



SAKA 3000FU

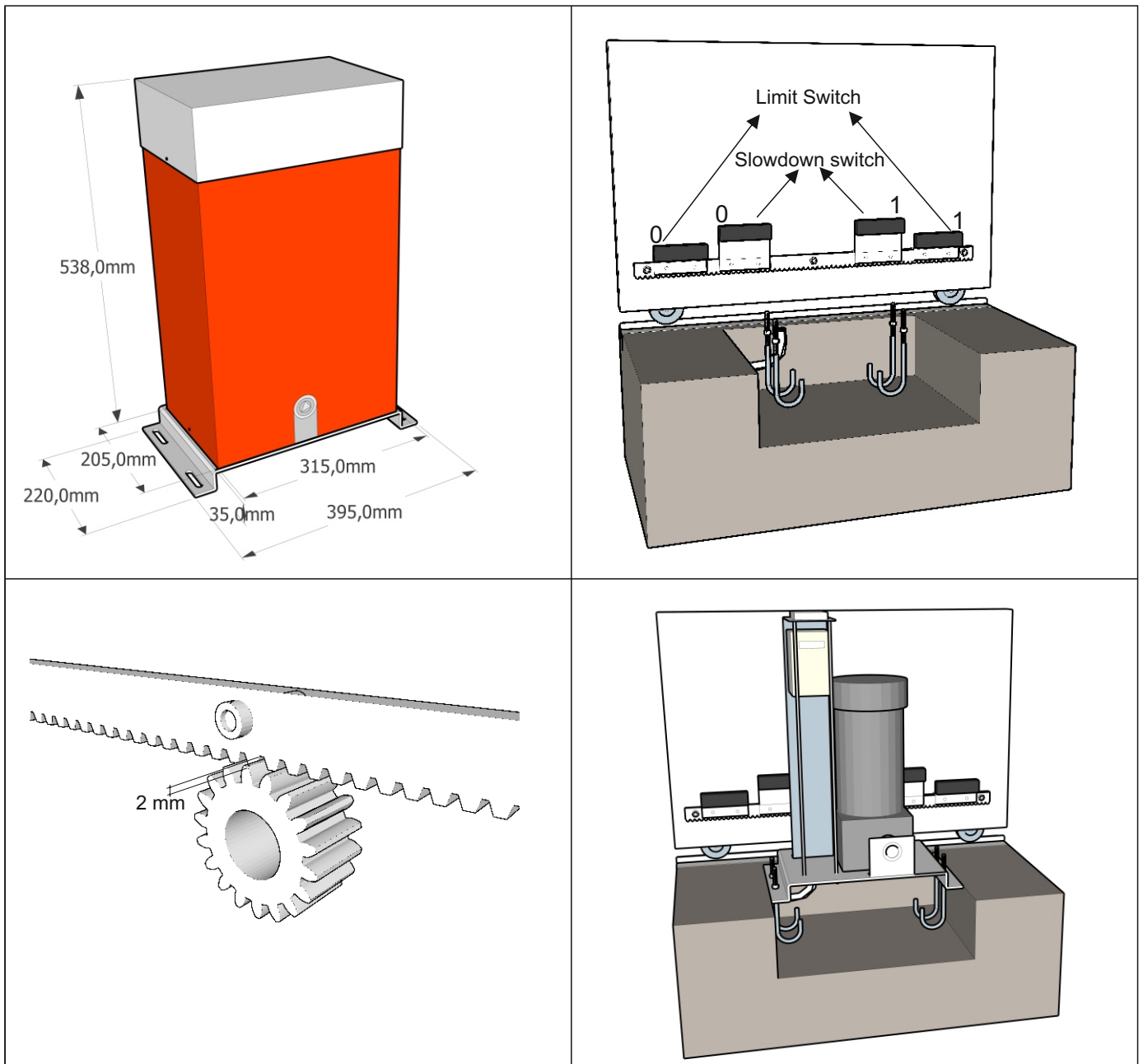
SLIDING GATE OPERATOR



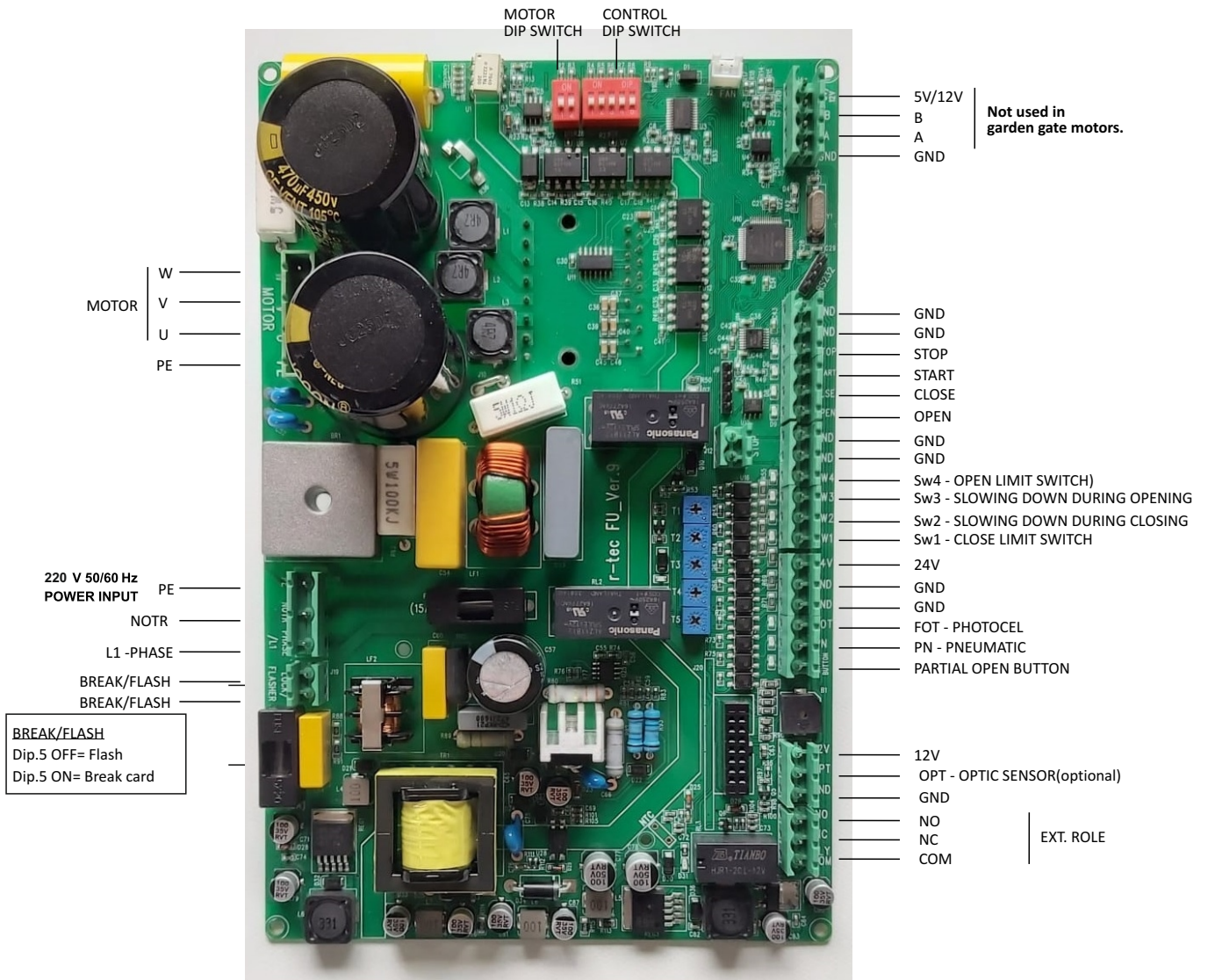
TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION		SAKA3000FU/220V
Power Source	(VAC 50Hz)	220
Engine Power Supply	(Vac)	3x220
Motor Power	(W)	750
Current	(A)	2
Operating Temperature	(°C)	-20 ÷ +55
IP/Raiting	(IP)	44
Maximum torque strength	(Nm)	750
Speed	(cm/sec)	67
Weight	(Kg)	15
Maximum Door Weight	(Kg)	3000

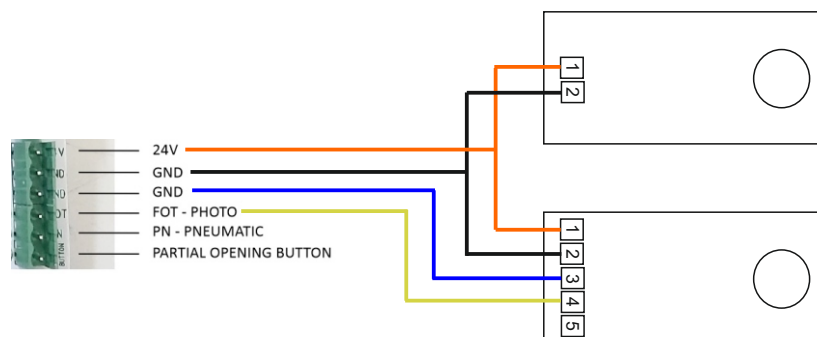
MECHANICAL INSTALLATION



CONTROL CARD CONNECTION

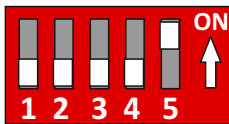


SAFETY PHOTOCELL CONNECTION



DIP SWITCH FONCTIONS

CONTROL DIP SWITCH



- DIP SW 1 : Automatic closing
- DIP SW 2 : Deadman mode
- DIP SW 3 : ON : Optical sensor active
OFF: Optical sensor passive
- DIP SW 4: Limit and deceleration switches
change direction

(In the factory settings, the motor is set to run in the opening direction. If the motor and photocell are working in the opposite direction;

DipSw4 must be ON and 2 of the motor wires at the motor output terminal must be replaced.)

- DIP SW 5: ON= Hi-speed pvc door system
OFF= Sliding gate system

MOTOR TYPE DIP SWITCH



- | | |
|----------------|---------------|
| DIP SW 1 : OFF | 0,75 KW Motor |
| DIP SW 2 : OFF | |
| DIP SW 1 : ON | 1,1 KW Motor |
| DIP SW 2 : OFF | |
| DIP SW 1 : OFF | 1,5 KW Motor |
| DIP SW 2 : ON | |
| DIP SW 1 : ON | 2,2 KW Motor |
| DIP SW 2 : ON | |

TRIMPOT FUNCTIONS

- T1: High speed when opening
- T2: High speed when closing
- T3: Start frekance
- T4: Deceleration speed
- T5: Automatic closing waiting time

CONTROL CARD SETTINGS

1. Check that the mechanical assembly and parts of the door to be used are complete and trouble-free.
2. The door should be working mechanically comfortably.
3. Check the cable connections.
4. If automatic shutdown is desired, turn on dip switch 1.
5. In the factory settings, the motor is set to run in the opening direction. If the motor and photocell are working in the opposite direction;

DipSw4 must be ON and 2 of the motor wires at the motor output terminal must be replaced.)

RF-433 ROLLING RECEIVER REMOTE CONTROL OPTIONS

TECHNICAL SPECIFICATIONS

Operating Voltage	12 Vdc/24Vdc
Operating Current	20mA
Operating temperature	-20C ~ 80C
Relay Contact Time	4 A
Relay Contact Time	0,5 sec.
RF Receiver Frequency	433 MHz (crystalline)
Contact Unit	1 NC*, 1 NO*
Channel Unit	1
Number of Identifiable Controls	For Standard Receiver : 1 unit = 1 x 2000 = 2000 Copy
	For Common Receiver : 120 units = 120 x 2000 = 240.000 Copy

- Standard Receiver Mode;** In the standard receiver mode, 1 remote control can be defined to the receiver. 2000 remote controls can be copied from the defined controller, with the condition that the company and remote control code are the same.
- Common Receiver Mode:** In the common receiver mode, 120 different remote controls can be defined with the condition that the receiver's company code is the same. Each different remote controls must be defined once. 120 x 2000 = 240000 remote controls are available.

PS: In common receiver mode, you can only identify the same button of the remote controls with different codes. Example: Button 1 only

To convert the receiver to the position of the common receiver;

- Turn on the dipswitch 4 (1 for the wired receiver)
- Cut the operating voltage 5 sec. Then give it,
- Caution The LED lights continuously for about 20 seconds after flashing 4 times. You can introduce the controls after the light goes out.

To return from the common receiver to the standard receiver;

- Turn off the Dipswitch numbered 4 (number 1 for the wired receiver)
- Cut the operating voltage 5 sec. Then give it,
- Warning After the LED flashes 4 times, it lights up steady for about 20 seconds. You can introduce the controls after the light goes out.
- PS: Controls used in the old mode will be deleted when switching between modes**

EXTERNAL SOCKET RECEIVER



DIPSWITCHES
REMOTE CONTROL
LEARNING BUTTON

EXTERNAL CABLED RECEIVER



RF-433 ROLLING RECEIVER-CONTROL OPTIONS

Remote Control Identification:

ATTENTION! Only one firm can identify the remote control to a receiving card. The remote control of another company can not be identified on the receiving card which has been identified once, even if it is of the same type.

1. To identify the remote control to the receiver, press the learning button and the red warning is displayed.
2. Press and hold the remote control's button that you want to communicate
3. Pull your hand when the red led on the receiver starts to flash
4. You can use the remote controls when the LEDs turned off.
5. In standard receiver mode, you only need to identify one of the remote controls. The other remote controls are copies, they also run them.
6. For the common receiver, it is enough to identify one of the different copies.

NOTE: The receiver can not detect the remote controls in different codes from the first programmed control code.

Delete Remote Control:

ATTENTION! After the remote control deletion, the company that made the new remote control identification can only define the first remote control on that receiver card. The receiving unit will not accept the identifications of other companies, even if they are the same type.

Press and hold the learning button of remote control

Warning LED will light up, will go out, pull your hand on again

The warning LED stays on for 20 seconds and turns off.

At the end of this process, all the controls in the memory are deleted.

Dip switch functions; Dip switch # 1; Common receiver on (number 4 for socket receiver)

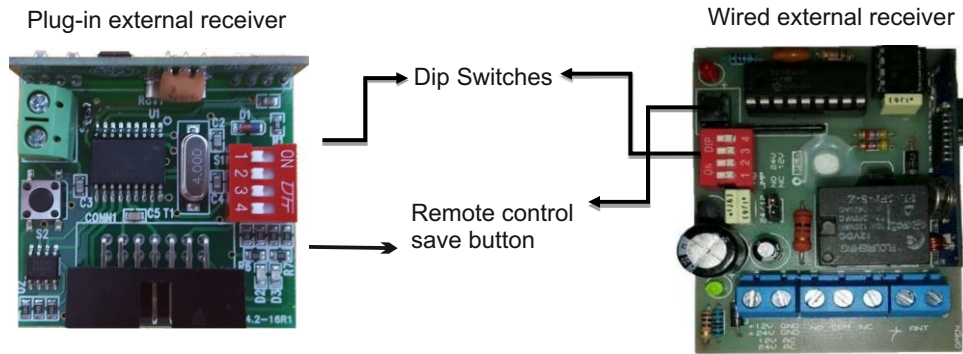
4 dip switch, Sends contact for 5 sec. (1 for plug-in receiver)

Warranty:

- RF 433 EXTERNAL RECEIVER is guaranteed for 2 years against problems caused by material.
- The product must be used in according to the operating instructions. Problems that may otherwise occur are not covered by the warranty.
- The product is under guarantee only when the card is mounted on the box.
- In case of any malfunction, send the technical service without separating the product from the box. Otherwise, the product is out of warranty.

RF-433 FIX CODE RECEIVER-REMOTE CONTROL OPTIONS

Input voltage	12 Vdc/24Vdc
Current	20mA
Operating temperature	-20C ~ 80C
Relay contact current	4 A
Relay contact time	0,5 sn.
RF Receiver frequency	433 MHz (crystal)
Contact quantity	1 NC*, 1 NO*
Channel quantity	1



Remote control identification:

1. Press the learning button of the receiver and release the button when the red warning led lights up.
2. Press and hold the button of the remote control you want to introduce.
3. Release the button of the remote control when the led on the receiver goes out.
4. **Repeat the same procedure for each remote.** Your remotecontrols are ready to use.

Deleting remote controls from memory:

1. Press and hold the learning button on the receiver.
2. The warning led lights up, then starts flashing. Release the button when blinking starts.
3. When the warning led turns off, the remote controls in the memory will be deleted.

Dip switch fonksiyonları: Dip switch 1 ON; 5 sec. gives contact throughout. (Only in cable receiver), other dip switches are not used.

Warranty:

RF 433 EXTERNAL RECEIVER is guaranteed for 2 years against the problems caused by the material .
The product should be used in accordance with the instructions for use. Otherwise, problems that may occur are out of warranty.
The product is under warranty only when the card is in the box.
In case of any malfunction, take the product to the technical service in a box. Otherwise, the product is out of warranty.

FREQUENTLY ASKED QUESTIONS

QUESTION		SOLUTION
You press the opening button but the door is closing	The motor may be upside down.	Turn on the Dip switch 2.
You press the opening button, the door opens but the limit does not stop when the door press the switch	Your mechanical switch may be in a passive position.	Change the limit switch directions.
All connections are correct. The door opens but does not close	There may be a problem in the photocell line.	There may be a problem in the photocell connection or the photocell unit. Check the connections and / or the photocells position. The photocells should definitely see each other. If the problem persists, you need to change the photocells.
The remote control can not be defined	Make sure that it is plugged into the control receiver socket correctly.	Make sure that the receiver is fully inserted into the socket, activate the common receiver mode and try to identify your controller again.
You gave the card electricity, but if no LED lights on the card	The fuse may have exploded.	Check the fuse on the control card. If the problem still persists the card may be defective.
If the motor is not running at all	Bridges of unused Nc contacts are not inserted	Make sure the jumpers on the control card are plugged in.
When the motor is energized and the door is moving in the direction of opening immediately and the switches are not stopping the motor	The relay may be stuck.	The opening relay on the electronic card may be pulled out. If you cut off the energy and gently click on the relay, it will leave. The motor will operate normally.
If the motor is working in one direction when you energize	Switch group may be connected incorrectly	Check the cable connections of the switch group on the motor body.