



TECHNOTES

Direct Touch RS 422 wire connections to DirectLogic PLCs

Product group: Direct Touch
 Information Type: Communications
 Last revised : 7 Nov, 2002

**Touch Panel Port 1 430/440/450
 Port 2 350**

FG ----- No Connection
 SG ----- 07 0v
 RD- ----- 16 TXD-
 RD+ ----- 14 TXD+
 SD- ----- 10 RXD-
 SD+ ----- 09 RXD+
 18 RTS-
 19 RTS+
 23 CTS-
 11 CTS+

**Touch Panel D2-DCM
 D3-DCM
 D4-DCM**

FG ----- No Connection
 SG ----- 07 0v
 RD- ----- 15 TXD-
 RD+ ----- 14 TXD+
 SD- ----- 16 RXD-
 SD+ ----- 17 RXD+
 11 RTS-
 10 RTS+
 13 CTS-
 12 CTS+

Note:
 For RS-422 connections we recommend Belden 9729 cable. It is very important for the panel RS-422 setup match the settings of the PLC port you are connecting to.

Touch Panel Port 3 450

FG ----- No Connection
 SG ----- 07 0v
 RD- ----- 13 TXD-
 RD+ ----- 12 TXD+
 SD- ----- 25 RXD-
 SD+ ----- 24 RXD+

RTS and CTS is not present on this port

**Touch Panel Port 2 D0-06
 D2-250
 D2-250-1
 D2-260**

FG ----- No Connection
 SG ----- 07 0v
 RD- ----- 10 TXD-
 RD+ ----- 09 TXD+
 SD- ----- 06 RXD-
 SD+ ----- 13 RXD+
 12 RTS-
 11 RTS+
 15 CTS-
 14 CTS+