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CAVI SCALDANTI – RESISTENZE ELETTRICHE – TERMOREGOLAZIONE
HEATING CABLES - HEATING ELEMENTS – TERMOREGULATION

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CT6-PCR Control module for 6 resistive zones with rotation method from one to five zones.

Device suitable to control via static relays the resistive heating cables for the control of the ambient and surface temperature. The rotation method ensures a power distribution in equal parts of the loads used.

Setting of the number of zones to be introduced in the rotation (1/5 zones) and cycle time (0.5 to 4 min.) via DIP-switches. 6 inputs for thermostats and 6 outputs for static relay.

OPERATING METHOD:

A) SETTING OF THE NUMBER OF ZONES TO BE USED:

You can use from two to six zones. Through the use of the same number of inputs and outputs. For example, if there are 4 resistances to be controlled, 4 inputs will activate and 4 outputs will be used for the relays.

B) SETTING OF THE NUMBER OF ZONES TO BE INTRODUCED IN THE ROTATION:

By setting the dip1 you can rotate in the cycle from 1 to 5 zones at the same time. They are activated as follows: With the Dip1-1 (ON) and the remaining ones (OFF) the control unit rotates only one zone. With the Dip1-2 (ON) and the remaining ones (OFF) the controller rotates two zones at a time. The same applies to the remaining dips up to a maximum of 5 zones (as in table no. 1).

C) SETTING THE ROTATION TIME:

You can change the rotation times by setting the Dip2, 0.5-1-2-4min. (as in table no. 2).

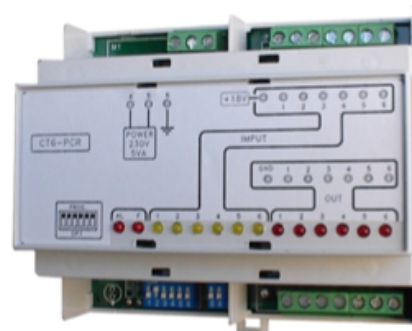


table 1

Dip1													
on	1	2	3	4	5	6							
	☐	☐	☐	☐	☐	☐							
1 Zona													
Programming the number of zones in rotation													
on	1	2	3	4	5	6	on	1	2	3	4	5	6
	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐
2 Zone							3 Zone						
3 Zone							4 Zone						
4 Zone							5 Zone						
5 Zone													