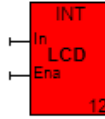


Function Block 143 Display INT on LCD

Function Description

Display an INT (integer) value on the LCD device. The value takes up 6 character positions, with 1st character as sign for –ve numbers. 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, unless overwritten by another LCD block. The enable input can be inverted.



Popup Parameters

- User selectable LCD display position. (The Hex representation of the position is also displayed).
- Execution sequence number.

Input/Output and Parameters

Type	Description	Data Type	Range
Input In	INT value to display	INT	-32768....+32767
Input Ena	Enable display driving	Boolean	0, 1

Application

Notes

Function block 143 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