



Installation:

230v Input should be protected with an adequate fuse.

All relay outputs are N,O and should not exceed 4A.

All inputs are fed from 12v output to activate.

Input & Output Definition:

12v Common For Inputs

Input 1 Heat Zone 1

Input 2 Heat Zone 2

Input 3 Zone 1 Overload

Input 4 Zone 2 Overload

Output 1 Valve

Output 2 Lockout (Energised when inputs 2 or 3 are low)

Output 3 Heat Zone 1 Forward

Output 4 Heat Zone 1 Reverse

Output 5 Heat Zone 2 Forward

Output 6 Heat Zone 2 Reverse

Activating & deactivating of the reverse control

Operation:

When inputs are high the forward relay & valve will go high.

When input are low the forward relay will go low and then a delay for 30s before reverse relay will become high for 10s, then a delay for 30s.

The valve will stay high for 30mins after the last input has gone low.

The overloads inputs if low, will stop the forward & reverse, regardless of the input.