

C 408 & PROXIMITY

CONTROL-BOX FOR ELECTRONIC DIGITAL KEYS, KEYPADS AND PROXIMITY READERS

MAIN FEATURES:

- Power supply: from **11 to 30 V** ac/dc
- Current drain: 4 mA at 12 V.
- 1 relay: resistive load: **10A/30V dc**. It's not allowed to apply to relay's contacts voltages over 30 V dc or 24 V ac. On the contrary, please link an external relay.
- Contact of relay: **permanent** or **impulsive**.
- "Dead man" function**
- Maximum number of codes: 60
- State memory of the relay.
- Output for LED on/off**
- Output for programme mode LED**
- Output for **Tamper alarm** function (30 sec.)
- Possibility to enter program mode directly from keypad.
- Maximum distance between keypad and control-box: 300 mt.

Simplified instruction manual for PROXIMITY systems use only

- Press and hold down the push-button CLEAR for 6 sec. on the control-box to make a total erasing of the memory. During this time the red LED flashes quickly and, at the end, it flashes slowly. Release the push-button CLEAR.
- Bring near the proximity reader the first **proximity tag (or card)** that will be the **MASTER tag**. The red LED flashes quickly to confirm the tag is stored.
- Draw up to the reader, one at a time, the other tags.
- To exit programme mode draw up the reader a tag already stored. The red LED will stop to flash.

NOTE:

Master tag works as any other tag and, moreover, allows to enter programme mode directly via proximity reader.

RELAY'S TIME SETTING

Shut down the power supply to the control-box.

Press the push-button **CLEAR** for the duration of **relay's contact**.

Press and hold down CLEAR push-button and, in the same time, give power supply to the controller.

Hold down the push-button and count the flashes of the red LED on the control-box, considering that:

1st flash = bistable

2nd flash = **dead man function** (*)

3rd flash = 250 ms (minimum contact duration)

4th flash = 1 second

5th flash = 2 seconds and so on until a **maximum time of 27 seconds**.

Release the push button when the desired duration is gained.

(*) Dead man function = the relay stays attracted as long as the last digit of the code is pressed.

STORING ADDITIONAL PROXIMITY TAGS AND CARDS

In any time is always possible to add other tags and cards into the memory of the control-box via **Master tag**, directly from the proximity reader.

- Bring **Master tag** near the reader and keep it near for about **8 sec.:** at the end, the red LED begins to flash and the control-box is in programme mode.
- Draw up to the reader, one at a time, the other tags.
- To exit programme mode draw up the reader a tag already stored. The red LED will stop to flash.

ADDRESSED TAGS AND CARDS ERASING

In any time it is always possible to erase a tag from the memory of the control-box, via Master tag directly from the proximity reader.

Please use the device **POLITOOL** and refers to its manual.

TAMPER alarm output – Violet wire. It activates (closes to negative) at the 4th attempt (during a period of 30 sec.) at tampering or after 8 sec. of continuous transmission .
To reset Tamper alarm, bring near the reader a valid tag or wait for 30 sec.

ATTENTION:

For all the connexions, please use unshielded cables.

It is possible to install, on the same controller, readers for electronic keys, keypads and proximity readers.

If you install a proximity reader directly against a metallic support, the reading distance between the reader and the proximity card / tag decreases a lot.

It is possible to install more than one reader on the same controller. In this case it is important to respect a minimum distance of 1 meter between a reader and the next one. The sum of the single wirings must not exceed 200 meters. We suggest tu use similar telephone cables, 0,22 mm².



C408 with PROXYREM & PROXYPASS

