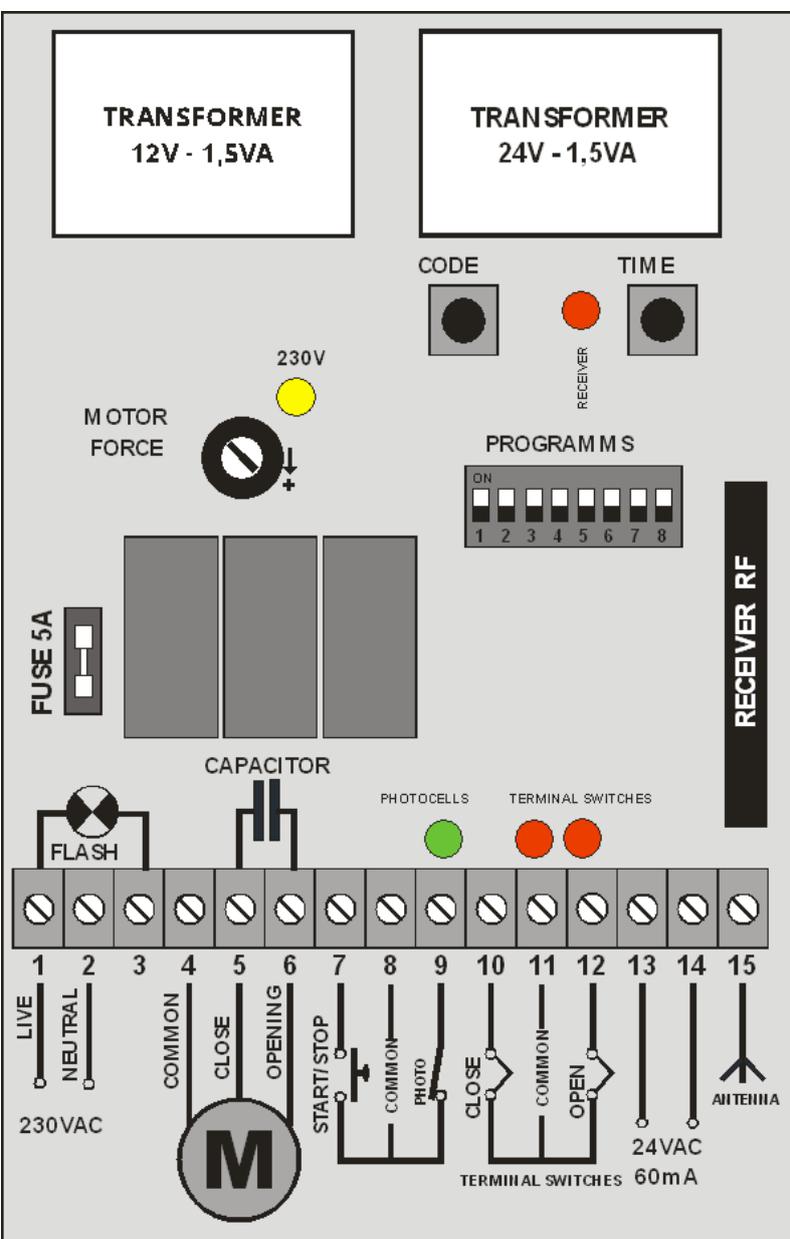


## 3033

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	Reverse move	Memory
PSR/PTR - 3033	433,92/868,3	Keeloq Rolling	YES	YES	YES	YES	YES	YES	YES	YES	300
PS-3033	433,92	Standard	YES	YES	YES	YES	YES	YES	YES	YES	300
PN-3033	433,92	Profelmnet Rolling	YES	YES	YES	YES	YES	YES	YES	YES	300

Check all connections. Check the terminal switches of the motor. The BLUE/GREY motor wire is connected in terminal 4. The EARTH wire is not connected in control panel.



No	Function description
1	<b>DECELERATION FUNCTION</b> <b>OFF:</b> NO deceleration <b>ON:</b> With deceleration, that starts 2SEC before the end-route of the gate and continues for 40SEC or until the terminal switches is blocked. If there are not terminal switches, the deceleration continues for 15 seconds.
2	<b>MOTOR BRAKE</b> <b>OFF:</b> No motor brake <b>ON:</b> Brake when the gate reaches the end of the route. This function works only with the deceleration function.
3	<b>AUTO-CLOSE FUNCTION</b> <b>OFF:</b> No auto close <b>ON: Auto-close.</b> 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	<b>TERMINAL SWITCHES</b> <b>OFF:</b> NO terminal switches. In case of single swing gate or rolling shutter. <b>ON:</b> Terminal switches. In case of sliding gate or barrier.
5	<b>PHOTOCELL</b> <b>OFF:</b> NO photocells. <b>ON:</b> Photocells. The power supply of the photocell 24VAC in terminal 13&14 and COM & NC of the photocell in terminal 8 & 9
6	<b>ADJUSTABLE MOTOR TORQUE</b> <b>OFF:</b> Adjust motor torque during the whole route of the gate. <b>ON:</b> Adjust motor torque during the deceleration only. It is recommended for heavy motors.
7	<b>MOTOR REVERSION</b> <b>OFF/ON:</b> The first move of the motor needs to be <b>opening</b> , after the power of control panel. When the first move is closure, switch the dipswitch 7 to the opposite position.
8	<b>BLINKER LIGHT (FLASH) - LIGHT</b> <b>OFF:</b> FLASH. The terminals 1 & 3 give 230VAC/5A for how long the gate is working. <b>ON:</b> LIGHT. The terminals 1 & 3 give constant power 230VAC for 2 minutes after the latest command in the control panel.

## Functions and connections



RED indication light goes ON after a while. Keep it pressed until the RED indication light goes OFF. The memory is now clear.

### Adding a new transmitter with the control panel CODE button:

Press the CODE button and the RED indication light goes ON (after a small delay). Leave it and during the next 3 seconds, press the desired transmitter channel button until the RED indication light blinks and goes OFF. The new transmitter is saved. Follow the same procedure to program more (up to 300 transmitters) new transmitters.

### Working time:

Adjustable from 1-180S. 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.

### Adjust motor force-torque:

The motor torque is applied during gate operation, (dipswitch 6 OFF position). Place the motor force trimmer in the middle and check. The motor force is controlled by the control panel whenever an actuation command is given by the control panel or the transmitter. If deceleration is selected (dipswitch 1 in ON position) but the motor does not have deceleration, change the switch position 6 to ON and adjust the motor force only during deceleration. For security reasons, if this setting is selected, place a photocell in the door frame.

### 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.

### Pedestrian function:

When the pedestrian traverses the gate, the gate will open for a while and then automatically will close. Photocells need to be installed. The time of closing is the same with the second time of A/C.

### Power supply 230V:

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 memory:

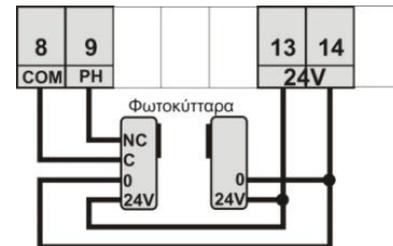
The first step is to clear the control panel memory. Press the button CODE of the control panel and the

### Photocell connection:

Connect the photocell contact and power supply 24VAC according to the diagram in the right. When you finish, put the program dipswitch 5 in the ON position.

### Photocell operation:

When the gate closes and the photocell beam is cut-off, the gate stops immediately and automatically activates the open function. If the photocell beam is cut-off, the gate never closes.



### Adjusting the 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.

### Indication light LED:

There are indication LED lights that display the different functions of the control panel.

### Reset the automation:

Case of malfunction, please remove the power supply (230Vac) for 10 seconds, reconnect and recheck.

### Compatible transmitters:

Based on the model you have, select the appropriate transmitter.

