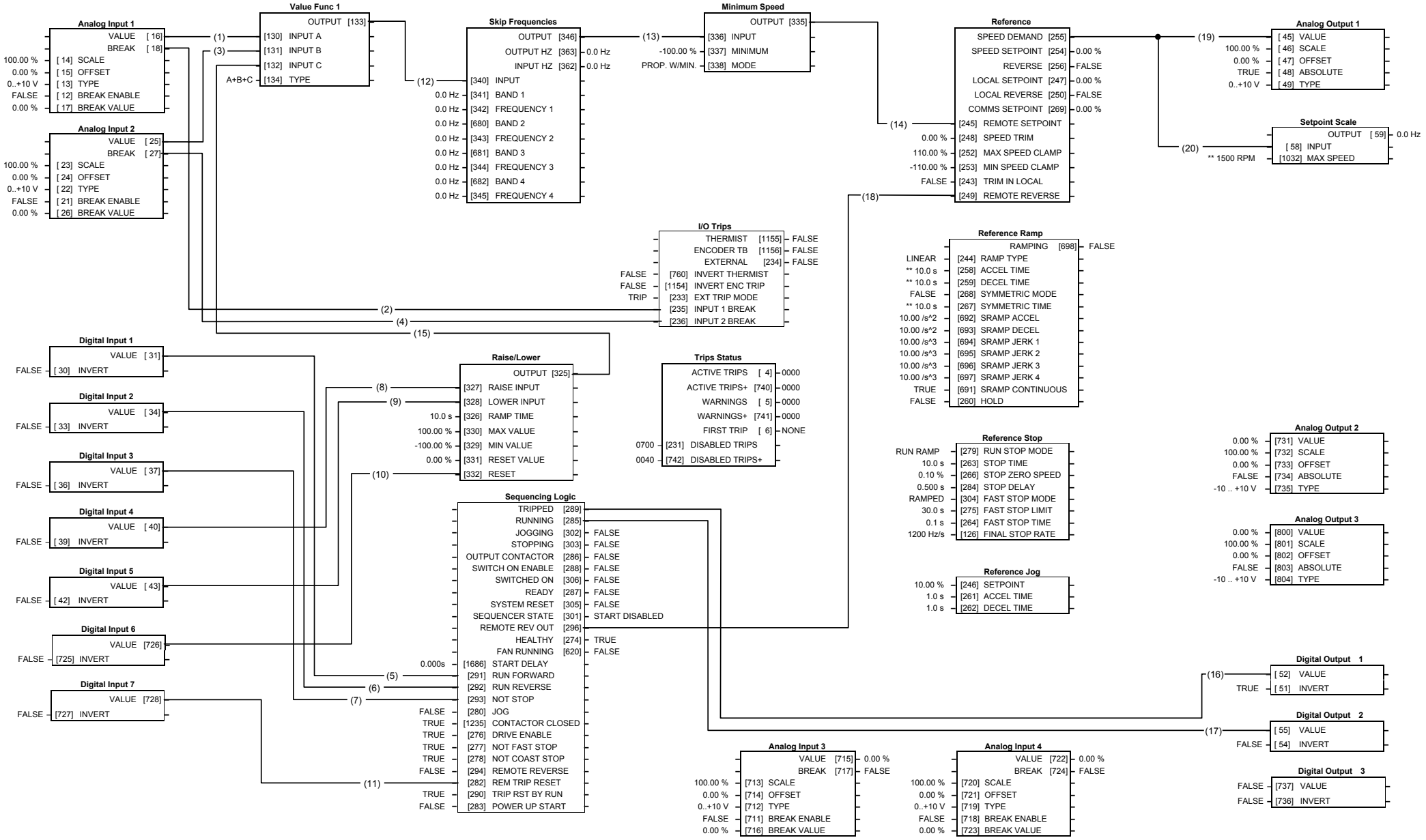

Macro 2: Raise/Lower

Macro 2: Raise/Lower Trim

This macro provides a raise/lower (push button) interface for an additional Setpoint Trim. The Setpoint is derived from the sum of the ANALOG INPUT 1, ANALOG INPUT 2 and the output of the raise/lower ramp. This ramp is controlled by the 3 digital inputs RAISE INPUT, RAISE LOWER and RESET of the RAISE/LOWER function block.

The raise/lower trim is restricted to be +/- 10.00%. This limit is set by the MIN VALUE and MAX VALUE parameters in the RAISE/LOWER function block.

Note that the raise/lower ramp output is automatically preserved in non-volatile memory during a power-down.

Control Wiring I/O			
Terminal	**Name**	**Purpose**	**Comment**
2	ANALOG INPUT 1	Speed Setpoint	0V = 0%, 10V = 100%
3	ANALOG INPUT 2	Speed Trim	0V = 0%, 10V = 100%
6	ANALOG OUTPUT 1	Ramp Output	absolute speed demand 0V = 0%, 10V = 100%
12	DIGITAL INPUT 1	Run Forward	24V = run forward
13	DIGITAL INPUT 2	Run Reverse	24V = run reverse
14	DIGITAL INPUT 3	Not Stop	24V = RUN FWD and RUN REV signals latched 0V = RUN FWD and RUN REV signals not latched
15	DIGITAL INPUT 4	Raise	24V = raise input
16	DIGITAL INPUT 5	Lower	24V = lower input
17	DIGITAL INPUT 6	Reset	24V = reset raise/lower
18	DIGITAL INPUT 7	Remote Trip Reset	24V = reset trips
19	DIGITAL INPUT 8	External Trip	*Non-configurable* 0V = Trip (connect to terminal 20)
21, 22	DIGITAL OUTPUT 1	Health	0V = tripped, i.e. not healthy
23, 24	DIGITAL OUTPUT 2	Running	0V = stopped, 24V = running

The Operator Menu for Macro 2

The default Operator Menu is shown below.