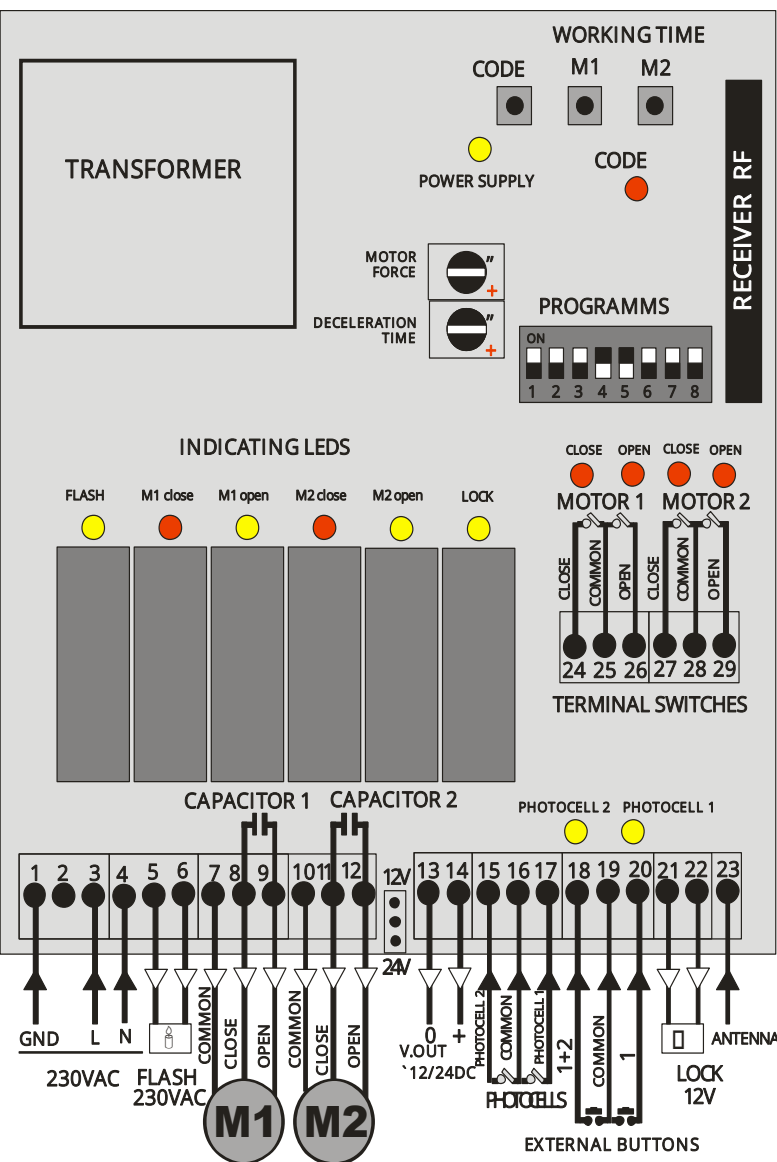


## 2114

Control panel for double motors up to 2400watt

| Code         | Frequency    | Codification       | Terminal Switches | Photocells | Ext.Button | Auto close | Light 230V | Motor torque | Slow move |
|--------------|--------------|--------------------|-------------------|------------|------------|------------|------------|--------------|-----------|
| PSR/PTR-2114 | 433,92/868,3 | Keeloq rolling     | YES               | YES        | YES        | YES        | YES        | YES          | YES       |
| PS-2114      | 433,92       | Standard           | YES               | YES        | YES        | YES        | YES        | YES          | YES       |
| PN-2114      | 433,92       | Profelmnet rolling | YES               | YES        | YES        | YES        | YES        | YES          | YES       |

Check all connections. Check the terminal switches of the motor. The BLUE/GREY motor wire is connected in terminal 4.



| No | Function description  |
|----|---|
| 1  | <b>OFF:</b> NO terminal switches. In case of single swing gate or rolling shutter.<br><b>ON:</b> Terminal switches. In case of sliding gate or barrier.   |
| 2  | <b>OFF:</b> No photocell 2.<br><b>ON:</b> Photocell 2. (Internal 1m after the fully open position to stop the motion.)  |
| 3  | <b>OFF:</b> No photocell 1.<br><b>ON:</b> Photocell 1. (On the door for safety and auto-close.)   |
| 4  | <b>OFF:</b> No auto close<br><b>ON: Auto-close.</b> 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. |
| 5  | <b>OFF:</b> No delay between two motors.<br><b>ON: Delay between Motor 1 (first) and Motor 2 (second)</b>   |
| 6  | <b>OFF:</b> NO repeatable close.<br><b>ON: Repeatable close</b> for 1 sec every 1 hour  |
| 7  | <b>OFF:</b> No key-lock<br><b>ON: Key-Lock</b> (activates the key-lock routine)   |
| 8  | <b>OFF:</b> NO Light flash<br><b>ON: Light FLASH</b> (OFF), or constant 2min. (ON)  |

## Functions



OPEN direction, otherwise substitute open/close motor wires.

### Working time:

**BOTH SECTIONS OF THE DOOR ARE FULLY CLOSED.** Press **MOTOR TIMER button M1** and keep it pressed until the first door section goes into the **fully OPEN position**, and leave it immediately. Press **MOTOR TIMER button M2** for the second section of the swing door and also keep it pressed until the **fully OPEN position too**. Remove power; place both sections in the fully closed position and power up.

### Motor direction (open-close):

The **MOTOR 1 (K7-8-9)** is the motor that starts first from the closure position of the gate. After all connections are completed, move the both motors in the middle of the route manually. Power the control panel with 230V. Using the button of timer **M1** and **M2**, check the indication lights to be ON. The movement of the motors needs to be compatible with the function **OPEN-CLOSE**. If not, turn the wires of the motor **CLOSE-OPEN (K8/9)** and **(K11/12)**. After all connections, close the gate manually. Turn off and turn on the power of the control panel in order to make **RESET**.

### Deceleration:

During the Open/Close tests, adjust the **DECELERATION TIME** so both sections go to a fully open or close positions. The position of the motor torque needs to be at  $\frac{1}{4}$  of the turn.

### External button:

1+2 activates both motors while external button 1 activates ONLY the motor 1.

### Photocell power supply:

Jumper 1 12V/24V.

### Photocell 2:

(K15) stops the gates' move immediately for how long the photocell is activated.

### Photocell 1:

(K17) works for protection and activates the auto-close. When the door closes and the photocell beam is cut-off, the door stops immediately and automatically activates the

### Motor torque for both:

**Adjust the motor torque for both motors at  $\frac{1}{2}$  of the total torque.**

### 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 shutter move after power-up (230V) is the

open function. If the photocell beam is cut-off, the door never closes. **Auto close:** Select dip-switch 4 to activate it. 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.

### Motor delay:

Motor 1 starts first and after 3sec., starts Motor 2

### Repeatable close:

Is used only in Hydraulic motors and activates instantly the Slow close routine every 1H.

**Clear memory:** The first step is to clear the rolling code memory. Press the button **CODE** of the controller and the **RED** light goes ON after a while. Keep it pressed until the light goes off. The memory is now clear.

### Adding a new transmitter with the controller button:

Press the **CODE** button and the **RED** light goes on (after a small delay). Leave it and during the next 3 seconds, press the desired transmitter channel button until the **RED** light blinks and goes OFF. The new transmitter is saved. Follow the same procedure to program more (up to 20 or 80) new transmitters.

**Adding a new transmitter remotely:** The motor is stopped. 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 you cannot add more new transmitters.

**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.

