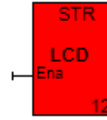


Function Block 146 Display String on LCD

Function Description

Display a string of maximum 20 characters on the LCD device. 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.
- The actual string to be displayed.
- Execution sequence number.

Input/Output and Parameters

Type	Description	Data Type	Range
Input Ena	Input to Enable display	Boolean	0, 1

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