

EL-B

Electromechanical strike lock, basic

Model number:

EL-B



General Description

The EL-B 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

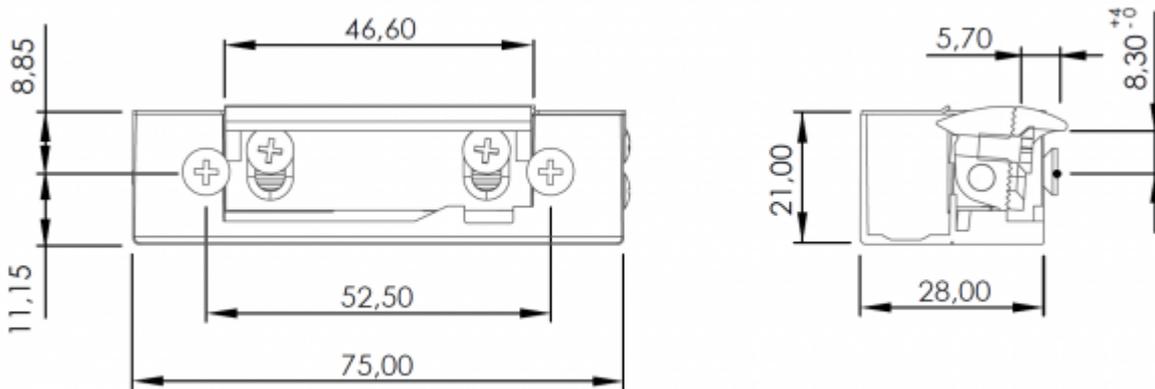
Installation	Flush
Reversible	Yes
Height	75 mm
Width	21 mm
Depth	28 mm
Jaw Depth	5.70 mm
Flex Jaw Adjustment	+4 -0 mm
Tested Cycles	200,000
Temperature Working Range	-25°C to 50°C
Breaking Resistance	3,300 N

Electromechanical data

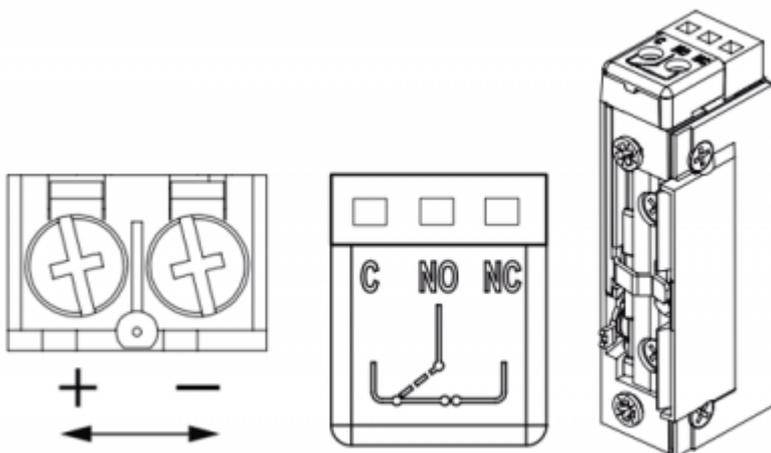
Voltage Range (V)	Functioning	Coil Resistance (Ω)	Electric Duty Cycle (%ED)	AC Current Consumption (mA)	DC Current Consumption (mA)	Maximum Preload Open AC	Maximum Preload Open DC
24 (424) DC	Fail Secure	132	100% ED 24 VDC	-	200	-	-
24 (524) DC	Fail Secure	240	100% ED 24 VDC	-	110	-	-

Coil tolerance: $\pm 5\%$

Dimensions



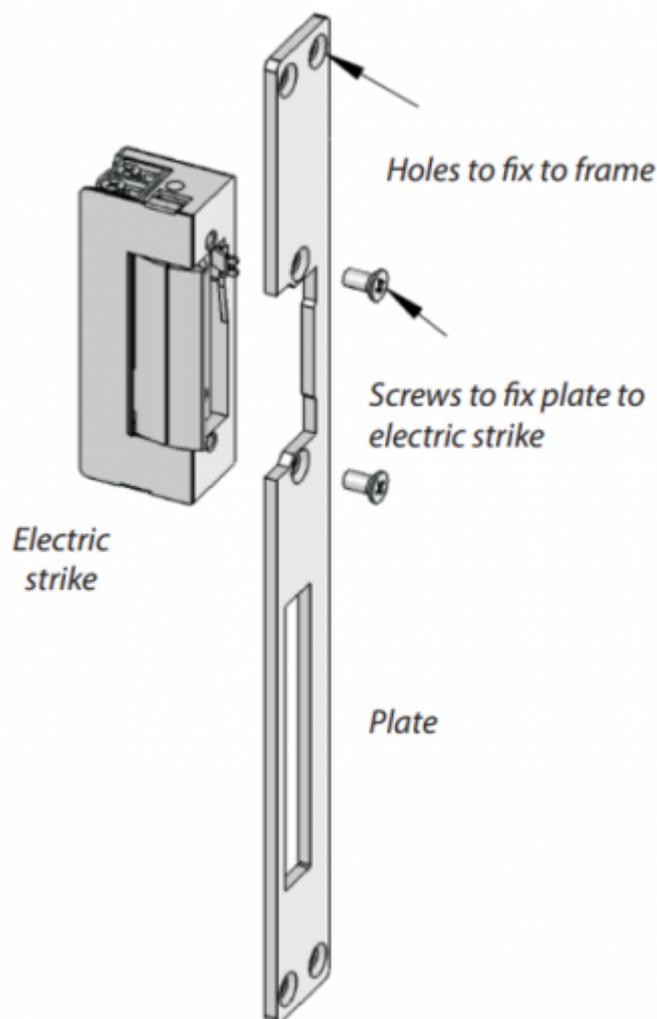
Electric and monitored Connections



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 the electric strike functions

Manufacturer Documentation

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

[electric_strikes_45nf_-_tech_data.pdf](#)