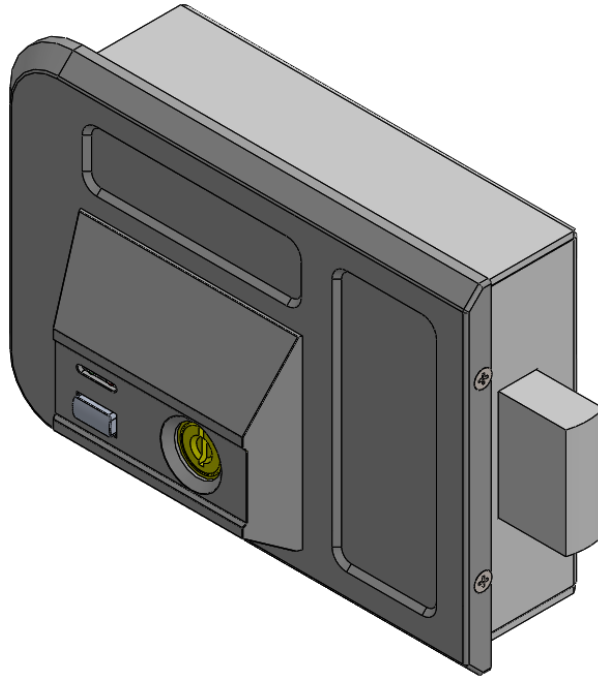


## GATE LOCK



Scanning the QR Code, with your smartphone or tablet, you can link to Practical Video Instructions.

You need a QR Code reader that you can download, free of charge, from Apple Store or Google Play

## TECHNICAL CHARACTERISTICS

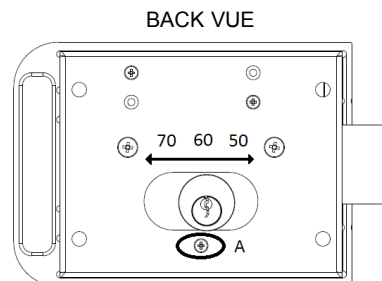
	Item 28001	Item 28002	Item 28003
<b>VERSION</b>	Inwards opening by key	Inwards opening by knob	Inwards opening by key and button Button can be switched off
<b>BACKSET</b>	Adjustable 50 – 60 – 70 mm	Adjustable 50 – 60 – 70 mm	Adjustable 50 – 60 – 70 mm
<b>DIRECTION</b>	.1 Right Hand .2 Left Hand	.1 Right Hand .2 Left Hand	.1 Right Hand .2 Left Hand
<b>POWER SUPPLY</b>	12 / 24 Vac/dc	12 / 24 Vac/dc	12 / 24 Vac/dc
<b>PEAK CURRENT (I max)</b>	1,2 A	1,2 A	1,2 A
<b>MAINTENANCE CURRENT</b>	200 mA	200 mA	200 mA
<b>AUTOMATIC CLOSING TIMING</b>	Adjustable from 5 to 60 seconds	Adjustable from 5 to 60 seconds	Adjustable from 5 to 60 seconds
<b>DEADBOLT STATUS INDICATION</b>	Two-colour Red/Green LED	Two-colour Red/Green LED	Two-colour Red/Green LED
<b>REMOTE DEAD-BOLT STATUS INDICATION</b>	Relay with Com/N.O./N.C. contact - <b>M</b> version only	Relay with Com/N.O./N.C. contact - <b>M</b> version only	Relay with Com/N.O./N.C. contact - <b>M</b> version only.
<b>LED FLOOR LIGHTING</b>	Two-colour Blue/White LED	Two-colour Blue/White LED	Two-colour Blue/White LED

## INSTALLATION

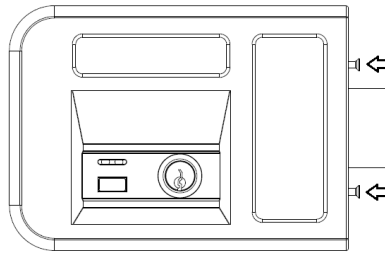
- Identify the solenoid lock position and choose the backset between 50 – 60 – 70 mm.

Make the fixing holes with the supplied template and the 25 mm diameter hole for the cylinder passage.

- Loosen the “A” screw and shift the cylinder in the requested backset. Fix the « A » screw again

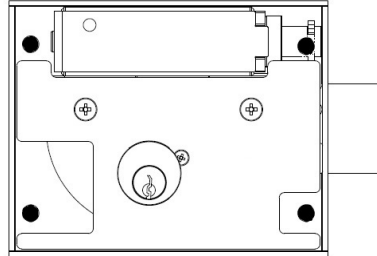


- Loosen the screws and remove the front cover, disconnecting the LED power supply connector from the circuit.

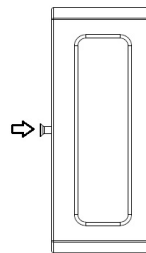


- Fix the solenoid lock using the pre-existing holes on the door. The 4th hole is hidden by the coil. Use the cylinder key to move the coil and make the hole visible.

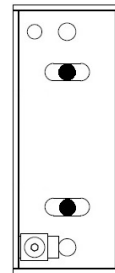
We recommend to use a manual screwdriver (not an electric one)



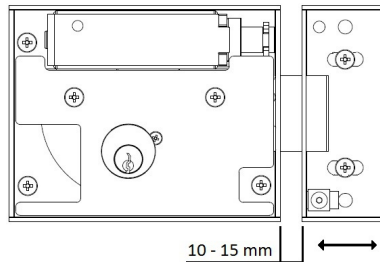
- Loosen the screw and remove the cover from the striking plate.



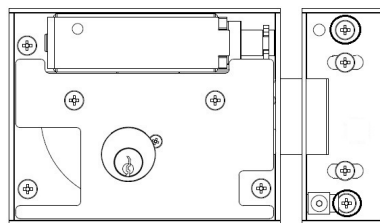
- Fix the striking plate, leaving the screws loose, using the slotted holes.



- Regulate the distance between the striking plate and the solenoid lock. It has to be between 10 and 15 mm. Tighten the screws on the striking plate.

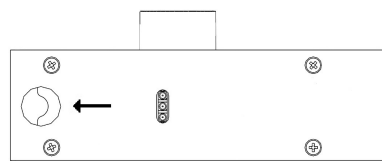


- Fix the striking plate making the holes and assembling the screws. Clean the striking plate to remove all risk of finding scrubs in the lock.



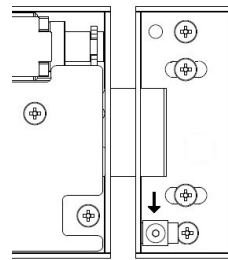
LOWER VIEW

- Insert the connection cable into the solenoid lock by the appropriate hole.



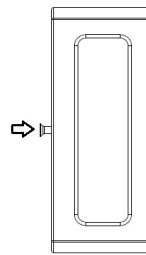
Plug the cable to the supplied female connector and insert it in its housing on the electronic card (see connection diagram).

- If necessary, regulate the magnet inside the striking plate.  
Loosen the screw, move the magnet, fasten the screw again.

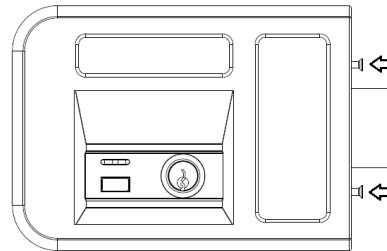


- Test all solenoid lock functions.

- Reassemble the cover on the striking plate and fix it with the screw previously loosen.



- Plug the connector to the LED circuit and fix the front cover to the solenoid lock using the screws previously loosen.



## TIMING ADJUSTMENT

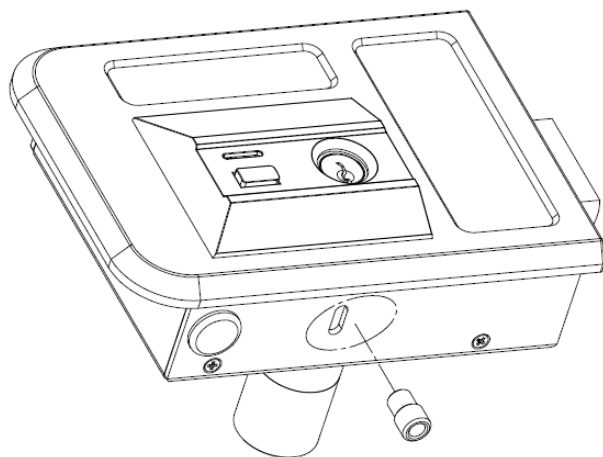
This operation enables the re-closing regulation time of the deadbolt if the door is not open. It has to be carried out when the door is open and deadbolt is internally withdrawn. To set desired times, use the cylindrical magnet supplied in the package.

**Timing can be set from 0 to 60 seconds. Each flash during programming corresponds to 5 seconds (for example, to set a 20 seconds timing, 4 flashes are needed). Default time is 10 seconds.**

To enter into the programming, lay the magnet under the lock, towards the lightened White LED. After about 3 seconds, the Red LED on the lock turns on for about 1 second to indicate programming has started. Keeping the magnet in the same position, Red LED begins to flash, setting a new timing; count the flashes and remove the magnet from its position when the required timing is achieved. LED light flashes again to confirm how many seconds have been set.

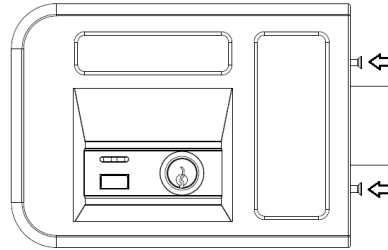
### Timing control

To control set timing, lay the magnet for 1 second under the lock, towards the lightened White LED. The Red LED on the lock flashes showing the set timing (for example if it flashes 4 times, it means set time is of 20 seconds).

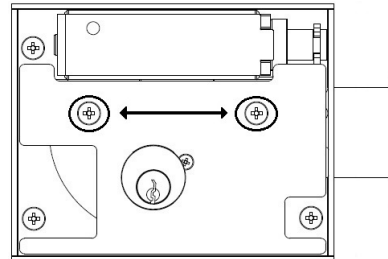


## DEACTIVATION OF THE ON BOARD SWITCH (Only for the 28003 version)

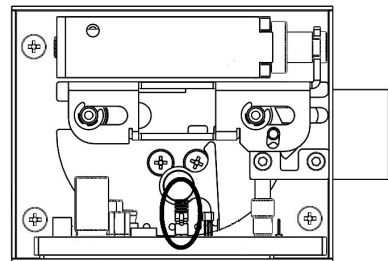
- Loosen the screws and remove the front cover disconnecting the LEDs power supply connector from the circuit.



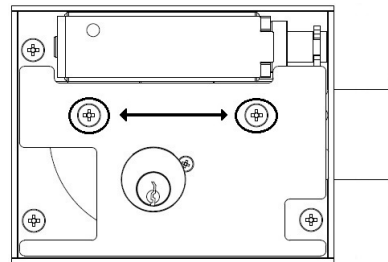
- Loosen the indicated screws and remove the cylinder plate.



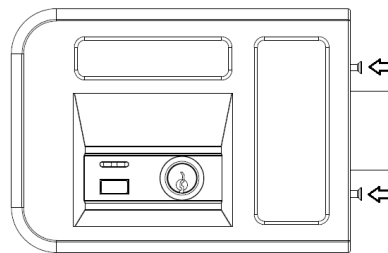
- Remove the indicated jumper.



- Reassemble and fix the cylinder plate.

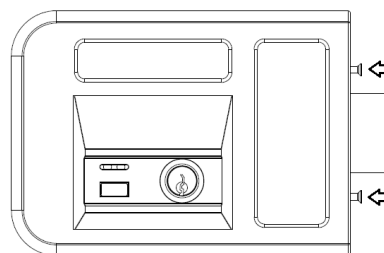


- Plug the connector to the LED circuit again and fix the front cover to the solenoid lock using the screws previously loosen.

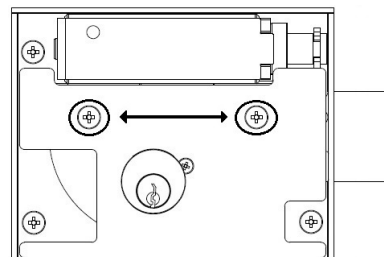


## REPLACEMENT OF THE EXTERNAL CYLINDER

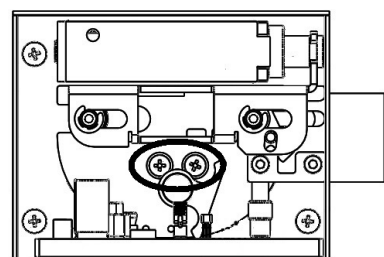
- Loosen the screws and remove the front cover disconnecting the LEDs power supply connector from the circuit.



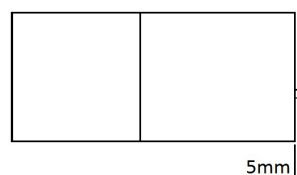
- Loosen the indicated screws and remove the cylinder plate.



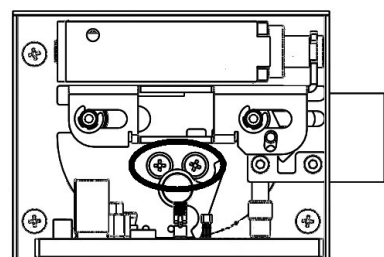
- Remove the external cylinder unscrewing the two highlighted screws.



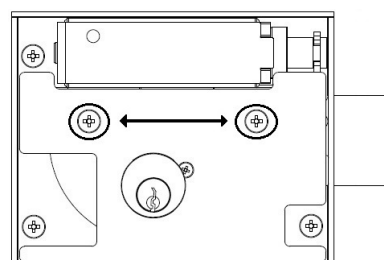
- On the new cylinder reduce the driving plate. It has to protrude 5 mm from the internal cylinder lever.



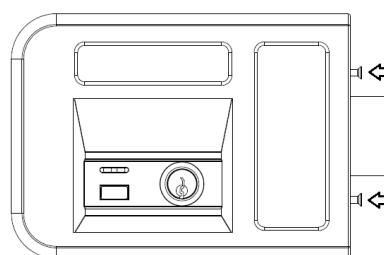
- Fix the cylinder screws and control the plate enters in its housing on the solenoid lock.



- Reassemble and fix the cylinder plate.

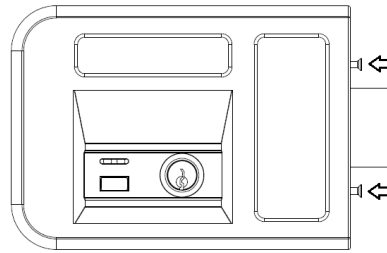


- Plug the connector again into the LED circuit and fix the front cover to the solenoid lock using the screws previously loosen.

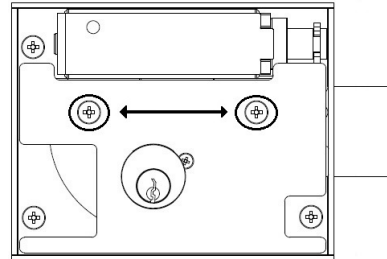


## REPLACEMENT OF THE INTERNAL CYLINDER

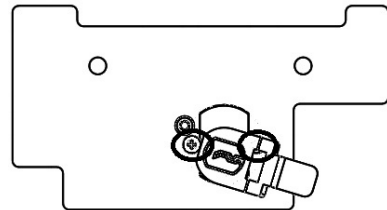
- Loosen the screws and remove the front cover disconnecting the LEDs power supply connector from the circuit.



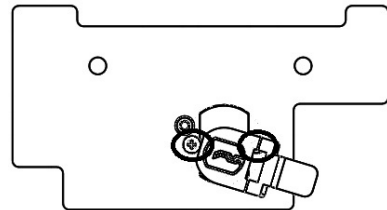
- Loosen the indicated screws and remove the cylinder plate.



- Turn the cylinder plate with a key and make sure the flat part of the plate lines up with the cylinder fixing screws. Remove the cylinder.

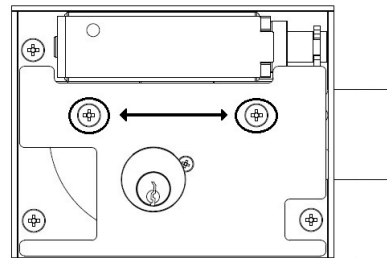


- Insert the new cylinder into the cylinder plate and, with a key turn the cylinder plate lining up the flat part of the plate with the cylinder fixing screws .

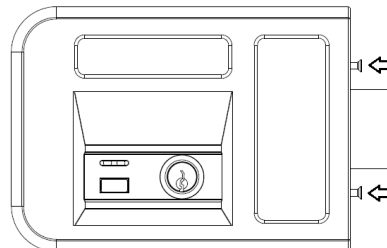


Fix the new cylinder.

- Reassemble and fix the cylinder plate.



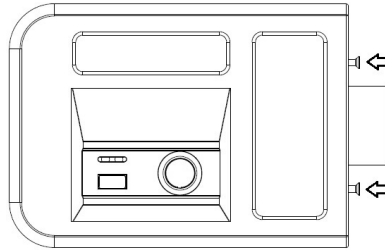
- Plug the connector back again to the LED circuit and fix the front cover to the solenoid lock using the screws previously loosen.



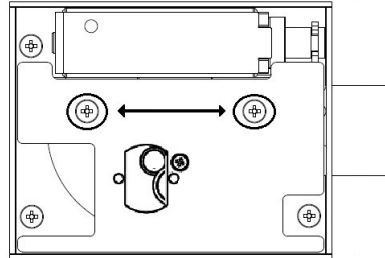


## EXTERNAL CYLINDER ASSEMBLING – SC VERSION

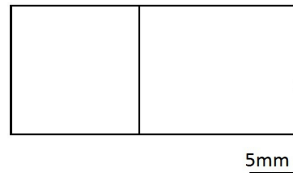
- Loosen the screws and remove the front cover disconnecting the LEDs power supply connector from the circuit.



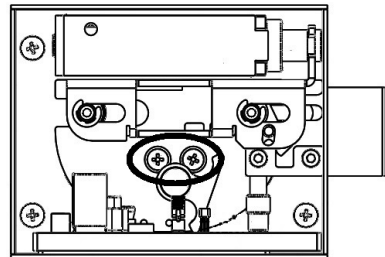
- Loosen the indicated screws and remove the cylinder plate.



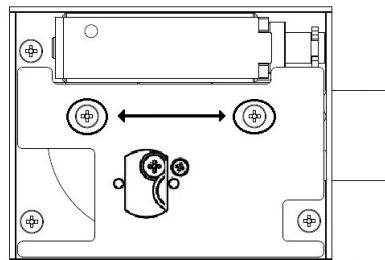
- On the new cylinder reduce the command plate. It has to protrude 5 mm from the internal cylinder lever.



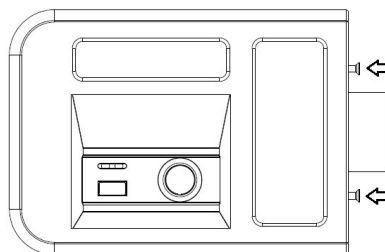
- If necessary, reduce the cylinder fixing screws. Tighten the cylinder screws making sure the command plate enters in its housing on the solenoid lock.



- Reassemble and fix the cylinder plate.

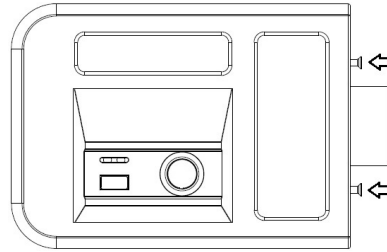


- Plug the connector back again to the LED circuit and fix the front cover to the solenoid lock using the screws previously loosen.

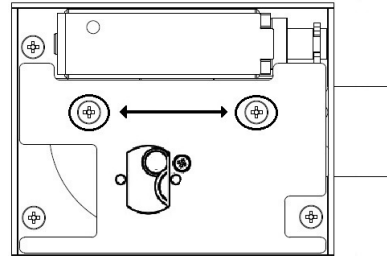


## INTERNAL CYLINDER ASSEMBLING – SC VERSION

- Loosen the screws and remove the front cover disconnecting the LEDs power supply connector from the circuit.

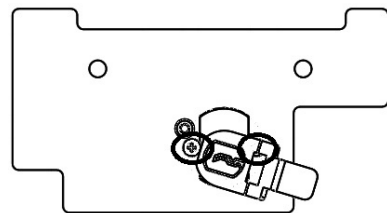


- Loosen the indicated screws and remove the cylinder plate.

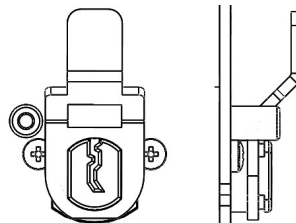


- Choose the cylinder plate between the one that has just been removed and the one you will find among the solenoid lock accessoires, suitable with the cylinder to install.

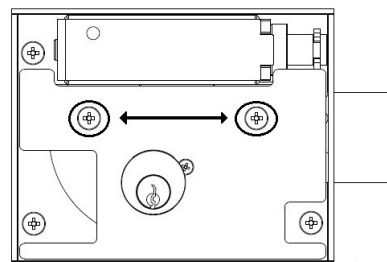
- Insert the new cylinder into the cylinder plate and, with a key turn the cylinder plate, lining up the flat part of the plate with the cylinder fixing screws. Fix the new cylinder.



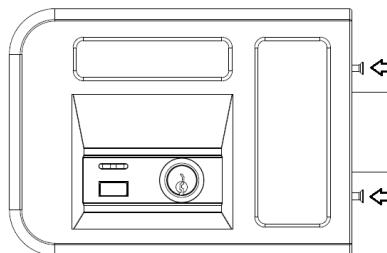
- Make sure that, once the key is removed, the cylinder plate is in the position as indicated in the figure.



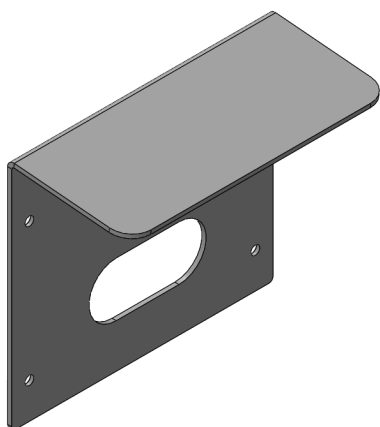
- Reassemble and fix the cylinder plate.



- Plug the connector back again to the LED circuit and fix the front cover to the solenoid lock using the screws previously loosen.

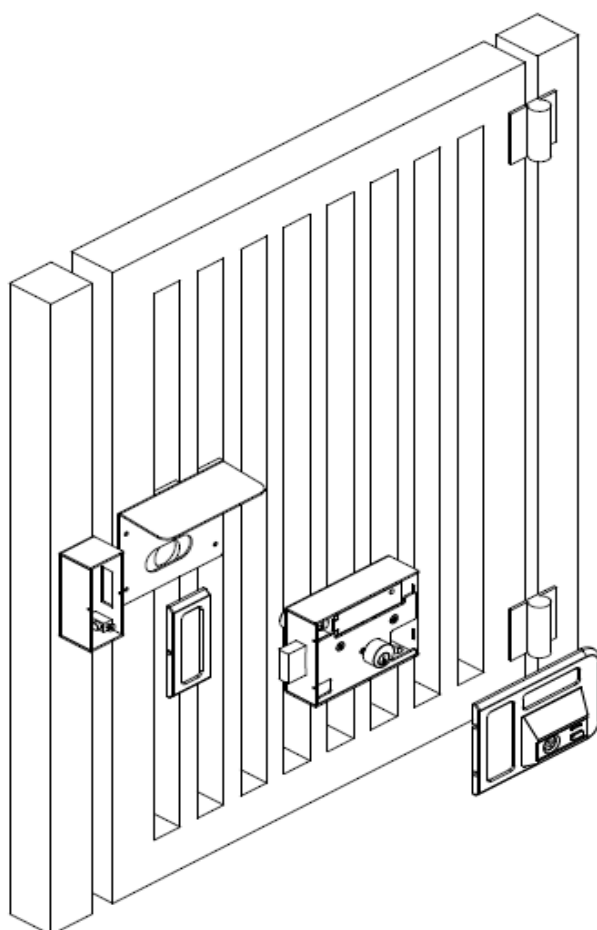


## ACCESSORIES

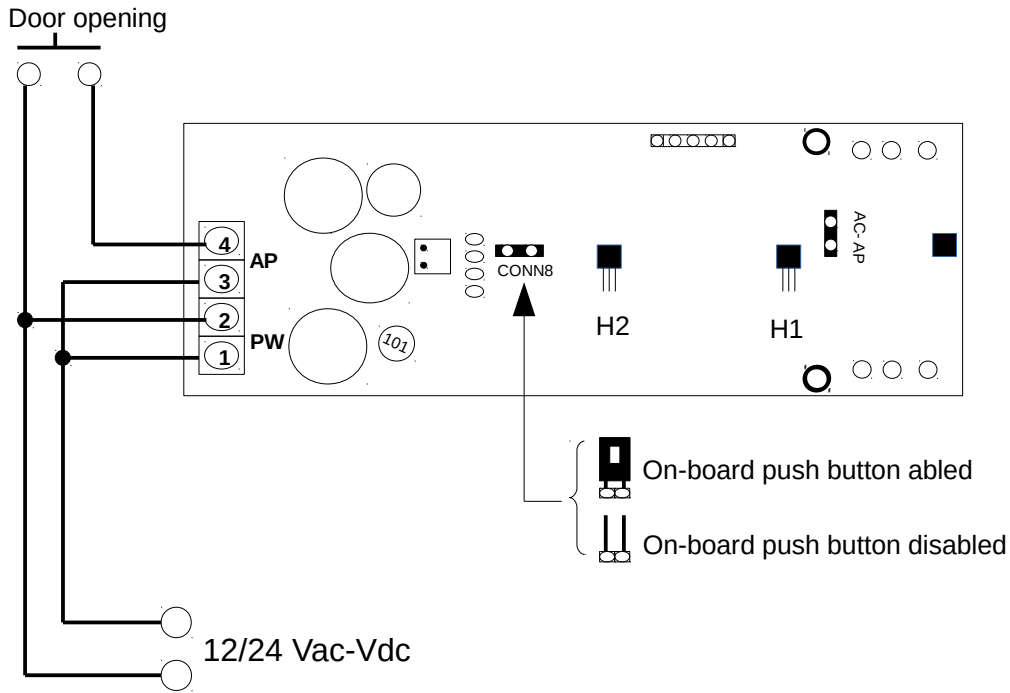


**COVER**  
Ref. 00280

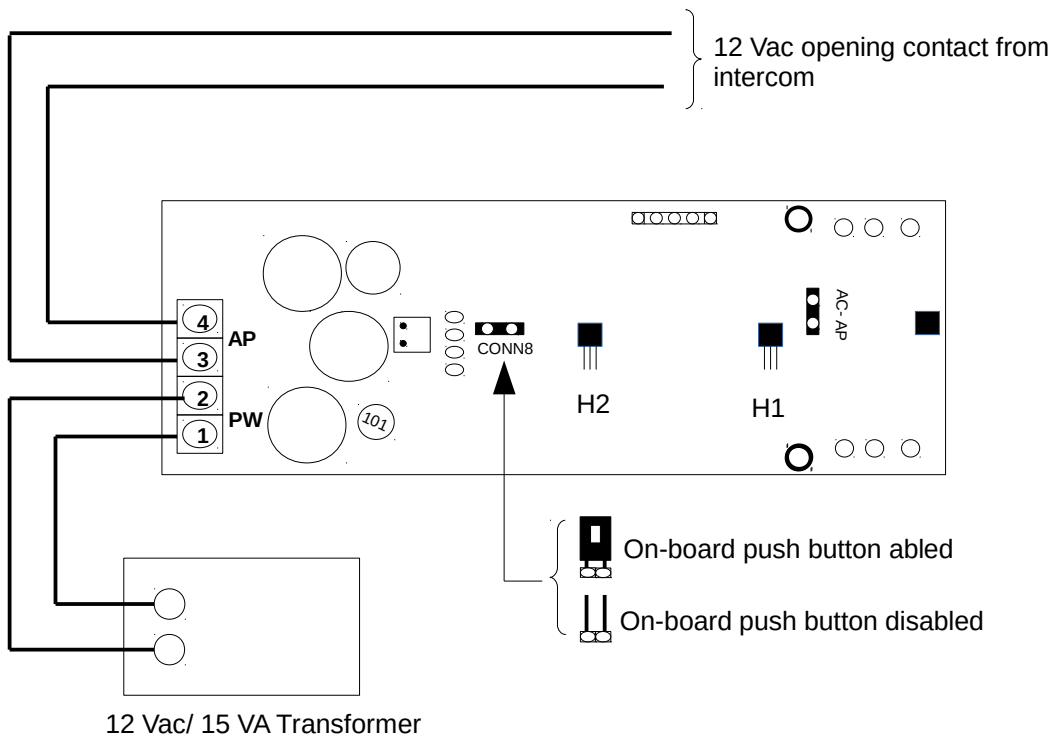
## INSTALLATION EXAMPLE



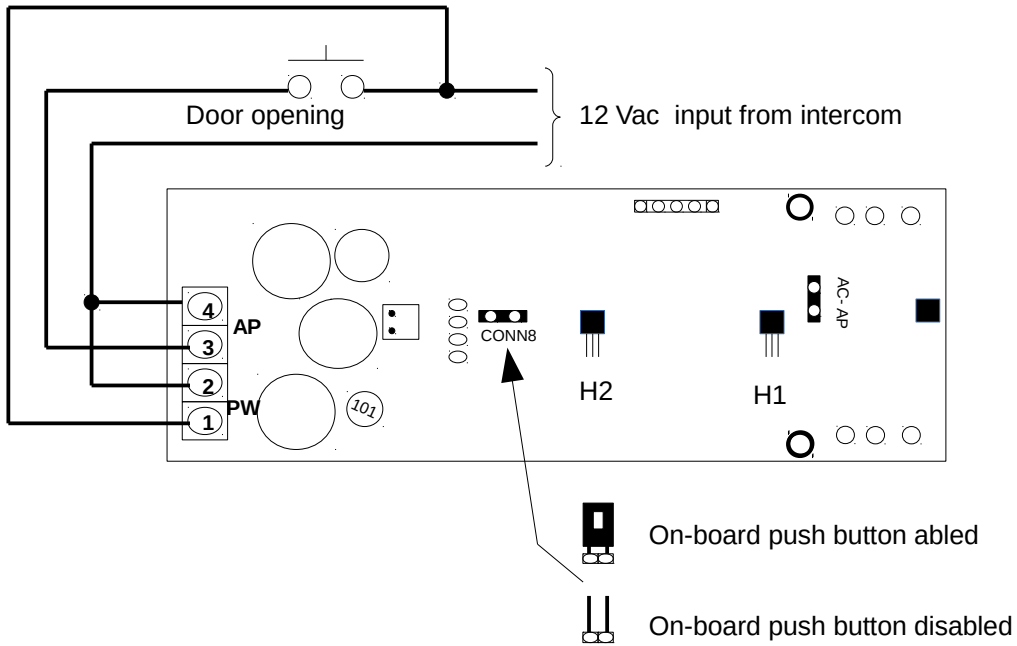
### Direct Connection in Vac-Vdc



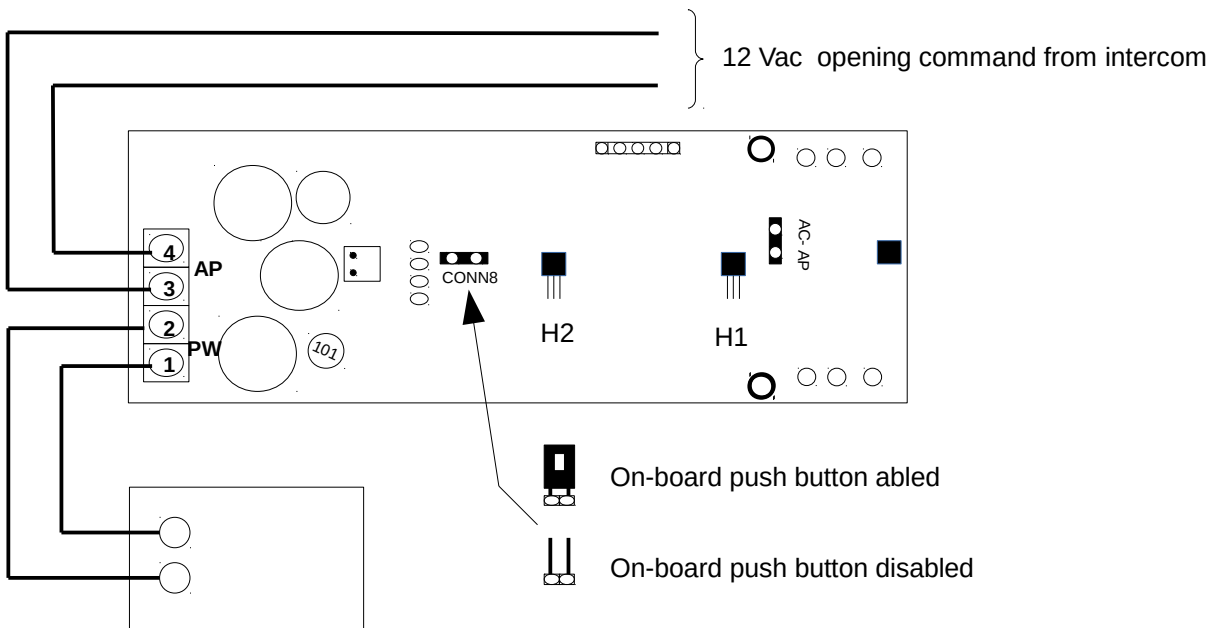
### Direct Connection from transformer and opening contact from intercom



## 12Vac connection from intercom

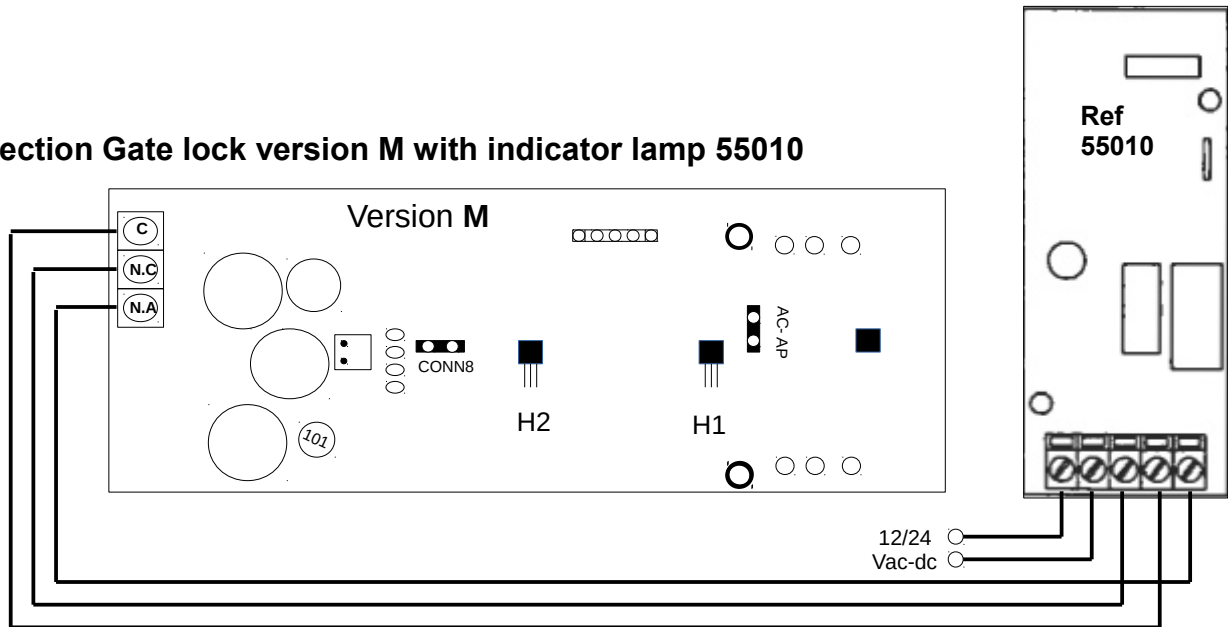


## 12 Vac connection with external transformer and opening command from intercom



External transformer 12 Vac 15 VA

### Connection Gate lock version M with indicator lamp 55010



### Connection Gate lock version M with indicator lamp 55030

