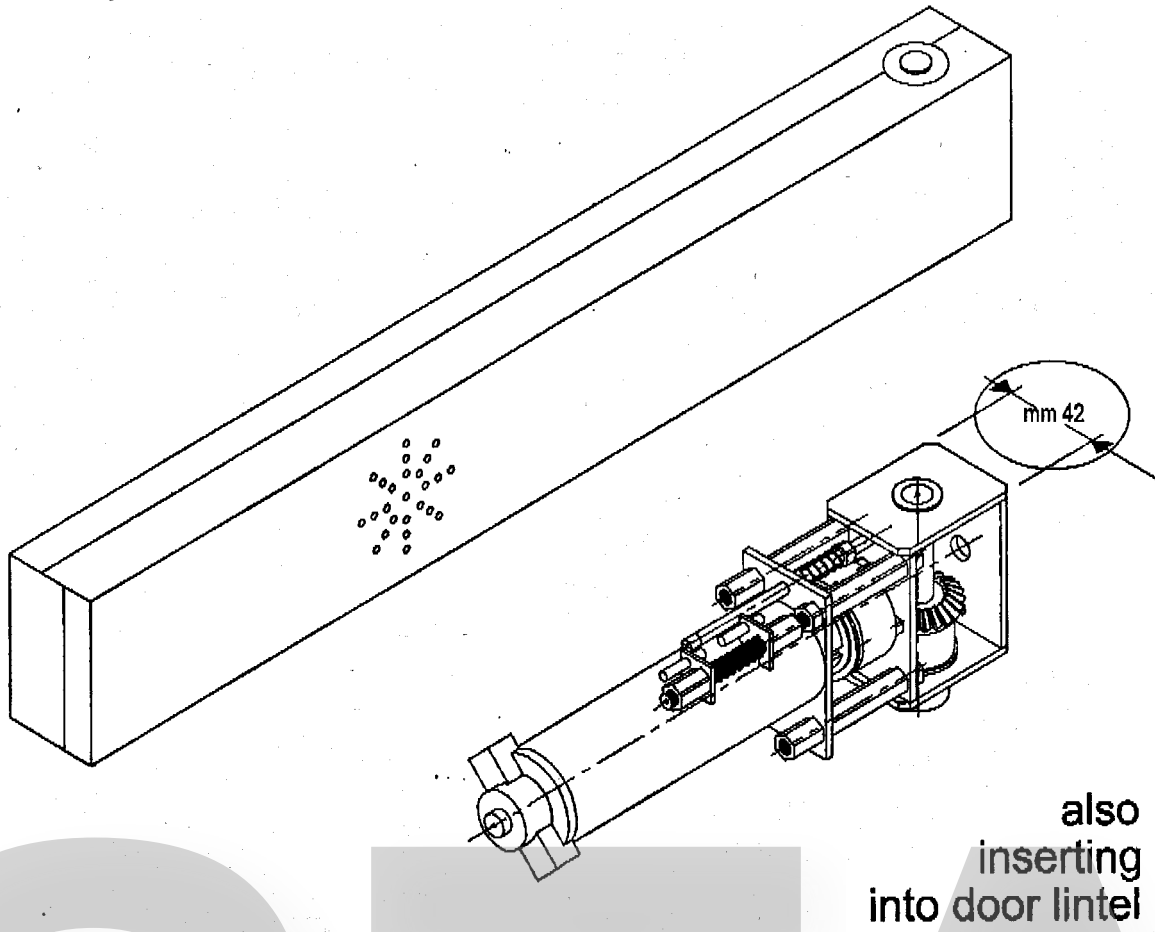


# OPEN-CLOSE FLAT



STA

# OPEN - CLOSE

## GENERAL INFORMATION

Manual is addressed to certified installers of DEVICES WHICH USE ELECTRICAL ENERGY (European Law n° 46 of 05/03/90) and it needs a good knowledge.  
**ATTENTION** : clamp must not be placed in parallel with safety circuit.

This device has been ideated only to automate pedestrian wing doors. Each other use is forbidden.

Before installation, test that wing of door has an enough stiff structure and that it is any friction during opening and closing phases.

Check that fastener surface is flat and suitable for a strong fastener of the device.

The light "present" must be eliminate for the following reasons :

- If you don't eliminate it, the signal "contact present" through the filament of light results always active, preventing the regular operation;
- With car at floor and signal, the user will push only the request bottom. In practice sequence in the same of a system with automatic operation.

## TECHNICAL CHARACTER

Feeding :	24 V AC DC
Nominal power :	30 W
Nominal couple :	15 Nm
Exercise temperature :	inside box from 0°C to +50°C
Automatism dimensions (mm) :	High 72 Depth 44 Length 470
Wing width (mm) :	500 - 900
Wing maximum weight :	50 Kg
Wing maximum opening angle :	100°

## PRINCIPAL FUNCTION OPEN - CLOSE

Movement of opening occur as in follow of an electric command so that striking manually the opening movement. If you begin to open wing, it continue automatically opening.

Movement of closing occur in automatic after a predetermined time of 8 sec. approx.

The device recognizes the impact against an obstacle during as the opening movement so that during the closing time. With impact during opening it stops himself and close again the predetermined time. During closing it stops himself and open again immediately, then after the predetermined time, it close again.

## OPTIONAL

- . **Vocal synthels** : "Open" - "Close" - "Free the door" - "Attention opened door"
- . **Remote control** : is possible to open door or call car by remote control.  
Remote control has an external switch for secondary feeding.
- . **Courtesy light** : it switch on at opening began and it switch off after 3" with closed door.
- . **Emergency opening / closing (blackout)** : by battery recharge.
- . **Radar** : photoelectric cell.
- . **Automatic opening again** in case of black-out just car joint at floor.
- . **Automatic closing again** in case of lack of tension

### CALIBRATION

Low speed intervention during closing and/or opening has signalised by lighting of the relative led. To the adjusting of intervention see point "A" and "B" page 4.

When door is set ajar, led "set door ajar" has to light.

Important : This led stay lighted also when car is not at floor. This is a secondary test for "s d a".

Avoid that door beat and bounce during closing and in this case led "s d a" could switch on and switch off.

This sequence could be understood by control panel as a "push and go" command.

### ATTENTION

"Present" contact into lock has to be a clean contact.

All connection operation on clamps of card and of optional must occur in lack of electric tension...

### NOTE

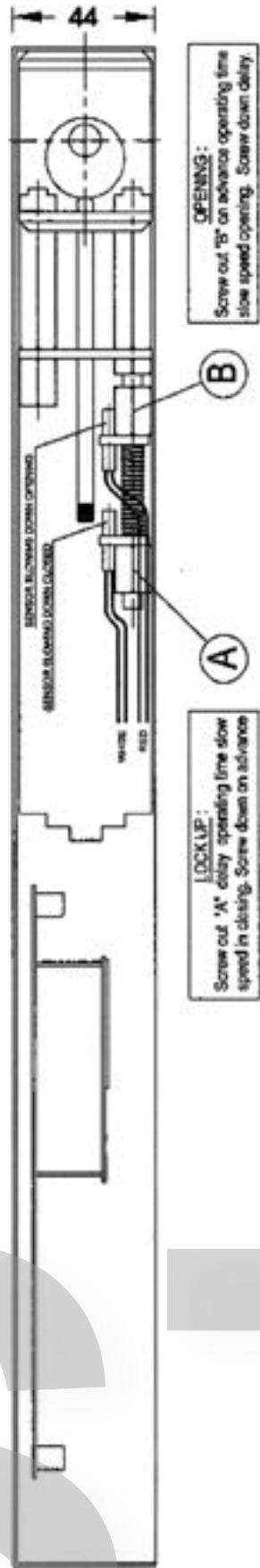
It's always possible, in lack of net or battery, move by hand the door.

# STA

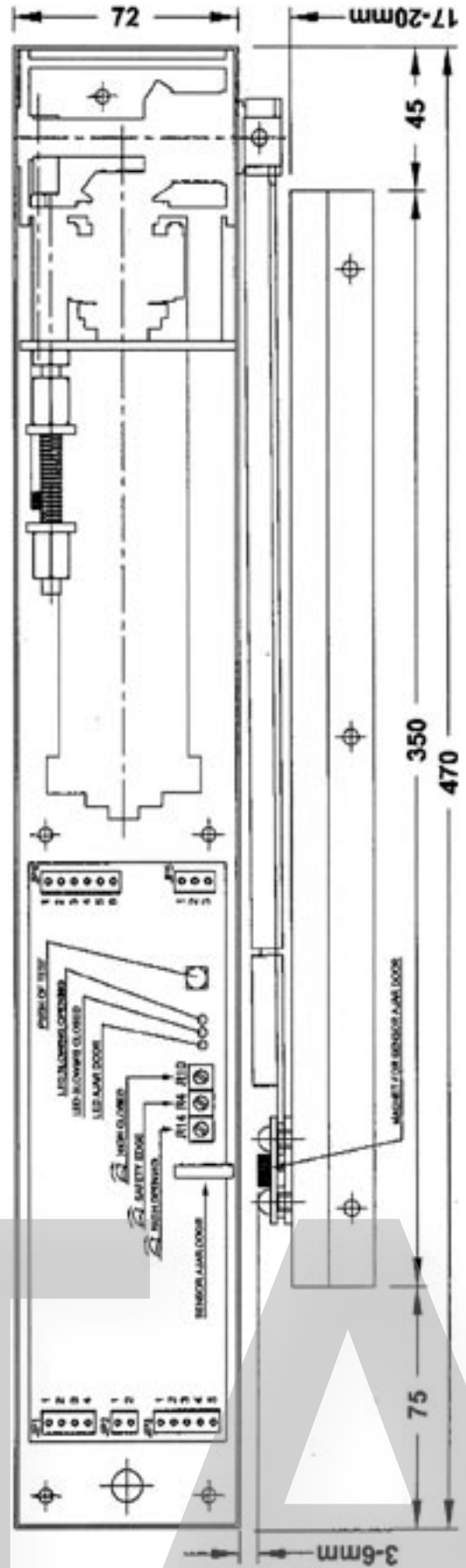


**OPEN-CLOSE APPLIED OUT DOOR LINTEL - HINGES RIGHT**

**TOP VIEW**

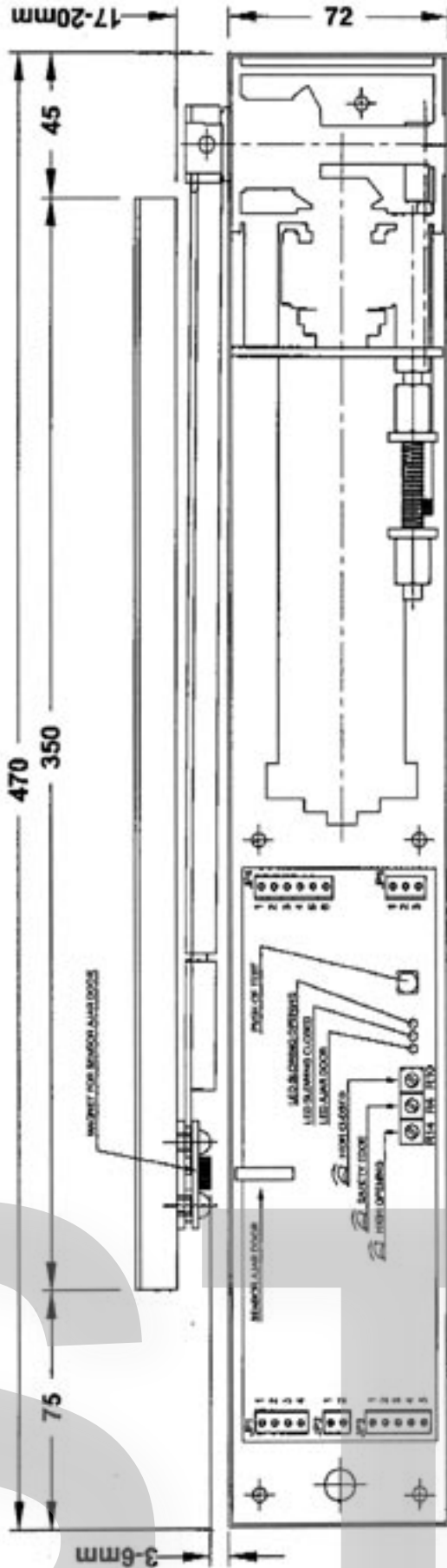


**FRONT VIEW**

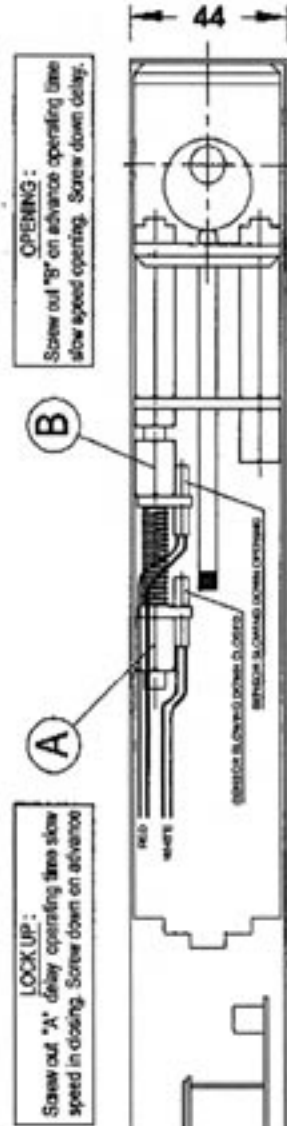


**OPEN-CLOSE APPLIED OUT DIRECTLY ON THE DOOR - HINGES RIGHT**

**FRONT VIEW**

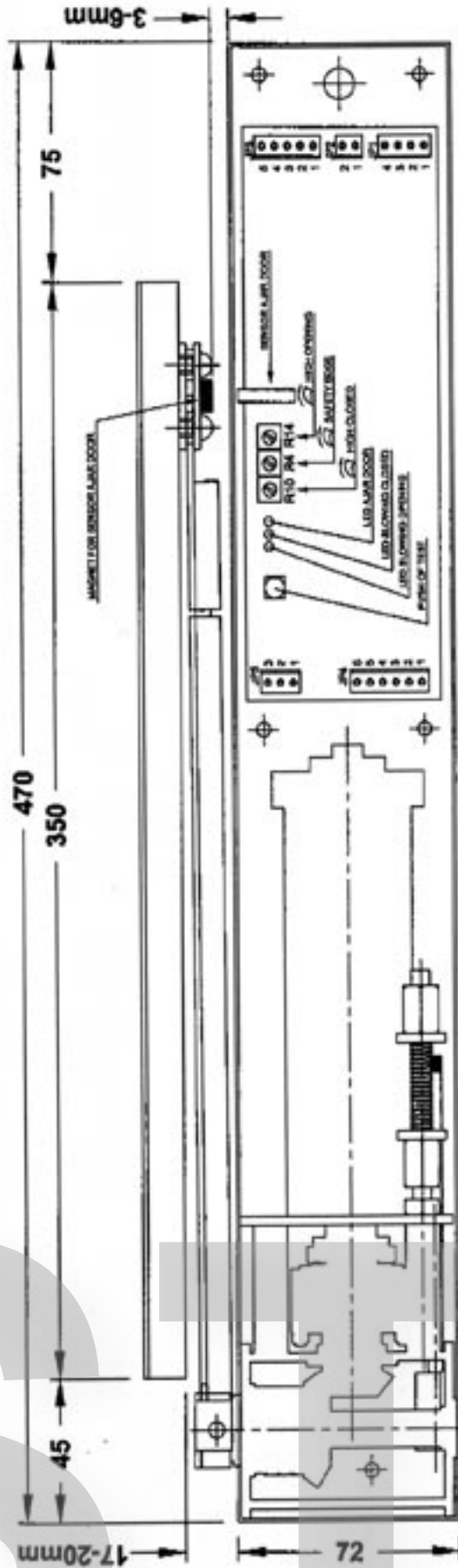


**DOWN VIEW**

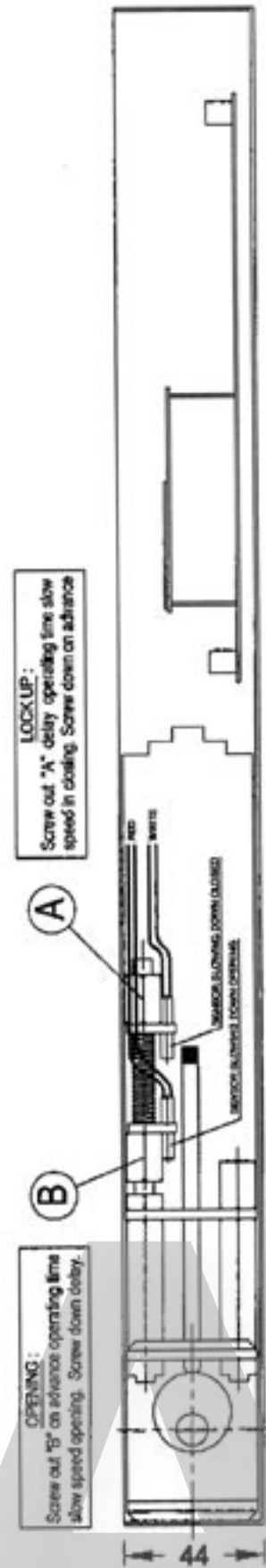


**OPEN-CLOSE APPLIED OUT DIRECTLY ON THE DOOR - HINGES LEFT**

**FRONT VIEW**



**DOWN VIEW**



## DROWING FOR TO ATTACH ELECTRONIC CARD OPEN-CLOSE

