. This configuration will ensure proper voltage level interpretation during network idle times and Network "A"-to-Network "B" short circuit conditions.
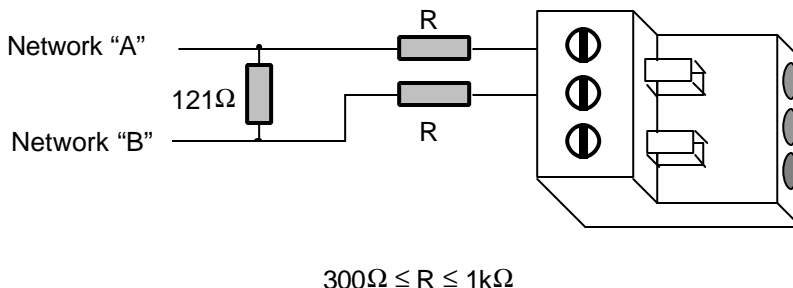

$$300\Omega \le R \le 1k\Omega$$

Figure 1: Recommended Termination Configuration