

Clack Relay Box

Relay box for CI electronics



CLACK RELAY BOX

CLACK RELAY BOX V9999

RELAY BOX FOR CI ELECTRONICS

- The CI Clack electronics have two 12 VDC outputs called relay 1 and relay 2 respectively (max. 100mA).
- Relay 1 can be activated from the start of regeneration (configurable offset 1/200 sec.) for 1 to 200min.
- It can be activated by volume count (1 to 200l) during service only or all the time for 1 sec. to 20min.
- Relay 2 can be configured in the same way or on a Clack valve fault.

APPLICATIONS

The relay box is an interface which transforms the 12VDC control voltage into a dry contact of maximum 8 amperes for :

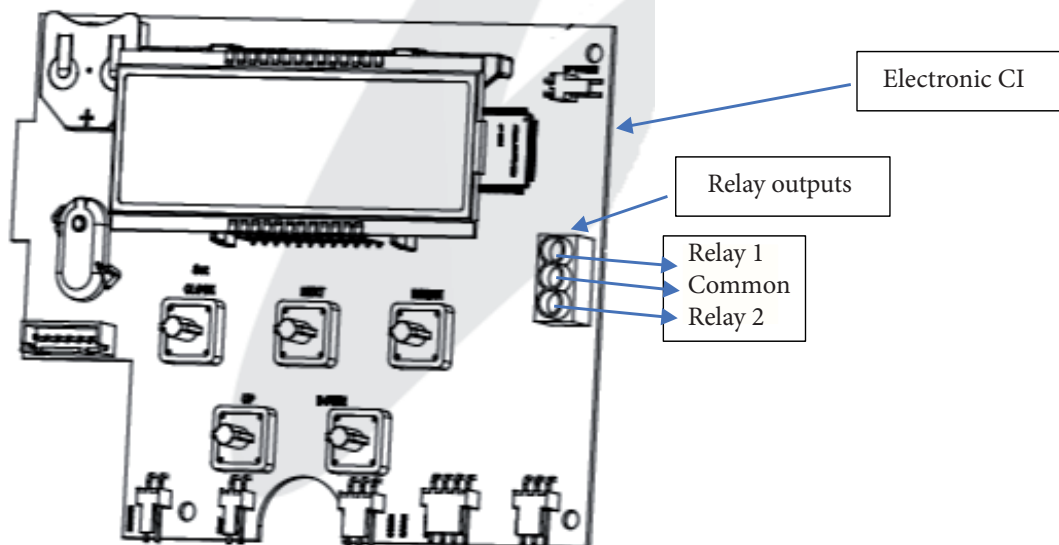
- SCALA requirements
- Remote monitoring
- Fault information
- Regeneration system
- Water volume totalisation
- Dosing pump control
- Start or stop a pump during regeneration



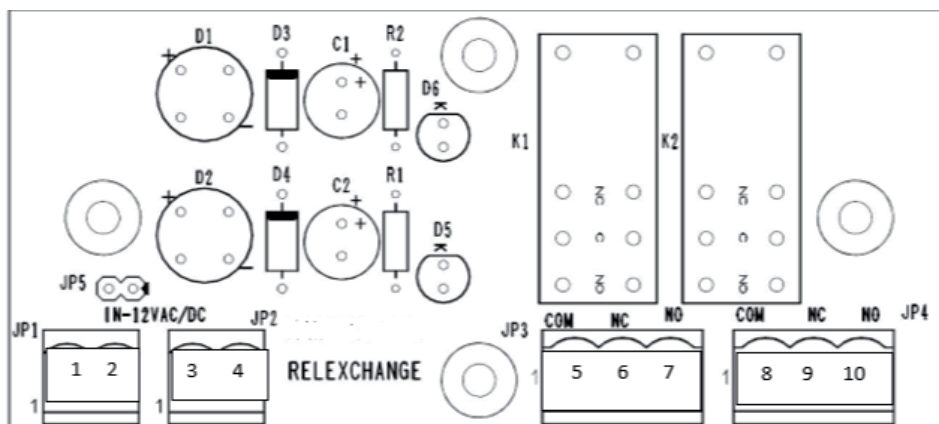
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ELECTRICAL DIAGRAM

CI type electronic card :



Relay box card :



Terminal 1 + 2: to be wired to Relay 1 + common
Terminal 1 + 2: to be wired to Relay 2 + common

Terminal 5 + 6 + 7: relay output 1 (dry contact), common + normally closed + normally open

Terminal 8 + 9 + 10: relay 2 output (dry contact), common + normally closed + normally open