

**1. GENERAL FEATURES:**

**Reading points:** 4 digital for reading keys (3 types of clicks);

**Outputs:** one output of open collector type;

**Control:** Per MD BUS;

**Applications** Reading keys; Output control.

**Installation:** In junction boxes

**2. GENERAL SPECIFICATIONS:**

**Mains Voltage:** 12VDC;

**Consumption:** 18mA @ 12VDC or 518mA @12VDC, supplying current to the output.

**Storage Temperature:** -10°C a 60°C;

**Operating Temperature:** 10°C a 50°C;

**Maximum humidity:** 80% without condensation;

**Inputs Specification:**

**Nominal voltage at the inputs:**

Digital: Low Voltage 5VDC;

Maximum allowable resistance of contacts on input: 50Ω;

**Output Specification:**

Nominal current: 500mA;

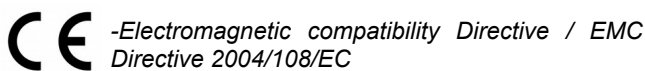
Maximum voltage: 12VDC;

**Physical Specifications:**

**Dimensions:** 46mm X 42mm X 28mm;

**Degree of Protection:** IP00, for indoor use;

**Directives:**



**3. COMPATIBILITY:**

**PCCWd Compatibility:** Firmware 3.4 or later.

**Software Compatibility Mordomus:** Mordomus Software v2016 or later.

**4. SECURITY:**

Before making any connections, please read these instructions carefully.

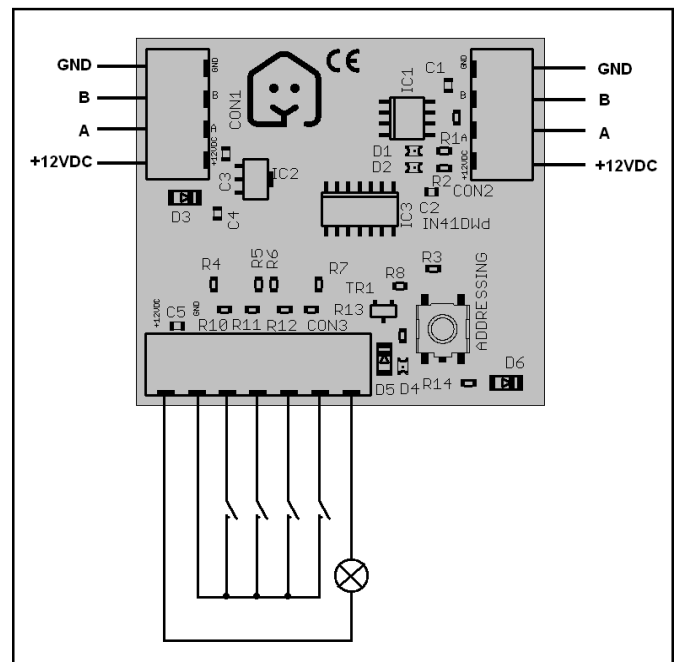
Due to the nature and reduced size of the module it is not contained in any type of encapsulation and should be treated accordingly. Prevent contact between the module and any metallic or conductive surface.

**5. CONNECTIONS:**

Section and type of conductors:

Bus and Power Circuit:

CAT6 Cable F/UTP shielded, twisted;



**Communication Bus:**

The **Input Bus (Rx)** connection should be carried out by means of one pair of twisted wire (CAT6). For example: Green for **A** and Green/White for **B**.

The shield must be connected to GND.

**6. ADDRESSING AND CONFIGURATION:**

To assign the desired module to do the following:

1. Open "Register modules" in the Mordomus software;
2. Press address (Addressing) inside the module. The Green LED will blink slowly and the red LED will pulse once. Note that after three minutes without having assigned a new address, the module automatically returns to normal mode.
3. Set the desired address in the window now displayed on Software Mordomus.

**The chosen address must not be shared with another module.**



## **7. OPERATION:**

### **Led codes:**

**Green LED lit:** Module powered up;

**Green led flashing:** Module receiving data from BUS;

**Green LED blinking steady:** Waiting for address;

**Red LED flashing:** Module sending data to Bus;

**Yellow LED:** Indicates Output Status.

**Reset:** In order to perform a Reset to the module, interrupt the power supply for a few seconds.