

EL-2601

The EL-2601 is a magnetic door and window contact designed for use with Electronics Line 3000's supervised wireless range of receivers.

Installation Instructions

1. To open the housing, insert a small screwdriver at the bottom of the unit between the front and back cover and twist the screwdriver to release the cover.
2. Remove the insulator separating the battery from the contacts on the battery holder. When you apply power and the Tamper switch is open, the EL-2601 enters Test mode during which a transmission is sent every few seconds. You can terminate Test mode by closing the Tamper switch. Test mode is automatically terminated after approximately five minutes. **Note: Due to the occurrence of voltage delay in lithium batteries that have been in storage, the batteries may initially appear to be dead. In this case, leave the unit in Test mode for a few minutes until the battery voltage level is stabilized.**
3. While the EL-2601 is in Test mode, set the receiver to Registration mode and make sure that the EL-2601's LED lights up at least twice. After registration, close the Tamper switch to terminate Test mode. The receiver allocates a transmitter number to each registered unit. Write this number and the number of the zone on the sticker provided. Affix the sticker inside the front cover for future reference.
4. Before permanently mounting the unit, test the transmitter from the exact mounting position. If necessary, relocate the transmitter to a better position.
5. To remove the PCB, press the PCB release tab and carefully lift the board and slide the board away from the back cover. **Note: When handling the PCB, do not apply pressure on the antenna.**
6. If connecting a wired contact loop, remove the Wired Loop jumper (JP1). Connect the terminal block as follows: 1 – Alarm; 2 – GND. For this purpose, a wiring knockout is provided in the back cover. **Note: The EL-2601 does not have EOL supervision of its loop wiring. Therefore, for UL Household Burglary installations, the loop wiring may not exceed 3 feet (0.9m).**
7. Mount the back cover using two screws and replace the PCB. Use ISO 7050 (ST3.5 x 22) or similar countersunk screws so that the screw head will not touch the PCB – see Figure 2.
8. To open the magnet's housing, insert a small screwdriver into one of the pry-off slots located at either end of the magnet's back cover and lift to separate from the front cover.
9. Mount the back cover of the magnet using two screws. Make sure that the guideline on the magnet is correctly aligned with the guideline on the transmitter. **Note: Do not install the magnet further than 0.4" (1cm) from the transmitter.**
10. Test the transmitter, making certain that the LED is lit when opening the door/window and again when closing.
11. Close the front covers of the transmitter and the magnet.

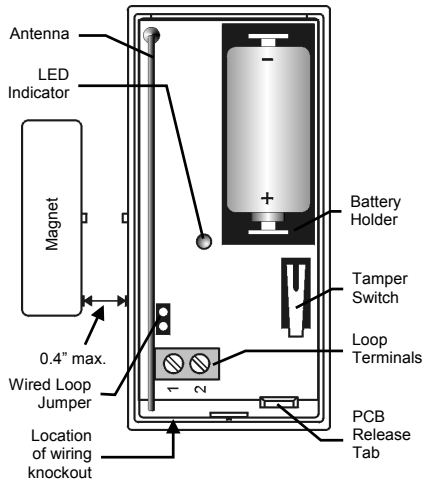


Figure 1: EL-2601 (cover off)

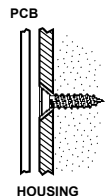


Figure 2: Mounting Screw Position

Technical Specifications

Antenna: Built-in Internal Whip
Frequency: 418MHz FM
Power: 3.6V ½ AA Lithium Battery (Part No. BT5055)
Caution: Fire, explosion and severe burn hazard!
Do not recharge, disassemble or heat above 212°F (100°C).
Current Consumption: 25mA (transmission), 10µA (standby)

Loop Input Voltage Range: 0-15VDC/AC (peak to peak)
RFI Immunity: 40V/m
Operating Temperature: 32-140°F (0 to 60°C)
Dimensions: 2.6"H X 1.2"W X 1"D (65 x 30 x 25mm)
FCC ID: RIVEL2601-2

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna. 2. Increase the separation between the equipment and the receiver. 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. 4. Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Electronics Line 3000 Ltd.) could void the user's authority to operate the equipment.



Electronics Line

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