



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: SoftScreen for Windows Timer Display Example

AN#1066A

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Page 1 of 1

Description: This is an example of how to Display a PLC timer value in the format mmmmm:ss where mmmmm = minutes and ss = seconds

1. Make a graphical screen name "Test".(Do not type the Quotes)
2. Put one (1) Data Display on the screen with tag name "Min". Click on advanced and change the Right Digits to 0, the Left Digits to 5, and the Total Character space to 5
3. Put one Data Display on the screen with tag name "Sec". Click on advanced and change the Right Digits to 0, the Left Digits to 2, and the Total Character Space to 2.
4. Put one Static Text Display on the screen containing ":".
5. Arrange the two Data Displays as follows:

Min:Sec

6. Resize the Data Displays and the Static Text Display so that there is no visible space between the Data Displays and the Static Text Display.
7. You can select all three items, Group them together, and create a symbol, at this point if you want to.
8. Go to the expressions and enter the following.
Tag Name: Min Expression: PLC_Time / 60 (/ = Division)
Tag Name: Sec Expression: PLC_Time % 60 (% = Modulus, Division Remainder)
9. Go to the PLC driver that you have configured and enter the tag and the address.
Tag Name: PLC_Time Address: PLC address Associated with your Timer.

Conclusion: When you download this application to your Xycom unit and begin communicating with your PLC. The display you created will show the PLC's timer value as mmmmm:ss where mmmmm = minutes and ss = seconds (i.e. Timer Value = 130, The Timer Display will show 2:10, 2 minutes and 10 seconds)