



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: 3X00 Communicating to an Omron PLC

AN# 1020A

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Description: Proper setting for communications.

Note: Connecting an Omron PLC to a 3100X make sure to use com1. Connecting to a 3200 or 3300 make sure if you are using com2 that the jumpers are set for RS-232-C. All jumpers should be in the A position.

Equipment used:

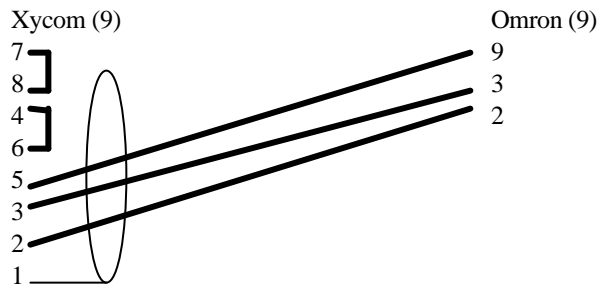
Omron C20H

Omron Driver and 2.1 Softscreen Development and Engine.

3300ACT

Cabling:

1. Can use a smart cable with the switch moved to the right, with a 25M to 9F adapter. On the other end a 9M to 9M to convert the female end.



Configure: Driver

Driver tag name: Omron

Port: Com2¹

Baud: 9600

Mode: Multilink²

Transmission Code: ASCII

Parity: Even

Place a data display on the screen looking at the register *OmronCommStatus*. Place a data entry on the screen writing to DM0 and display the address DM0. Also create a button to go to Alarm Summary.

¹ Make sure the jumpers are set for RS-232-C for Com2

² Does not work with SINGLE_LINK.