

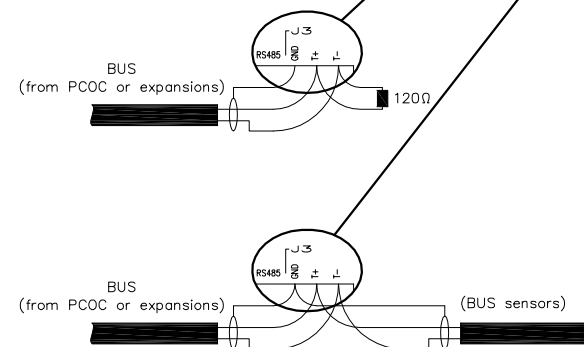
- Serial Address: 5
- 1:ON
  - 2:OFF
  - 4:ON
  - 8:OFF

#### INSTALLATION WITH ANALOG ROOM SENSORS:

The MOD\_M3P board occupies the last position on the supervision serial line it must be connected to a line closing resistance, with a value of 120Ω - 1/4W.

#### INSTALLATION WITH BUS ROOM SENSORS:

Connecting chain, in-out mode, according to the polarity. Then the BUS must be connected to the BUS sensors.



#### NOTE:

For the BUS connection Use a shielded pair cable twisted like BELDEN 8762 (max 500 m).

SW: 28162100B

RIF.	COM. N°	DESCRIZIONE	ESEGUITO	DATA
①	AD 7527	PRIMA ESECUZIONE	MC	19.03.15
		DENOMINAZIONE		
		ELECT DIAGRAM PCOC 21_MOD_M3P		
		CODICE	FOGLIO	NOTE
		E60001380	1/2	MOD_M3P board

**EMMET** S.P.A.

A termini di legge e' vietato riprodurre o comunicare a terzi il contenuto del presente disegno. Proprieta' riservata.

## Key for electric diagram 22. MOD\_M3P for EXPANSION board MOD\_M3P

To configure the PCOE module as expansion MOD\_M3P set 5 as the serial address, see diagram on how to set the DIP switches

Y1 = Mixing Valve A (Open line)  
Y2 = Mixing Valve A (Closed line)  
Y3 = Mixing Valve B (Open line)  
Y4 = Mixing Valve B (Closed line)

### NOTE:


- If there is only one mixing line take into consideration mixing line A
- Output J5, J6, J7, J8 - Contact rating 8 A - 250 V AC -  $\cos\phi = 1$
- For regulator input and output connections, use cables with a section that is proportional to the load (1.5 mm<sup>2</sup>)
- The module MOD\_M3P is enabled if you select the operating system with servomotors 3 points. In this case the analog outputs are disabled for modulating actuators 0-10V. The system manages a maximum of two mixing lines. In case of a single mixing line to refer to mixing line A.

### WARNING!

Avoid running the cables of the probes and of the digital inputs together with the power cables.  
It is advisable to use shielded cables for the connection of the sensors.

### GENERAL NOTES ON THE POWER SUPPLY

If all system boards are powered by a single transformer, this should provide a power supply of 24 Vac + 10 / -15% 50/60 Hz and an adequate power to the total load; consider that the module MOD\_M3P absorbs a power of 8 VA. Alternatively you can use a transformer that provides power supply of 28 Vdc + 10 / -20% and adequate power to the load; in this case the module MOD\_M3P absorbs a power of 6 W. Use the same polarity (G, G0) for the supply of all cards.

 S.P.A. <small>A termini di legge e' vietato riprodurre o comunicare a terzi il contenuto del presente disegno. Proprieta' riservata.</small>	DENOMINAZIONE ELECT DIAGRAM PCDC 21_MOD_M3P		
	CODICE E60001380	FOGLIO 2/2	NOTE MOD_M3P board