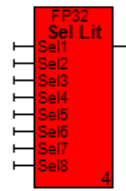
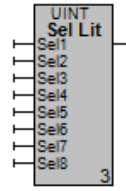
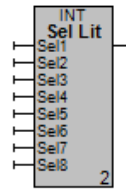
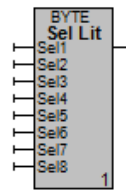
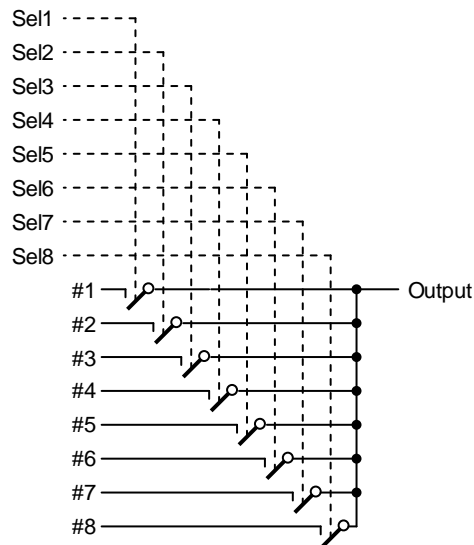


Function Description

The function blocks provide for the selection of up to 8 literal values using Boolean select input signals. The following data types are catered for:

- FB108 Byte values. (0...255)
- FB109 INT values. (-32768...32767)
- FB110 Uint values. (0...65535)
- FB111 Real values. (FP32 range)

The basic workings of these function blocks is probably best described by a figure.



The numbers #1 to #8 represents the literal values, which are specified at design time. The

behavior of the Selx selection is a bit more involved as that indicated in the figure. Firstly if none of the Selx inputs are active then the value 0 will be present at the output. If more than one Selx input is active at any one time then the input with the highest numerical number will be considered as active. Note that as the Sel inputs are all of type Boolean, they can be inverted.

Popup Parameters

- Literal values 1 to 8.
- Execution sequence number.

Input/Output and Parameters

| Type | Description | Data Type | Range |
|--------------|------------------------|-------------------|-----------------------|
| Inputs 1---8 | Select 1 of 8 literals | Boolean | 0,1 |
| Output | Output signal | Depends on FBlock | BYTE, INT, UINT, FP32 |

Notes

Function blocks 108, 109, 110, 111 can be executed in Cyclic and Time tasks.