

Notes on this example:

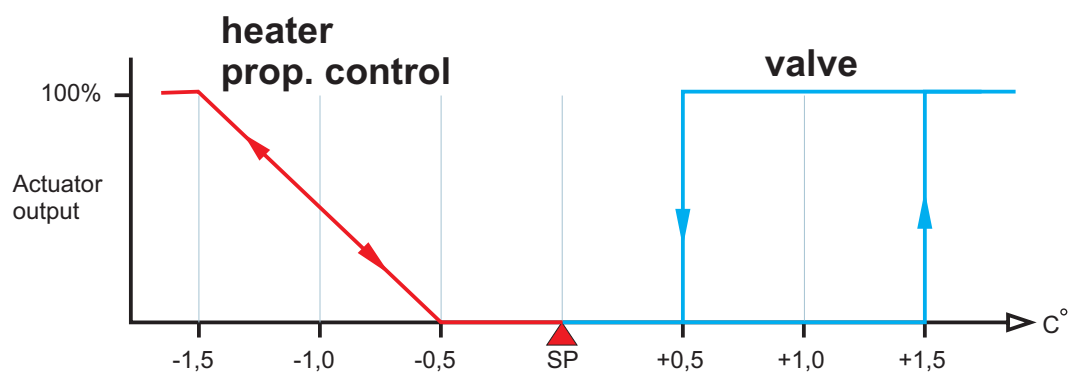
- 1) No Neutral or Live looping on fan, valve or heater terminals.
- 2) Room unoccupied (open contact), places controller in unoccupied mode.
(Bridge 10/11 if not in use.) (master unit only)
- 3) Supply water temperature is measured for auto change over - heating or cooling mode. Leave out if cooling water only. (master unit only)
- 4) If the return air temperature sensor is not installed room temperature is measured at the wall unit.
- 5) 12V DC input causes the controller to switch off in an orderly manner. (master unit only)

References: MM2Q11 (controller doc.), MK2Q11 (wall unit doc.) and MM2SAxx-Net (doc.)

Seri Net	Local network. 6 units max.	02/03
Wall unit	MK2A25 with temp.sensor	04/05
Temp 1	Return air. Optional (will be dominant)	06/07
Temp 2	Supply water temp	08/09
Input 1	Occupancy (must be bridged if not used)	10/11
Power out	24V DC to power occupancy sensor	12
Input 2	12V DC. Controller switches off when high	13/14
N	Neutral out to Fan	15
relay 1 out	Fan low. 230V AC 3A	16
relay 2 out	Fan med. 230V AC 3A	17
relay 3 out	Fan high 230V AC 3A	18
Triac out	Valve 230V AC (on/off)	20/21
Power in	230V AC	A/B
12V output	PWM switching of heater triac	2pin

Note:

Input from occupancy sensor must be a voltage free contact. Closed for occupied. 24V DC available to power occupancy sensor.



DEMAN

MM2SA20 fan coil controller