

### / Description

Wiring box for floor heating plants. It receives the signal from the room thermostat and addresses it to the electrothermic actuator. It allows to rationalize the wire passage in the manifold box.



### / Products

Code	Voltage	Outlets
88P3080653	Universal	6
88P3080654	230V~ ±10% 50Hz	6

### / Functioning

This device is available in two different versions:

88P3080654, which transforms the mains 230V~ voltage into 24V~ delivered at its outputs and the 88P3080653 which supplies the loads with the same voltage applied to its input. Both can be used for supplying up to 6 thermostats (24V~ powered in case of the 88P3080654) and their relevant thermal actuators or zone valves provided that the total power absorption of the loads is kept within the below declared value.

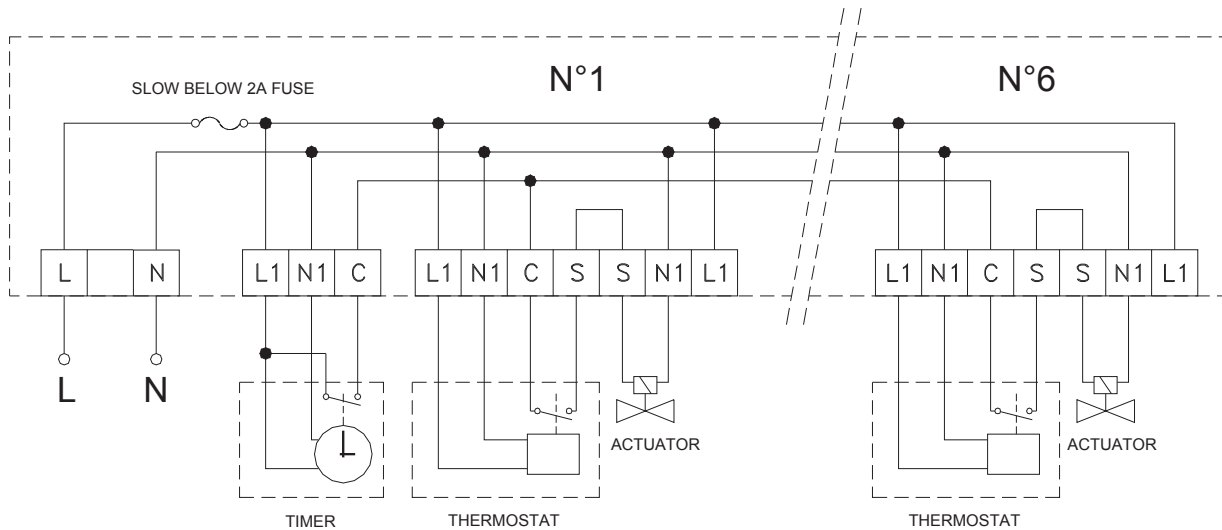
This wiring box features an additional input for an external clock switch which in turns drives turning on and off for the loads (both thermostats and actuators).

A fuse located internally on the board protects the transformer against overload and short circuit which might happen on the load side.

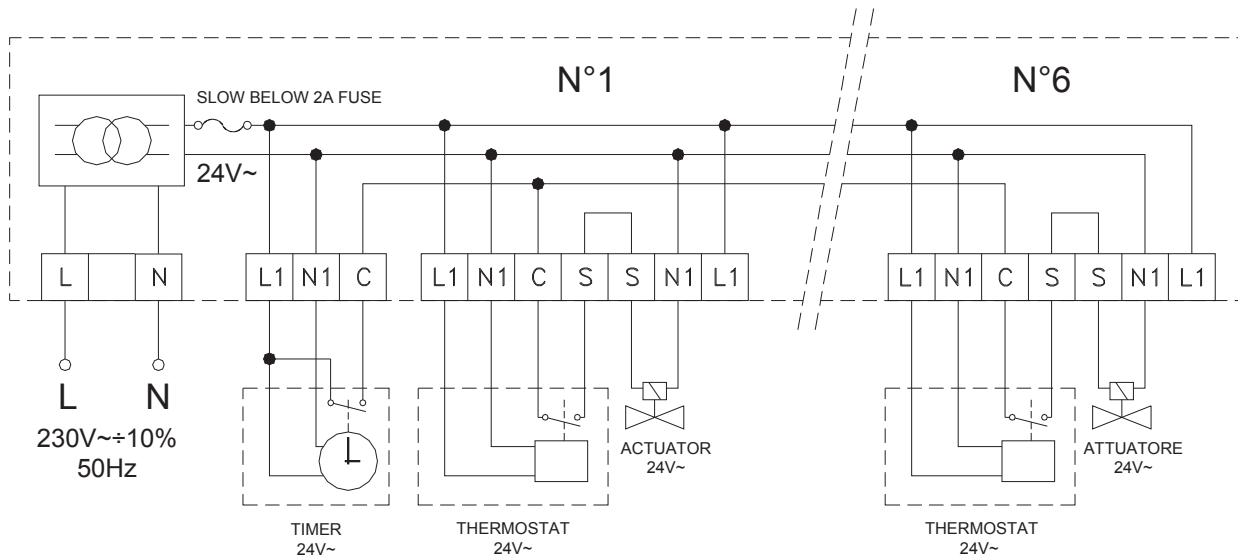
### / Technical features

Characteristics	Codes	
	88P3080654	88P3080653
Power supply:	230V~ ±10% 50Hz	universal
Power absorption:	24VA	-
Max. load:	1 A @ 24V~ total)	2 A @ Vsupply (total)
Protection:	2A fuse (slow blow)	
Protection grade:	IP 30	
Operation temperature:	0°C .. 40°C	
Stock temperature:	-10°C .. +50°C	
Humidity limits:	20% .. 80% RH (non condensing)	
Case material:	ABS V0 self extinguishing	
Case colour:	Signal white (RAL 9003)	
Size (W x H x D):	245 x 60 x 100 mm.	
Fixing:	Wall mount or DIN rail (optional)	

### / Internal and wiring diagram 88P3080653 (Universal)



### / Internal and wiring diagram 88P3080654 (230v~)



### WARNING!

- The appliance must be wired to the electric mains through a switch capable of disconnecting all poles in compliance with the current safety standards and with a contact separation of at least 3 mm. in all poles.
- Installation and electrical wiring of this appliance must be made by qualified technicians and in compliance with the current standards.
- Before wiring the appliance be sure to turn the main power off.