

Model – SELSD2277 Programming Tool

Programming Procedure

Shedding AC-1 or HP-1

Select 'Yes' or 'No'.

If 'Yes' is selected:

'AC-1 or HP-1 Amps' is added to 'Stage 1 Load' amps when determining the state of Stage 1 output.

If 'No' is selected:

'AC-1 or HP-1 Amps' is NOT added to 'Stage 1 Load' amps and K1 is kept ON (relay contacts open).

The above relates only when the utility input is NOT active.

Shedding AC-2 or HP-2

Select 'Yes' or 'No'.

If 'Yes' is selected:

'AC-2 or HP-2 Amps' is added to 'Stage 2 Load' amps when determining the state of Stage 2 output.

If 'No' is selected:

'AC-2 or HP-2 Amps' is NOT added to 'Stage 2 Load' amps and K2 is kept ON (relay contacts open).

The above relates only when the utility input is NOT active.

Outage Transfer Return Delay

Enter a value in the range of 1 to 45 minutes.

Once the UT OK input (J1-2) goes from LO to HI, a timer is loaded with this value and started.

The utility input must remain HI during this time.

When the timer expires, the relays return to normal utility mode.

Generator kW Running Rating

Enter the kW rating of the generator.

The value must be in the range of 1 to 100 kW.

This is used by the program to calculate the target current.

The target current is used to determine the closing or opening of the load shed contactors.

AC-1 or HP-1 Amps

Enter the run current of any AC or HP unit connected to the NC relay contacts labeled '#1' on the board.

The value entered must be in the range of 0 to 60 amps.

If the 'Shedding AC-1 or HP-1' selection is set to 'Yes' this value will be added to 'Stage 1 Load' amps when determining the state of Stage 1 output.

If the 'Shedding AC-1 or HP-1' selection is set to 'No' this value is NOT used.

K1 will be kept ON (relay contacts open).

AC-2 or HP-2 Amps

Enter the run current of any AC or HP unit connected to the NC relay contacts labeled '#2' on the board.

The value entered must be in the range of 0 to 60 amps.

If the 'Shedding AC-2 or HP-2' selection is set to 'Yes' this value will be added to 'Stage 2 Load' amps when determining the state of Stage 2 output.

If the 'Shedding AC-2 or HP-2' selection is set to 'No' this value is NOT used.

K2 will be kept ON (relay contacts open).

Stage 1, 2, 3 and 4 Load

Enter the run current of each load.

The value for stages 1, 2, 3 and 4 must be in the range of 1 to 100 amps.

If the 'Shedding AC-1 or HP-1' selection is set to 'Yes':

The value entered for 'AC-1 or HP-1 Amps' is added to Stage 1 Load amps to determine the state of Stage 1 output.

If the 'Shedding AC-2 or HP-2' selection is set to 'Yes':

The value entered for 'AC-2 or HP-2 Amps' is added to Stage 2 Load amps to determine the state of Stage 2 output.

PSP Load Shed LCD Module

V6.02 Program Flo-Chart

