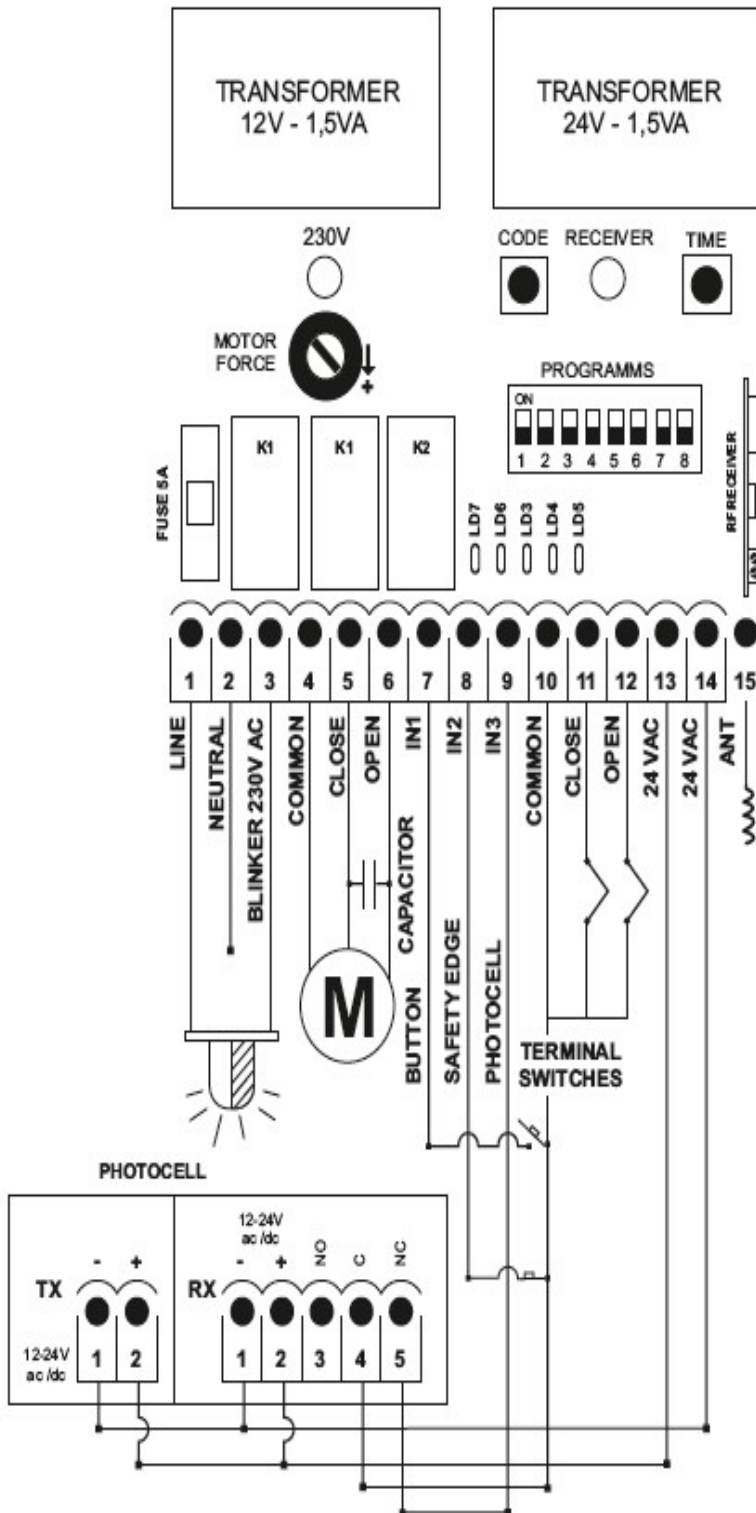# 3433
Control panel for sliding gate motor- single swing gate motor-barrier up to 1200watt

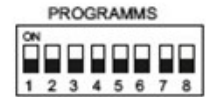| Code	Frequency	Codification	Terminal Switches	Photocells	Ext. Button	Auto Close	Light 230V	Motor torque	Slow move	Pedestrian move	Memory
3433	433,92	ON ORDER	YES	YES	YES	YES	YES	YES	YES	YES	300

Function Description

1 DECELARATION
OFF: NO decelaration
ON: With deceleration, that starts 1sec. before the end-route of the gate and continues for 40sec. or until the terminal switches are reached. If there are not terminal switches, the deceleration continues for 15 seconds.

2 BRAKE
OFF: No motor brake
ON: Brake when the gate reaches the end of the route. This function should only work with the deceleration function.

3 AUTO CLOSE FUNCTION
OFF: No auto close
ON: Embedded auto close function. Works with the photocell. When the gate opens and there is no access (no obstacle detection from the photocell), the A/C time is 120 seconds (the gate will close after 120 seconds). If there is access and obstacle detection from the photocell, then the A/C time is 10 seconds (the A/C timer counts 10 seconds after the photocell is free and then the gate will automatically close). The second time of A/C can be changed (follow the below instructions).

4 TERMINAL SWITCHES
OFF: NO terminal switches. In case of single swing gate or rolling shutter
ON: Terminal switches. In case of sliding gate or barrier.

5 PHOTOCELL
OFF: NO photocells.
ON: Photocells. The power supply of the photocell 24VAC in terminal 13&14 and COM & NC of the photocell in terminal 9 and 10

6 ADJUSTABLE DECELARATION
OFF: motors up to 800kg
ON: motors above 800kg

7 MOTOR POLARITY CHANGE
OFF/ON: The first move of the motor after power reset needs to be **opening**, when auto close is disabled. If not, switch the dipswitch 7 to the opposite position.

8 SAFETY EDGE
OFF: Safety edge disabled
ON: Safety edge enabled. When activated the door stops and moves back 10 cm.

Functions and connections

Power Supply 230 VAC

Supply the control panel with 230V.Check that the yellow indication light is ON. Press the button of the transmitter and check the red indication light is ON. The first gate move after power-up (230V) is the OPEN direction, otherwise place the dipswitch 7 in the opposite position.

Clear transmitter memory

Press CODE button continuously. The red indicative LED turns ON. Keep pressing CODE button until the red indicative LED goes COMPLETELY OFF. Release CODE button. The memory is erased.

Adding new transmitter from control panel:

Press the CODE button until the red indicative LED turns ON. Release immediately the CODE button and press the transmitter's button. The red indicative LED blinks once as an indication of successful save.

Adding new pedestrian transmitter from control panel

Press the CODE button continuously until the red led starts blinking. Then release the code button and press immediately the transmitter button. The red indicative LED blinks once as an indication of successful saving of pedestrian transmitter

Working time:

While the gate is fully closed, press and keep the TIME button of the control panel pressed until the gate goes to fully open position. Then leave it. The working time is saved.

Working time pedestrian:

While the gate is fully closed press the TIME button until the red led is turned ON release the button and press it again steadily for as long as you want the pedestrian time.

Adjust motor force:

The motor power adjustment for the normal motor speed will ONLY be made while the user is programming the working time using the trimmer of the automation. The user will be able to adjust and control the force of normal motor speed while programming working time. After the program of working time, the motor force will also be automatically saved. If the user wishes to change the motor's force, it must again program the working time.

Adding a new transmitter remotely:

The motor is fully closed or open. Press a working transmitter button (already in memory) to start the motor working and hold it pressed until the motor stops. When it stops, leave it and press the new transmitter button immediately. The new transmitter is saved. Repeat steps to program more transmitters remotely. When the memory is full (300 transmitters) you cannot add more new transmitters.

Photocell connectionsT:

Photocell power supply =>Connect to terminals 13-14
Photocell command C και NC => Conncet to terminals 9 & 10.

Adjusting auto close time:

There is a double counter in the A/C function. The first one is 120 seconds and is applied when the door stops after an open function. During this counting time of 120 sec., if the photocell beam is disturbed, then after the beam is free, the A/C counting time becomes 10 sec. until the fully closed position. **In this control panel, the second counting time of 10 sec., can be regulated. Press the TIME button, keep it pressed and within 1 sec , press the CODE button.** The red indicating light starts flashing, indicating the seconds of the counter. The time of the counter is from 1-120 seconds. Keep it pressed for the time you wish to give in A/C and pedestrian function. The dipswitch 3 needs to be ON.

Decelaration:

For motors up to 800kgs	**Program 6** of the control board=> **OFF** And we adjust the power of deceleration of the trimmer of the control board
For motors above 800kgs	**Program 6** of the control board=> **ON** And we adjust the power of deceleration of the trimmer of the control board

Light Function:

Light can be connected on terminals 1+3 which has two functions

-**Flashlamp** (default function). The light is flashing for as long as the motor moves
-**Steady light (3 minutes)**. The light is turned on steadily for 3 minutes after the last command

To change between those two functions we should turn the power off , press CODE button and TIME button simultaneously and turn the power back ON. The red led stays ON and then we release the two buttons. Light function has been changed successfully.

$C\,\epsilon$