

Electric Rim Lock

FS-ERL280-xx-xx Series

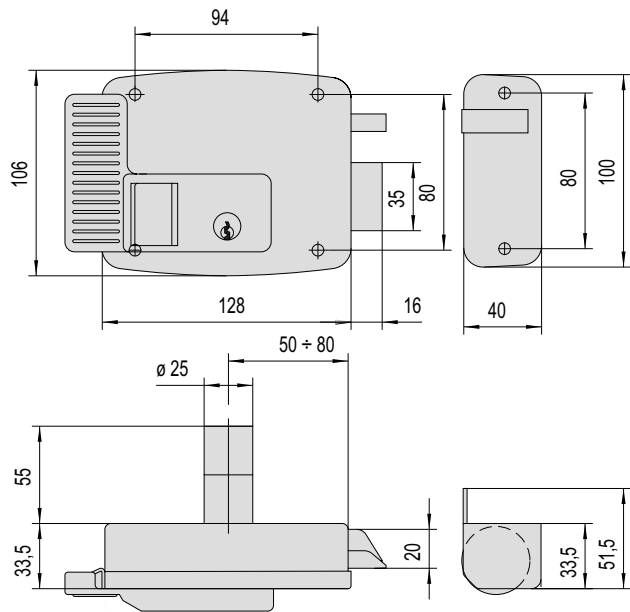
Features

- Possibility to adjust the force of the transom spring
- Operated by English key, push button and electric pulse
- Free passage mode: lock the button by pressing it and turning the key all the way from the inside.
- Complete with key override rim cylinder
- 3 keys supplied
- Inward and Outward openings
- Withstands 500 kg of side impact pressure and 200 kg of frontal impact pressure.



The product conforms to European Directive EEC 89/ 336, EEC 92/31 and EEC 93/68 on electromagnetic compatibility, in compliance with EN50081-1 and EN50082-1.

Dimensions

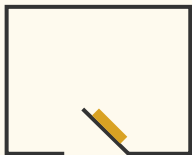


Specification

Rated voltage	12 V
Rated current	2,3 A
Resistance	DC 3,1 Ohm
Frequency	50 + 60 Hz
Electrical impulse	no more than 1 sec
Baxeth (Dornmass)	50 mm.
Non-powered state	Closed
Door weight	up to 200 kg

Directions for installation

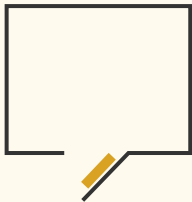
Right inward opening door



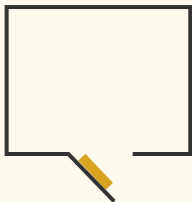
Left inward opening door



Right outward opening door



Left outward opening door



Model list

Model	Description
FS-ERL280-GG-RN	Right Inward Opening Gross Grey Cylinder Electric Rim Lock
FS-ERL280-GG-LN	Left Inward Opening Gross Grey Cylinder Electric Rim Lock
FS-ERL280-GG-RW	Right Outward Opening Gross Grey Cylinder Electric Rim Lock
FS-ERL280-GG-LW	Left Outward Opening Gross Grey Cylinder Electric Rim Lock

Recommendation

The lock is set for heavy doors. When used on light doors, remove the (patented) red pinto smoothen the closing of door. (**Fig 1**).

In order to connect the wires up to the lock terminals, press each tab, as shown in the diagram, until the holes are aligned, and then insert the cables after removing the insulating material from their ends (**Fig. 2**).

To operate the "STOP DEVICE" , press push button A and block it by turning the key (**Fig. 3**).

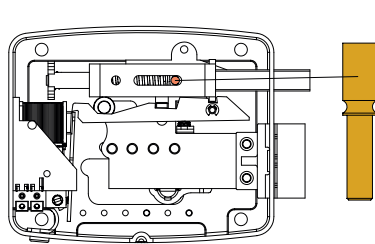


Fig.1

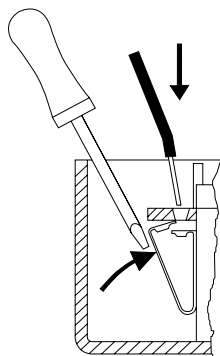


Fig.2

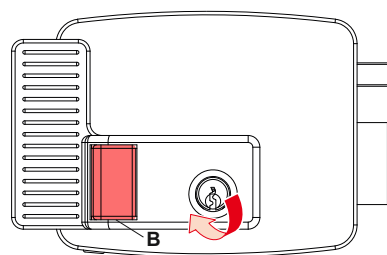


Fig.3

In the event that power input to the lock should be lower than these values, and therefore, that the lock will not open, the adjustment screw should be turned gradually in the direction indicated by the arrow (**Fig. 4**), which will help reach the lock latch electric release conditions.

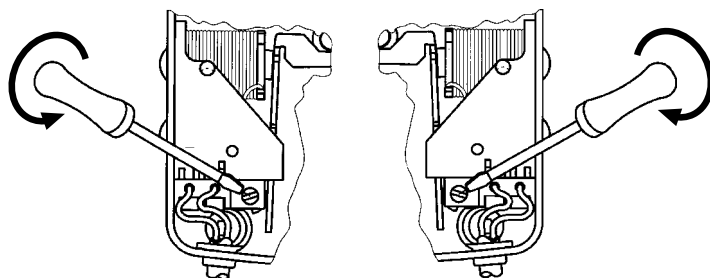


Fig.4

The lock is provided with patented dead-locking latch. For a proper operation, place lock at a distance not exceeding 7 mm. from strike. Upside down installation should be avoided.

Installation and Safety Instructions

- Read these instructions carefully and retain them for future reference. All data and statements contained in this manual override any previous information sheets.
- Installation must comply with applicable national standards. Ensure the electric lock is powered only by a safety transformer (compliant with EN 60742) or an equivalent power source that provides the same level of safety.
- Before connecting the electric lock:
 - Verify that the transformer output voltage matches the rated voltage of the electric lock.
 - Ensure the transformer has a minimum power rating of 15 VA.
 - Make sure the system is adequately protected against short circuits.
- Control unit requirements: The control unit (manual or electronic) must be properly sized for the current drawn by the electric lock, comply with the applicable safety standards, and provide a level of safety equivalent to that of the safety transformer.
- Safety precautions during installation and maintenance: Disconnect the electrical system from the mains before connecting cables or performing any work on the electric lock.
- Use standard-approved wiring with a minimum cross-sectional area of 1 mm².

We accept no responsibility for any damages resulting from failure to follow the above instructions.