

No Neutral or Live looping on terminals.

Bridge 10-11 if not in use and AV 36 Mode Value = 0.

Do not bridge any other.

BACnet
doc# MM2BACQ12

Notes:

- 1) No Neutral or Live looping on terminals.
- 2) Analog input for use by the BMS.
- 3) Room unoccupied (open contact), places controller in unoccupied mode.
(Bridge 10/11 if not in use and AV 36 Mode Value = 0)
- 4) Discharge air temp. is measured for report back on the BMS (Optional). Heating or cooling mode is supplied by the BMS.
- 5) If the return air temperature sensor is not installed room temperature is measured at the wall unit.

References: MM2Q11 (controller doc.), MK2Q11 (wall unit doc.) and MM2BACQ12 (BACnet doc.)



MM2BA12 fan coil controller

BMS	BACnet	01/02/03
Wall unit	MK2A25 with temp.sensor	04/05
Temp 1	Return air. Optional (will be dominant)	06/07
Temp 2	Discharge air (report back on BACnet)	08/09
Input 1	Sensor input (must be bridged if not used)	10/11
Power out	24V DC to power sensor	12
Input 2	Auxiliary analog input. (report back on BACnet)	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
relay out	Heater 230V AC (on/off) 1,5kW, max 2kW	A/B
Power in	230V AC	C/D

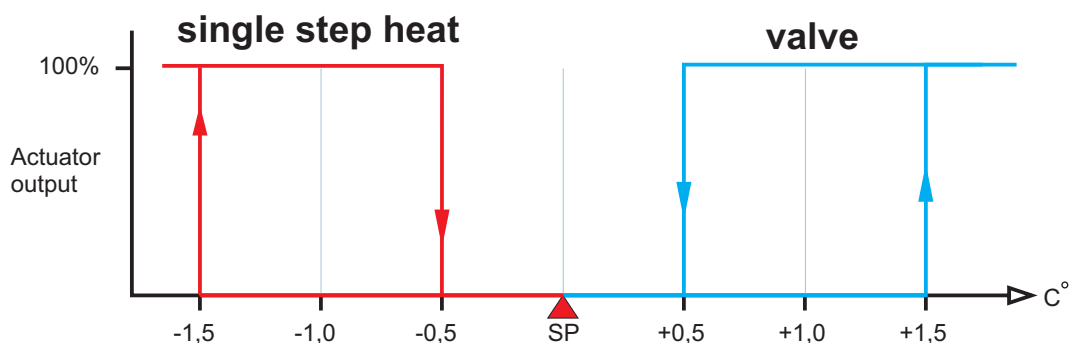
Note:

Sensor input to terminals 10/11 must be a voltage free contact.
24V DC available to power sensor.

Occupancy input (AV 36 Mode = 0) closed = room occupied.
Fan only (AV 36 Mode = 1) closed = fan only. No heating or cooling.
On/Off (AV 36 Mode = 2) closed = unit switches off.
Heater interlock (AV 36 Mode = 3) open = no heating.
Humidistat input (AV 36 Mode = 4) closed = unit does de-humidification.

BACnet doc: MM2BACQ12

Normal control:



For unoccupied and dehumidification control see document MM2Q11 and MM2BACQ12



DEMAN

MM2BA12 fan coil controller