

## EN – USE AND MAINTENANCE

*Installation and maintenance by qualified personnel only*

### Use

The Electromagnetic fire door holders are installed to keep the door open up to an angle of 180° with respect to the closed position. Fix the electromagnet in a well identified position (wall, floor or suitable fixed structure) according to the installation instructions provided with the electromagnet. Fix the keeper plate as far away as possible from the door hinges, in accordance with the instructions of use of the door. The keeper plate allows to obtain different inclination and the angle of the disc must be adjusted parallel to the electromagnet. Tighten adequately the locking screw to maintain the chosen angle. Provide the necessary and correct electrical connections and power the electromagnet. Open the door up to the contact between the electromagnet and the keeper plate, by checking that the keeper plate is properly withholds by the electromagnet. Check that the electromagnet properly withholds the door open, act with a **slight force** in trying to close it. To close the door **do not pull it**; please act on the appropriate button to release and to close it or turn off power.

### Maintenance

Ordinary maintenance operations are recommended. They must include visual and functional verification of integrity of the electromagnets and keeper plates.

The **suggested** schedule, depending on frequency use, is the following:

- average use (0-50 openings/day) every 6 months;
- intensive use (50-200 openings/day) every 3 months;
- high use: a specific periodic maintenance should be scheduled.

Check the operating and functionality status of the components. In detail:

#### check in absence of electric power:

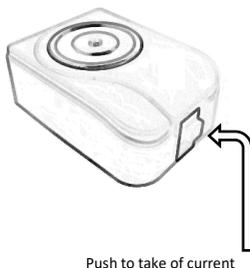
- remove the cover to access the terminal and verify the absence of exposed or short-circuited wires. Check that the wires are not pinched between the electromagnet and the wall/floor; Verify that the electrical wires/cables do not force the connection clamps to the electromagnet;
- visually check the absence of damaged or broken parts, in particular verify that the electromagnet and the keeper plate have no dents or extraneous substances deposits;
- check the fixing screws of the components (electromagnet and keeper plate) and any screw tightening the angle of the keeper plate.
- If provided, check the presence and integrity of the gaskets that make the component watertight/waterproof.

#### Check in presence of electric power:

- check that the electromagnet properly withholds the door as per use instructions;
- check that the release button is properly operating, where required, by repeating the test at least 3 times;

In case of abnormal or damaged products, replace both electromagnet and keeper plate. Never try to repair the electromagnet and not make any changes. As far as not specified, before any intervention, it is recommended to contact the manufacturer's technical department by writing to [tecnico@elfri.com](mailto:tecnico@elfri.com)

*The installer will provide the end user "Use and maintenance" instructions - available on website [www.elfri.com](http://www.elfri.com)*



In the absence of the button release, embedded in the electromagnet, press the button provided in the electrical system intended for this purpose. Never force the door to release it from the electromagnet.

