

EL-B-MS

Electromechanical strike lock, with with Micro Switch

| | |
|---------------|----------------|
| Model number: | EL-B-MS |
| Old Code: | 99 NF Top 305 |



General Description

The EL-B-MS is a compact electric strike, reversible flush-mounted electric strike designed for secure door access control, featuring adjustable jaw flexibility and compatibility with various AC/DC voltage ranges for reliable operation in diverse environments.

Technical Specifications

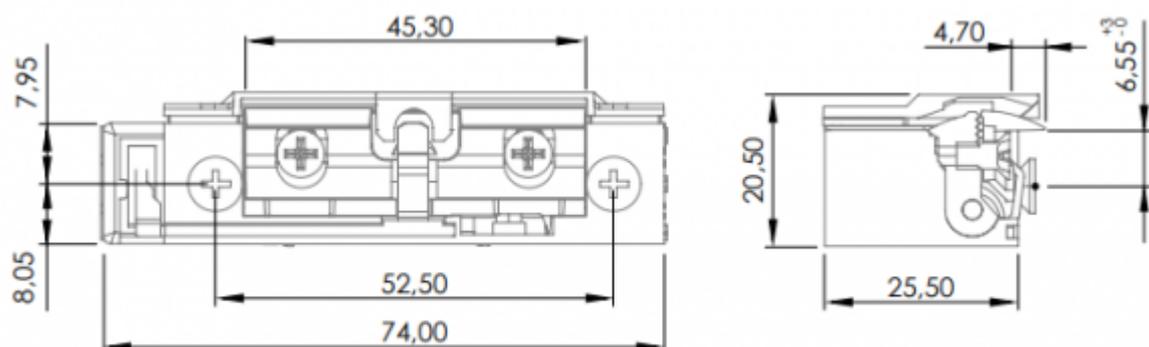
| | |
|---------------------------|---------------|
| Installation | Flush |
| Reversible | Yes |
| Height | 74 mm |
| Width | 20,50 mm |
| Depth | 25,50 mm |
| Jaw Depth | 4.70 mm |
| Flex Jaw Adjustment | +2 - 1 mm |
| Tested Cycles | 200,000 |
| Temperature Working Range | -25°C to 50°C |
| Breaking Resistance | 5,350 N |

Electromechanical data

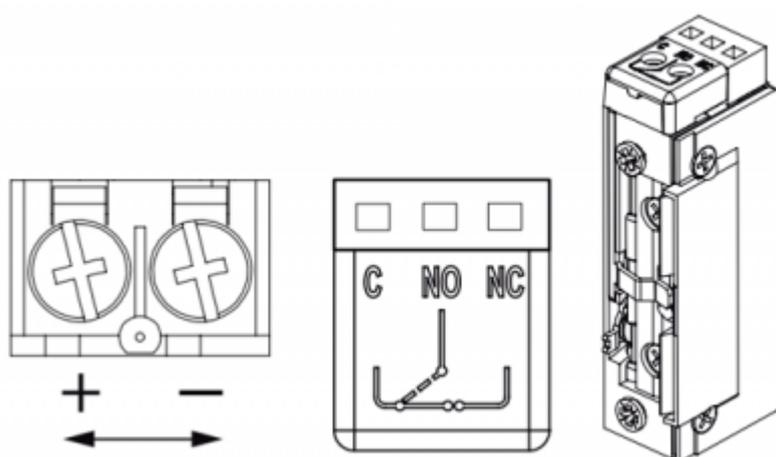
| Voltage Range (V) | Functioning | Coil Resistance (Ω) | Electric Duty Cycle (%ED) | AC Current Consumption (mA) | DC Current Consumption (mA) | Maximum Preload Open AC | Maximum Preload Open DC |
|-------------------|-------------|------------------------------|---------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|
| 24 (424) DC | Fail Secure | 132 | 100% ED 24 VDC | - | 200 | - | - |
| 24 (524) DC | Fail Secure | 230 | 100% ED 24 VDC | - | 110 | - | - |

Coil tolerance: $\pm 5\%$

Dimensions



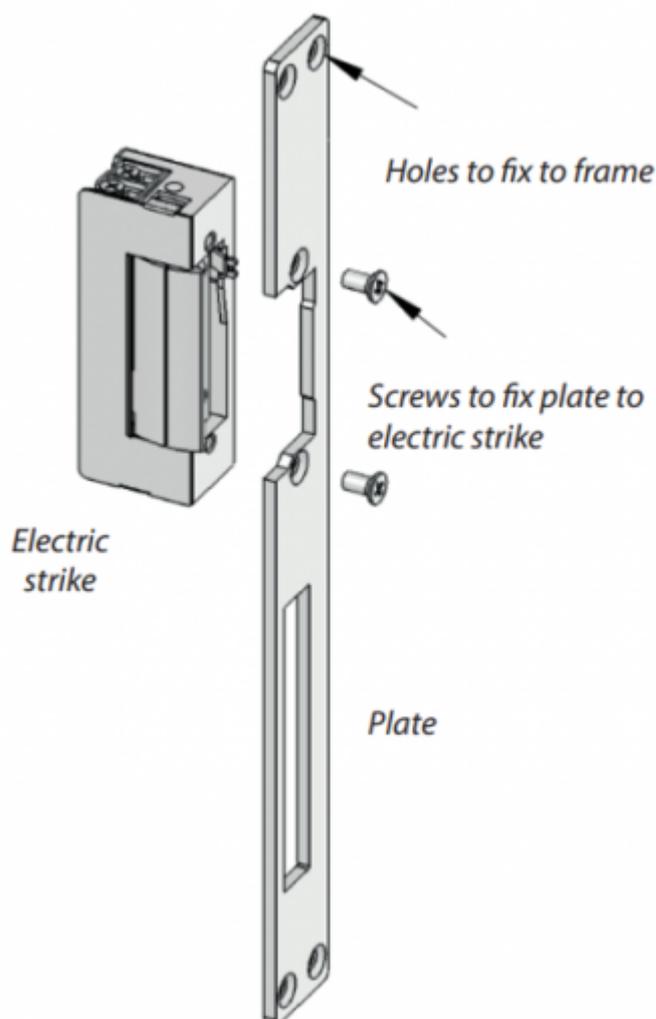
Electric and monitored Connections



Electric connections

- Electric strikes work usually without polarity. A diode can be installed to work with polarity

Installation instructions



Generic installation

- Before starting connection, please check the electrical features as well as the voltage and the current strength of the power supply.
- Follow the manual and connect the cable as indicated on the diagram.
- Fit in the electric strike on the plate using screws.
- Fit in the assembly electric strike and plate to the door frame using screws.
- Adjust if it is necessary flex system.
- Use the electric strike.

Caution

Electric strike could be damaged in some wrong using conditions:

- Voltage is higher than rated. Check voltage output before installation.
- Do not oil or lubricate the electric strike, this could damage internal parts.
- Paint, dirty or wet may affect to the electric strike functions

Manufacturer Documentation

[Official manufacturer manual \(PDF\):](#)

[99-nf-top-305.pdf](#)
[technical_drawing_robotina_-_hotel.pdf](#)