

BOX M
CM O

MOTOR CONTROLLER



Single-phase motor controller for coaxial motors

SINGLE-PHASE MOTOR CONTROLLER

BOX M CM O is a motor controller designed to be used with roll-up doors and blinds. It controls single-phase coaxial motors of up to 0.75CV at 230V AC.

MULTIFUNCTION

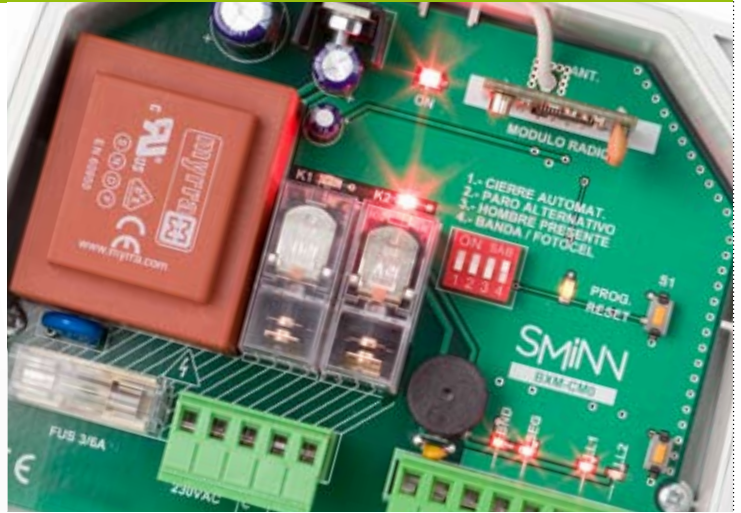
This device can work in automatic, alternating stop and dead-man modes.

- BUILT-IN RECEIVER
- FOUR OPERATION MODE TYPES
- CONFIGURATION VERSATILITY
- EASY TO INSTALL
- OPERATION INDICATOR LED

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Easy set-up

BOX M CM O supports various different configurations by means of its:

- › Function selector.
- › Digital programming of operation times.
- › Automatic limit switch selector.

Maximum safety

Supporting up to 35 transmitters, it has a highly sensitive built-in Evolutive Cryptocode receiver. This receiver guarantees operational safety thanks to its encrypted codification system which has more than 4 billion combinations.

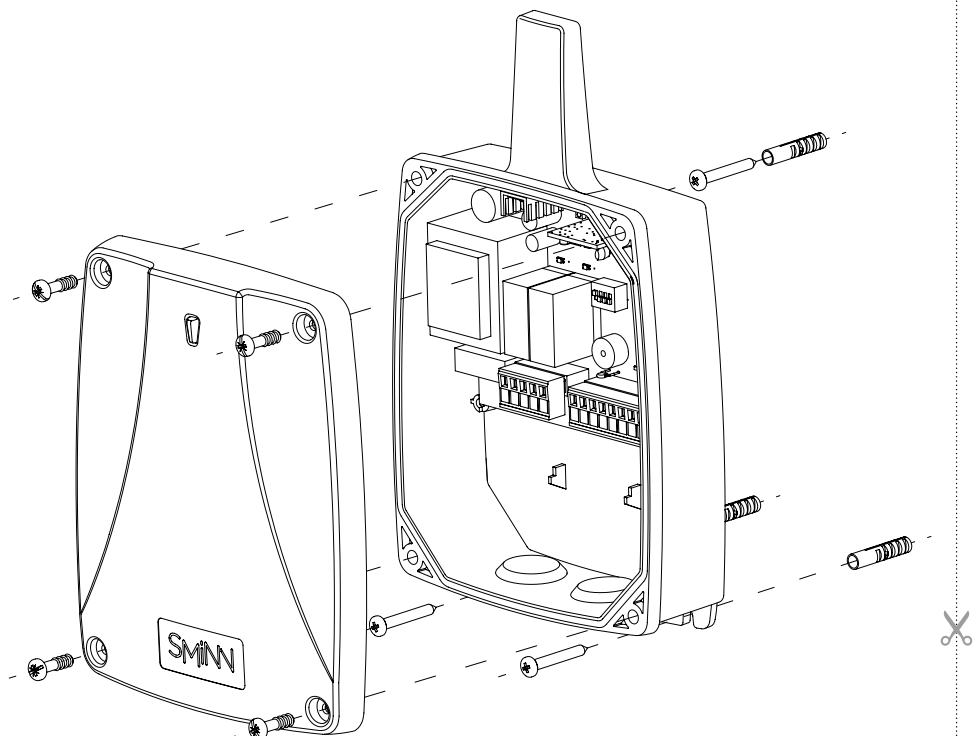
Reliability

Manufactured in an ABS plastic box with high-grade IP-54 protection. Simple installation thanks to the following features:

- › Just three mounting screws.
- › Pre-threaded screws on the front cover.
- › Plenty of space for wiring.
- › High power relays for the motor.
- › Stabilised power supply.
- › Network transient suppressors.
- › Optocoupled inputs.
- › Protected voltage outputs.

TECHNICAL SPECIFICATIONS

| | |
|---------------------------|---|
| BOX M - CM0/240 | 432,92 MHz |
| BOX M - CM0/280 | 868,3 MHz |
| Power | 230 V AC (125 V AC optional) |
| Motor power | 0.75CV single-phase |
| Radio receiver | Superheterodine (< -115 dBm) |
| Encoding | Evolutive Crypto Code |
| Memorisation | 35 codes |
| Voltage output protection | Automatic resettable fuse |
| Voltage outputs | 15VDC/0,3 A (depending on the model) |
| Manoeuvre control inputs | 3 optocoupled (SEG-LL1/LL2) 1 analog (8k2 safety band) |
| Operating temp. | 20°C / +85°C Industrial range |
| Permitted humidity level | Up to 85% RH |
| Cover | ABS |
| Size | H185 x W145 x Z65 mm |
| Weatherproofing | IP-54 (IP-66 with cable glands) |



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Elsion Sistemas

T. +34 944 525 120
info@sminn.com
Pol. Torrelarragoiti, P6 - A3 - 1º
48170 Zamudio Vizcaya (Spain)