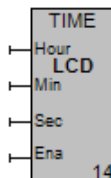


Function Block 147 Display Time HH:MM:SS

Function Description

Display 3 byte values on the LCD device in the form HH:MM:SS using 8 positions. The user must ensure correct values as no limit checking is done on any of the input values. User must select the display position at design time. When the enable input (Ena) is at logic 0 the function block is not executed, meaning that the last displayed value will remain on the display. The enable input can be inverted.



Popup Parameters

- User selectable LCD display position.
- Execution sequence number.

Input/Output and Parameters

Type	Description	Data Type	Range
Input	Input for Hours value	BYTE	0 – 255*
Input	Input for Minutes value	BYTE	0 – 255*
Input	Input for Seconds value	BYTE	0 – 255*
Input Ena	Enable output to display	Boolean	0, 1

*User must ensure meaningful values are present at the inputs. Values >99 will not display correctly.

Application

The enable input can be used to multiplex different strings to the same LCD line.

Notes

Function block 146 can be executed in Cycle and Time tasks.

The LCD unit can be connected to either PORTB or PORTD. The selection is done from the Configuration>Port B or Configuration>Port D tabs. The LCD interface uses the 4-wire interface, details of which is given in the directory DOCUMENTATION>HARDWARE file VPS_P18_LCD_Display.pdf