Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. EL-N

1.1. Electromechanical strike lock, narrow

Model number:	**EL-N**

1.2. General Description

The EL-N 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.

1.3. Technical Specifications

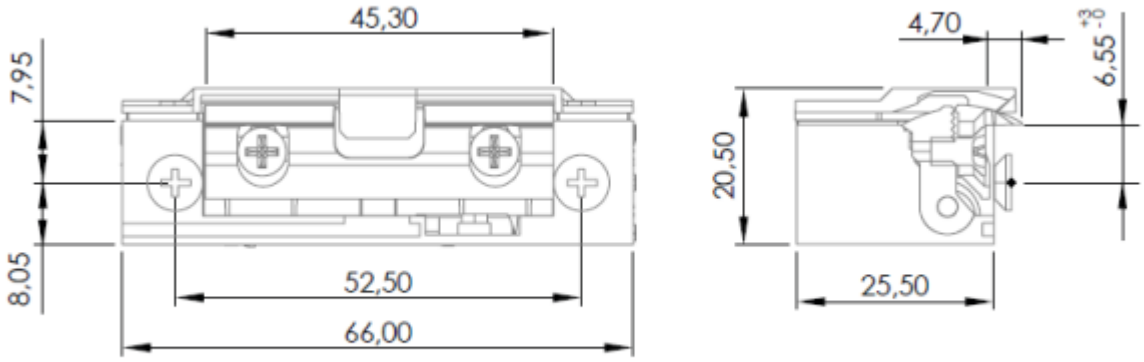
Installation	Flush
Reversible	Yes
Height	66 mm
Width	20,50 mm
Depth	25,50 mm
Jaw Depth	4.70 mm
Flex Jaw Adjustment	+2 - 1 mm
Tested Cycles	200,000
Temperature Working Range	-25°C to 50°C
Breaking Resistance	3,500 N

1.4. Electromechanical data

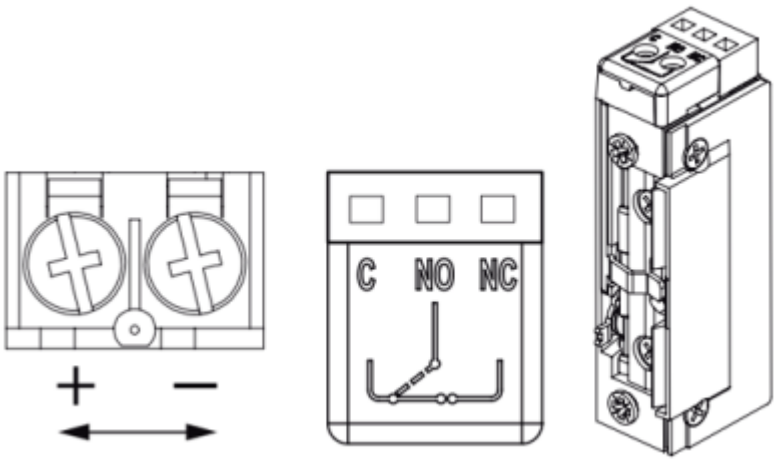
Voltage Range (V)	Functioning	Coil Resistance (Ω)	Electric Duty Cycle (%ED)	AC Current Consumption (mA)	DC Current Consumption (mA)	Maximum Preload Open AC	Maximum Preload Open DC
24 (424) DC	Fail Secure	132	100% ED 24 VDC	-	200	-	-
24 (524) DC	Fail Secure	230	100% ED 24 VDC	-	110	-	-

Coil tolerance: ±5%

1.5. Dimensions



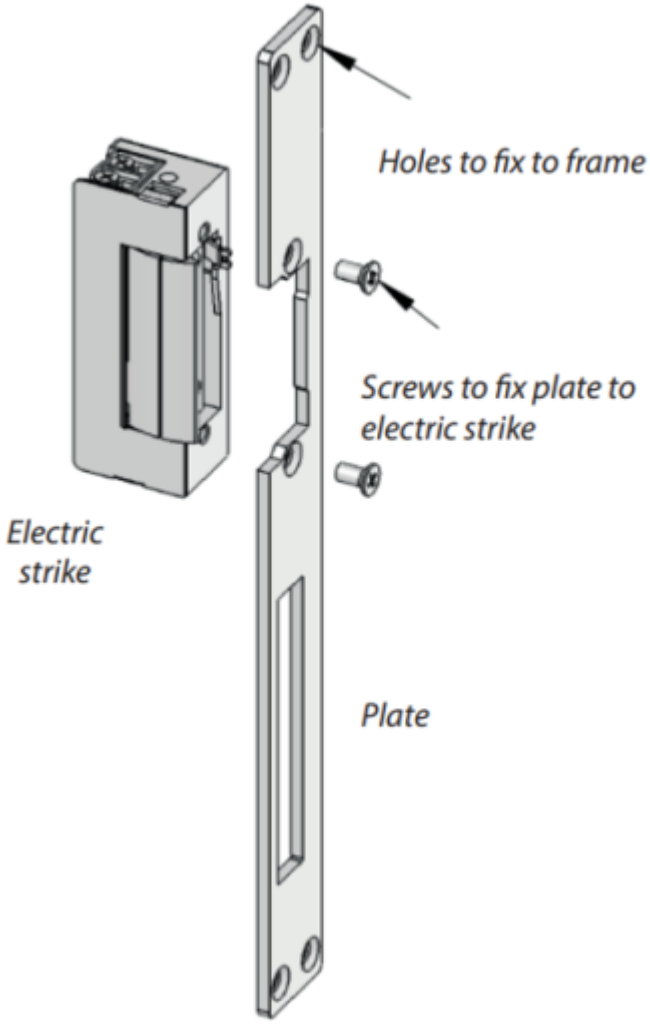
1.6. Electric and monitored Connections



1.6.1. Electric connections

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

1.7. Installation instructions



1.7.1. Generic installation

- Before starting connection, please check the electrical features as well as the voltage and the current strenght 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.

1.7.2. 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 aect to the electric strike functions

1.7.3. Manufacturer Documentation

Official manufacturer manual (PDF):

electric_strikes_99nf_top_tech_data.pdf