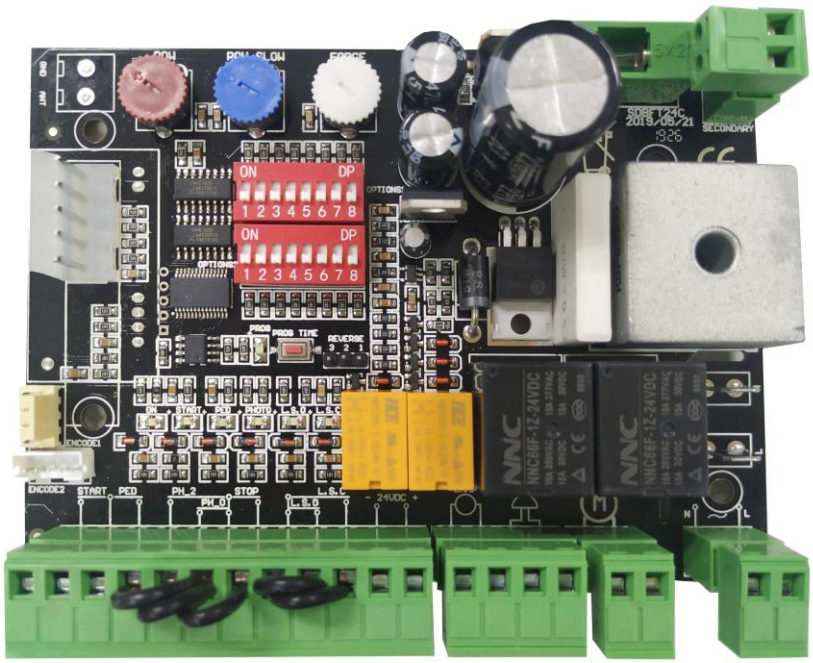
CUADRO DE MANDO PARA PUERTA CORREDERA



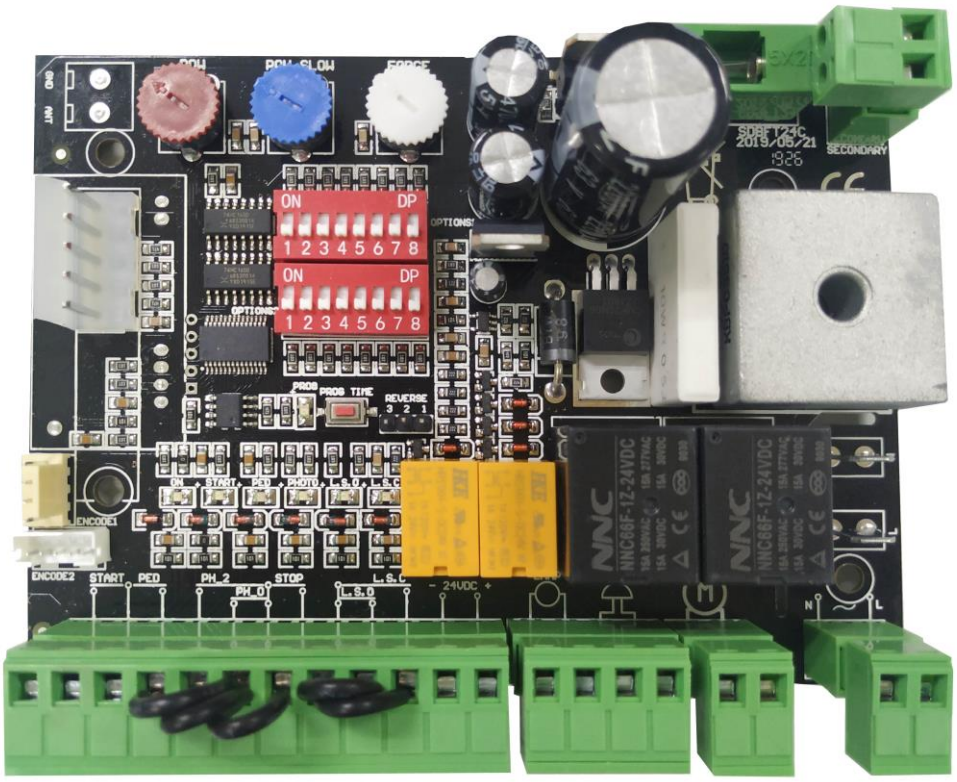
Cuadro de maniobra para puerta corredera para motor de 24 V (con o sin encoder). Alimentación del cuadro a 220 V AC, receptor de radio RX Multi incorporado, regulación de fuerza y paro suave al final de las maniobras de apertura y cierre.

FUNCIONAMIENTO

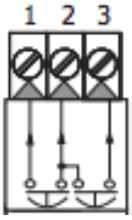
- Las maniobras del automatismo se ejecutan con el botón START (1-2) o mediante un mando programado.
- La maniobra finaliza por la activación del final de carrera correspondiente o por la finalización del tiempo de funcionamiento.
- Si durante la maniobra de apertura se da una orden, la maniobra finaliza y no se ejecuta el cierre automático.
- La activación del paro (6-7) provoca la inmediata detención de la maniobra, siendo necesaria una orden para reanudar la maniobra.
- La activación del contacto de seguridad (5-6) en la maniobra de cierre supone su inversión, provocando la apertura.
- El contacto para luz de garaje se activa durante 3 minutos después de iniciar la maniobra.
- La regulación de fuerza del motor se aplica a los 2 segundos de haber iniciado la maniobra.
- El paro suave ajusta la velocidad del motor durante el periodo de amortiguación cuando el DIP I7 está ON.

SD: CONTROL BOARD FOR SLIDING GATES

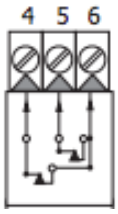
CONEXIONES



BOTONES TERMINALES

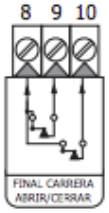


SEGURIDAD (Opción 5 OFF)

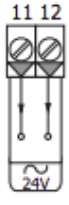


PARO

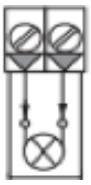
FINAL CARRERA



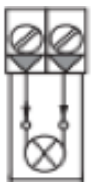
ALIMENTACIÓN ACCESORIOS



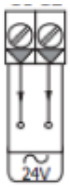
LAMP 24V
13 14



FLASH
15 16



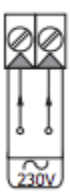
ALIMENTACION 24V MOTOR
17 18



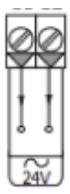
ALIMENTACIÓN 220 V
19 20

RECEPTOR

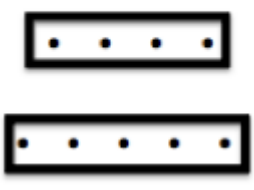
ALIMENTACIÓN TRANSFORMADOR 220v
21 22



ALIMENTACIÓN 24V CUADRO
23 24



ENCODER



DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES

ATENCIÓN:

-Alimentación de accesorios: conectar para alimentar con corriente continua 12/24v a fotocélula, receptor, etc..

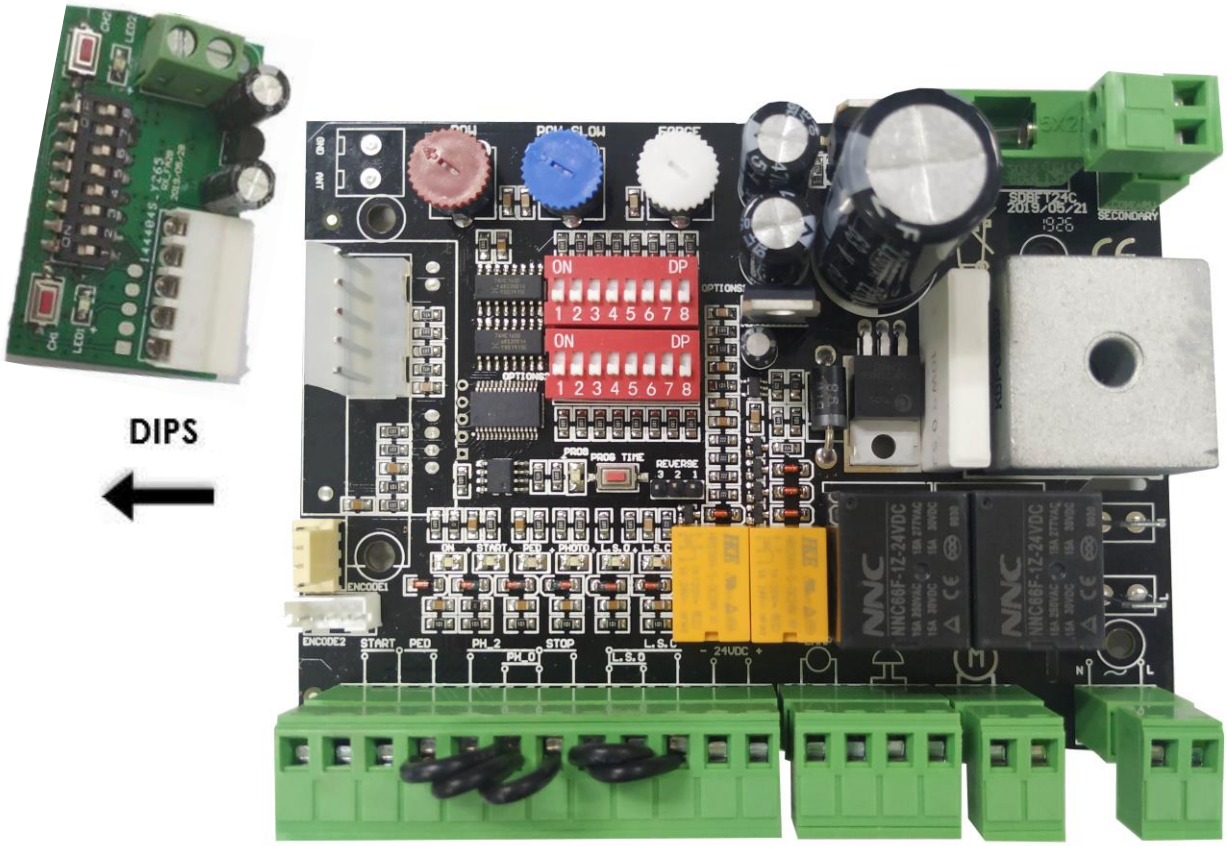
-Botones terminales: conectar la señal de dispositivos adicionales como receptor o pulsador

-Dispositivos de seguridad: conectar la señal de retorno del dispositivo a la placa.

- Opción 1 (conectar entre 4 y 6): la puerta para y cierra.
- Opción 2 (conectar entre 5 y 6): la puerta para y abre.
- Opción 3 (conectar entre 6 y 7): la puerta para.

CONEXIÓN DEL RECEPTOR

El receptor universal enchufable que le vendrá junto al cuadro deberá de conectarlo a las conexiones que vienen indicadas como "Conector FAAC" antes de realizar cualquier otro tipo de programación. Para ello conéctelo según se indica en la foto.



REGULACIONES

POTENCIA MOTOR (ROJO)

Regula la potencia del motor. Girar a la izquierda para disminuir y a la derecha para aumentar.

SD: CONTROL BOARD FOR SLIDING GATES

REGULACIÓN DEL PARO SUAVE (DIP 7 ON) (AZUL)
Regulación del paro suave. Girar a la izquierda para disminuir y a la derecha para aumentar.

FUERZA AMPERESTOP (BLANCO)
Regula la fuerza del motor. Girar a la izquierda para disminuir y a la derecha para aumentar.

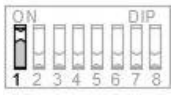
SELECTORES

TIPO DE MOTOR (REVERSE – C S)

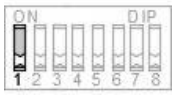
Selector hacia la izquierda – Motores de más de 600 kg.
Selector hacia la derecha – Motores de menos de 600 kg.

OPCIONES

1 BASCULANTE/CORREDERA



ON: BASCULANTE



OFF: CORREDERA

2 BAJADA AUTOMÁTICA

ON: Cierre automático activado. Una vez abierta, transcurrido el tiempo programado, se cierra.

OFF Cierre automático desactivado.

3 INVERSIÓN DIRECTA Y PARO AL ABRIR

ON Inhibición durante la apertura del pulsador START(1-2) y del emisor. Durante el cierre la activación del START o del emisor para la maniobra de apertura**.**

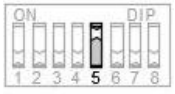
OFF funcionamiento normal paso a paso.

4 CAMBIO SENTIDO DEL MOTOR

ON: Sentido del motor invertido.

OFF: Sentido del motor normal.

5 PARO CON BANDA NEUMÁTICA A TRAVES DE VIA RADIO

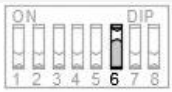


DESHABILITADO

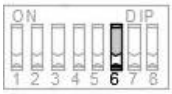
DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES

OFF:

6 LUZ DESTELLO

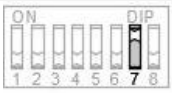


ON: Destello.

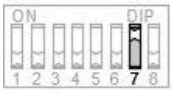


OFF: Fija.

7 PARO SUAVE



ON: Paro suave activado. Al final de las maniobras de apertura y cierre se realiza el paro suave.



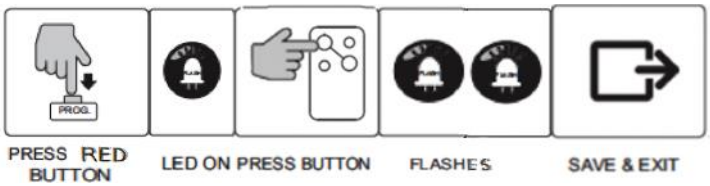
OFF: Paro suave desactivado.

8 ENCODER

DESHABILITADO

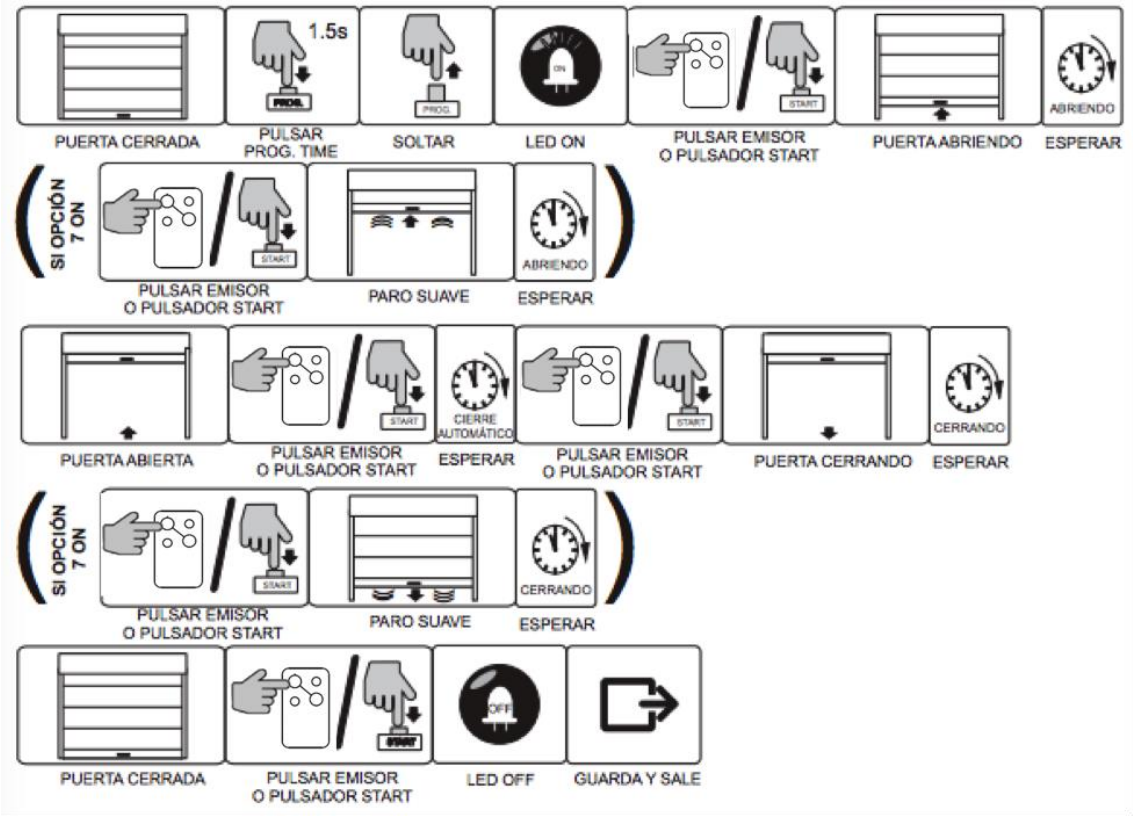
ATENCIÓN: en el caso de que exista una segunda línea de DIP, está desactivada. No realiza ninguna función.

PROGRAMACIÓN MANDO

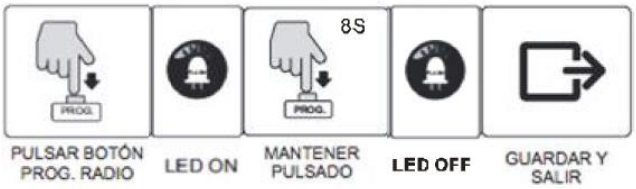


****EL BOTÓN ROJO ESTÁ UBICADO EN LA TARJETA RECEPTORA (INSTALADA PERPENDICULAR A LA PLACA), AL IGUAL QUE EL LED. TODOS LOS MANDOS GRABADOS EN EL CANAL 1 ACTIVAN LA APERTURA PEATONAL (LA PUERTA ABRE 1,20M APROXIMADAMENTE). TODOS LOS MANDOS GRABADOS EN EL CANAL 2 ACTIVAN LA APERTURA TOTAL DE LA PUERTA.**

PROGRAMACIÓN DEL TIEMPO DE MANIOBRA



RESET MEMORIA



DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES

CARACTERÍSTICAS TÉCNICAS	
Alimentación	230V AC +/- 10%
Motor	550W (0,75 CV)
Salida alimentación accesorios	24V AC 250mA
Tiempo espera cierre automático	5 seg a 2 min
Tiempo funcionamiento normal	3 seg a 2 min
Combinaciones códigos	72.000 Billones de códigos
Número de códigos	254 códigos
Programación códigos	Autoaprendizaje
Selección de funciones	Se memoriza la función del código
Tiempo Luz de Garaje	3 min.
Contacto Luz de Garaje	10 A a 230V
Tiempo Funcionamiento Normal	2 seg. a 2 min.
Tiempo Amortiguación	0 seg. a 15 seg.
Frecuencia	433,92 Mhz (868 Mhz)
Homologaciones	ETS 300-220/ETS 300-683
Sensibilidad	Mejor de -100dBm
Alcance	Max. 60 m
Antena	Incorporada
Temperatura trabajo	-20 a 70ºC

SLIDING DOOR CONTROL BOARD

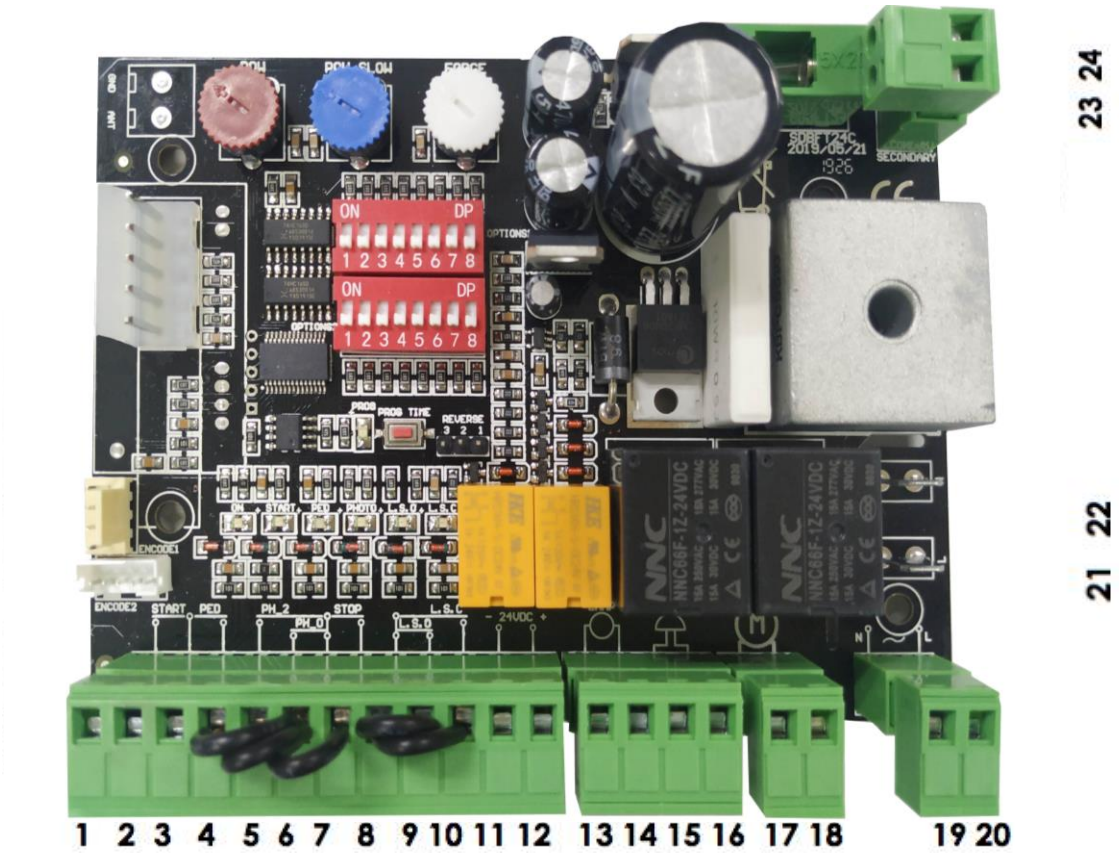
Sliding door control board with 220 V AC power supply for one motor at 24 V (with or without encoder), with RX Multi radio receiver integrated, force regulation and soft stop operation for opening and closing maneuver.

HOW IT WORKS

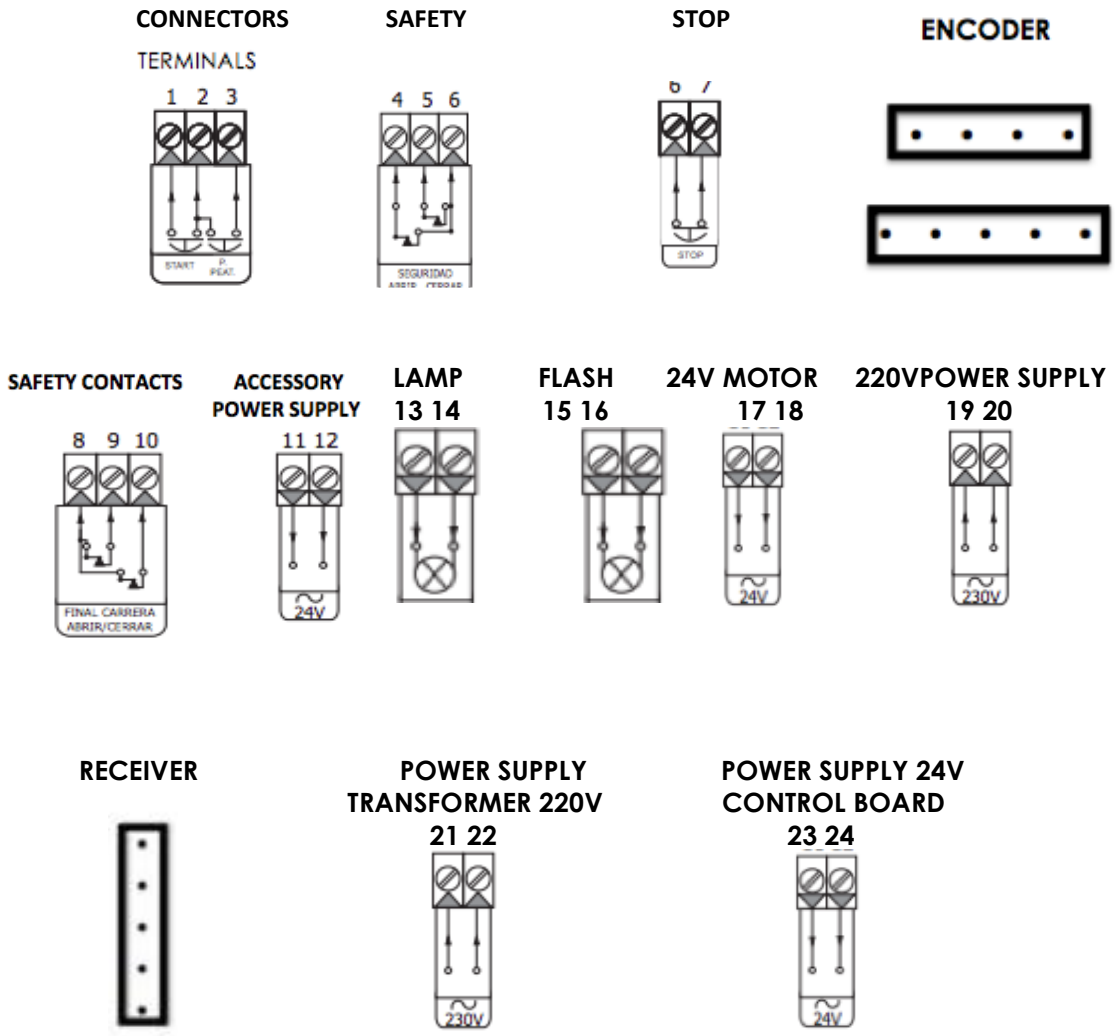
SD: CONTROL BOARD FOR SLIDING GATES

- Maneuvers are executed through the START button (1—2) or by radio (remote).
- Maneuvers end by activation of limit switches or by the finish of operation time.
- If an order is given during opening operation, the maneuver stops and automatic closure is deactivated.
- Stop activation button (6-7) causes the immediate stop of the maneuver, being necessary a new order restart the maneuver.
- The activation of photocell input (5-6) during closing inverts the maneuver causing opening.
- Garage light is activated for 3 minutes after starting the maneuver.
- Strength motor regulation is applied 2 seconds after the maneuver starts. Soft Stop adjusts the pace of the motor during the stopping period when I7 DIP is ON.

CONNECTIONS



DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES



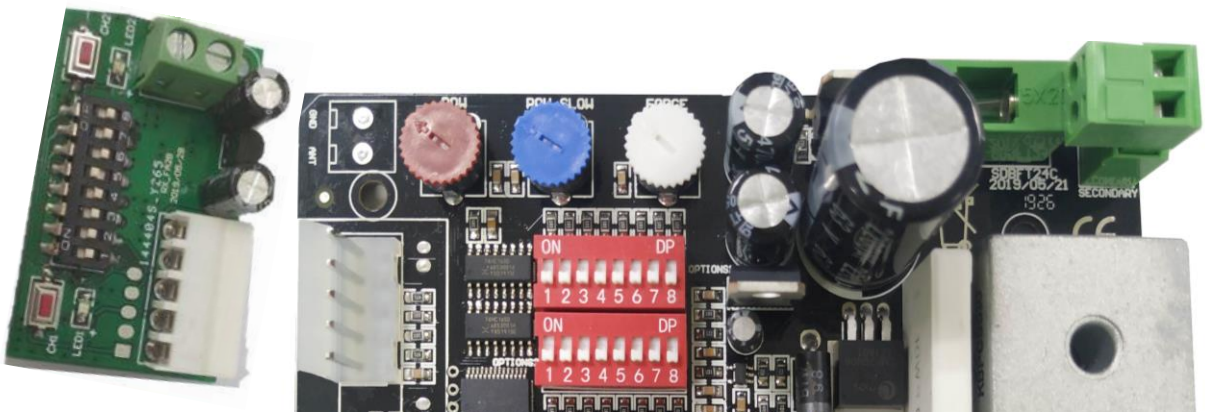
ATENTION:

- Accessory power supply: connect to feed DC 12 / 24V to photocell, receiver, etc.
-Terminal buttons: connect the signal of additional devices as receiver or push button
-Safety devices: connect the return signal of the device to the board.

- Option 1 (connect between 4 and 6): the door stops and closes.
- Option 2 (connect between 5 and 6): the door stops and opens.
- Option 3 (connect between 6 and 7): the door stops.

RECEIVER'S CONNECTION

The plug-in universal receiver you will find along with the board must be connected to the connections mentioned as "Conector FAAC" prior any kind of programming. To do so, connect the receiver to the board as shown in the picture below.



DIPS

REGULATIONS

MOTOR POWER REGULATION (RED)
Regulates the power of the motor. Turn to the LEFT to decrease it and to the RIGHT to increase it.

SOFT STOP/BUFFER (DIP 7 ON)(BLUE)
Soft stop adjustment. Turn to the LEFT to decrease it and to the RIGHT to increase it.

AMPERESTOP FORCE (WHITE)
Regulation of force. Turn left to decrease and right to increase.

SELECTORS

MOTOR TYPE (C S)

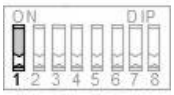
Left selector – More than 600kg motor.
Right selector – Less than 600kg motor.

OPTIONS

1 GARAGE/SLIDING

DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES

ON: Garage



OFF: sliding

2 AUTOMATIC CLOSURE

ON: Automatic closure activated. Once opened, door closes automatically after waiting the programmed time.

OFF Automatic closure deactivated.

3 LOCK IN OPENING

ON Deactivation of the START switch (1-2) and transmitter during the opening. During closing, activation of theSTART switch or transmitter will invert the maneuver..

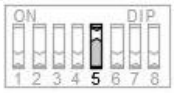
OFF START switch (1-2) and transmitter, door work normal, step by step.

4 DRIVE DIRECTION

ON: inverted drive direction.

OFF: normal drive direction.

5 PNEUMATIC BAND WITH STOP OPTIONS WITH BAND WIRELESS



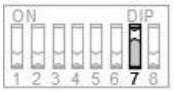
DISABLE

6 FLASHING LIGHT

ON: fhasing.

OFF: Fixe.

7 SOFT STOP



ON: Soft Stop activated at the end of opening and closing maneuvers. minimum distance of 50 cm

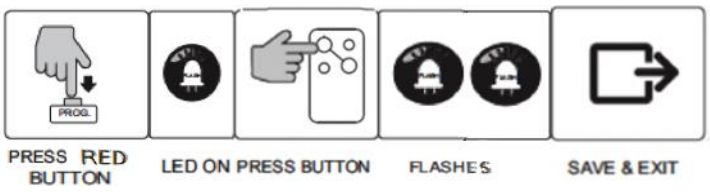
OFF: soft stop disable.

8 ENCODER

DISABLE

ATTENTION: the second DIP line is deactivated. It does not perform any function.

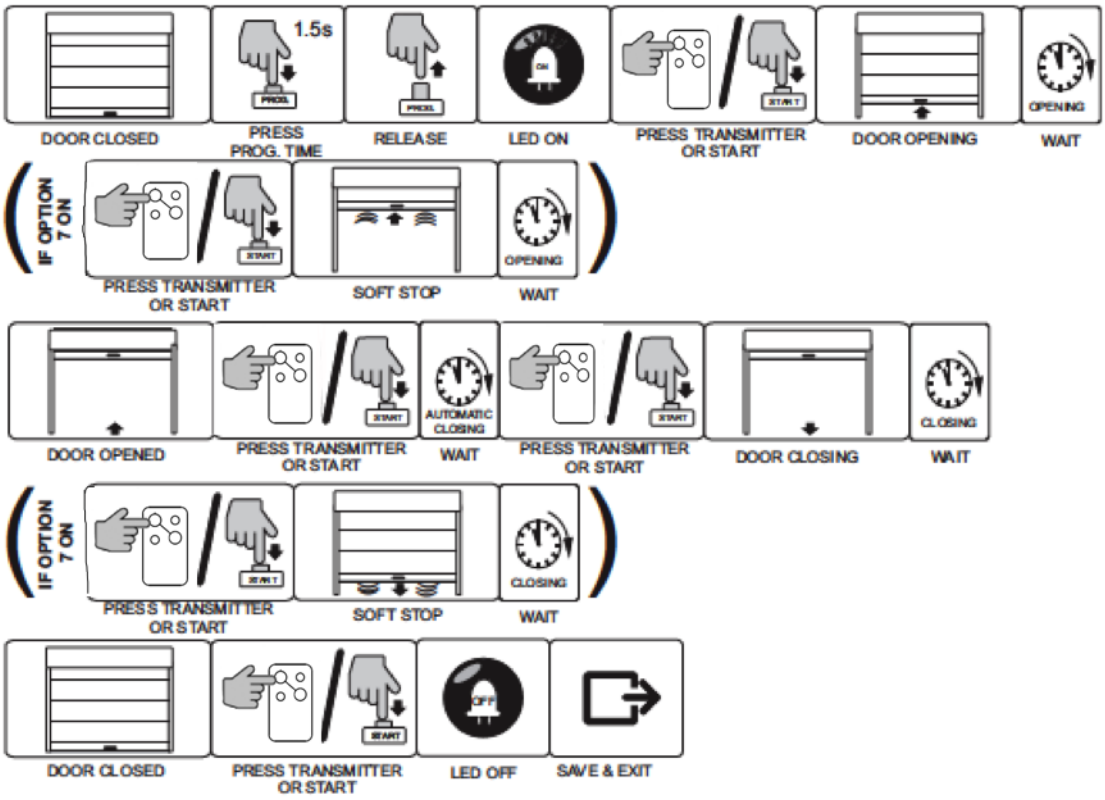
REMOTE PROGRAMMATION



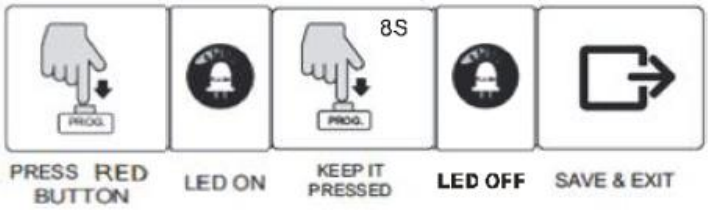
**** THE RED BUTTON IS ON THE RECEIVER'S CARD INSTALLED (WHICH IS PERPENDICULAR TO THE BOARD) AND THE LED THAT FLASHES ASWELL.**

DIGITAL TIME PROGRAMMING (SELF-LEARNING)

DS062 WOLF SD 24V MINI: CONTROL BOARD FOR SLIDING GATES

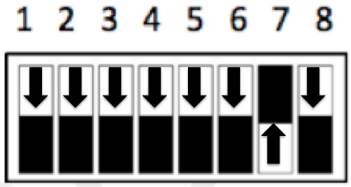
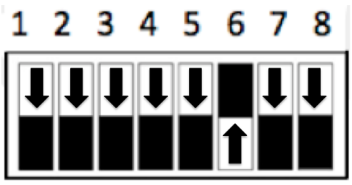
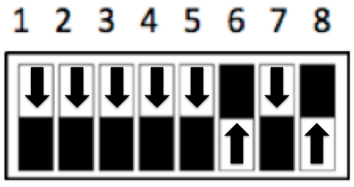
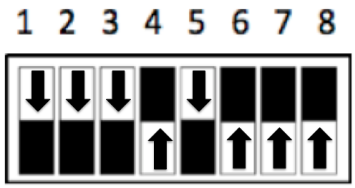
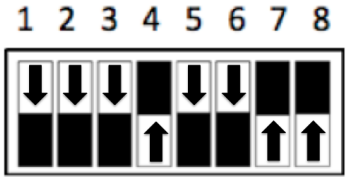


MEMORY RESET



TECHNICAL SPECIFICATIONS	
Power Supply	230V AC +/- 10%
Drive horsepower	550W (0.74 HP)
Power supply for accessories	24V AC 250mA
Automatic closing time	5 seg a 2 min
Working time	3 seg a 2 min
Receiver capacity	254 codes
Code Programming	Automatic learning
Garage Light Time	3 min.
Garage Light Contact	10 A a 230V
Working Time	2 sec. to 2 min.
Buffer Time	0 sec. to 15 sec.
Frequency	433,92 Mhz (868 Mhz)
Normative	Conforms to ETS 300-220/ETS 300-683
Sensibility	Better than -100dBm
Range	Max. 60 m
Aerial	Built in
Working Temperature	-20 to 70ºC

SD: CONTROL BOARD FOR SLIDING GATES

ITEM	SELECTION DIP	BRAND/MARCA	FREQ	ORIGINAL
1		**NICE FLORS**	433.92 MHz	
2		**MARANTEC**	433.92 MHz	
3		**Universal Fixed Code** **Código Fijo**	433.92 MHz	Fixed Code
4		**FAAC SLH Rolling Code**	433.92 MHz	
5		**Liftmaster**	315 MHz	
6		**Liftmaster**	390 MHz	

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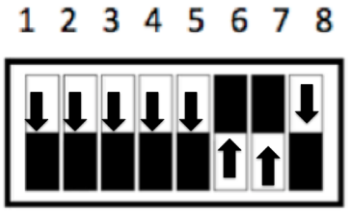
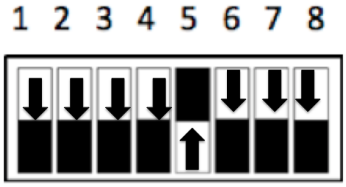
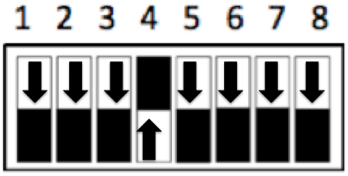
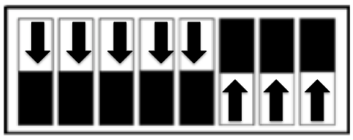
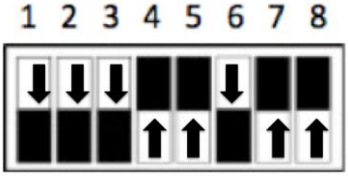
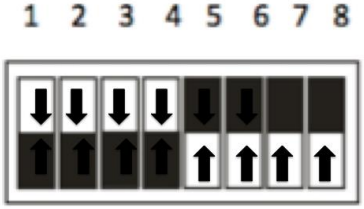
7		**Liftmaster**	433.92 MHz	
8		**Universal Rolling Open Code**	433.92 MHz	Open Code
9		**Universal Rolling Open Code**	315 MHz	Open Code
10		**Universal Rolling Open Code**	318 MHz	Open Code
11		**Universal Rolling Code**	868 MHz FSK	Rolling Code
12		**Universal Rolling Code**	868.3 MHz ASK	Rolling Code

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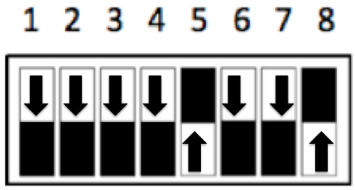
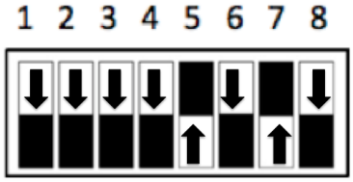
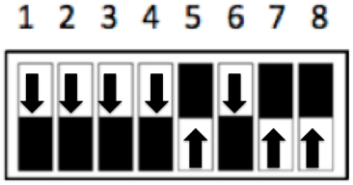
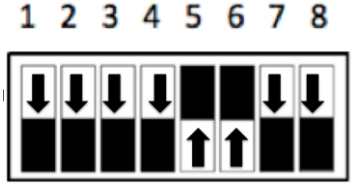
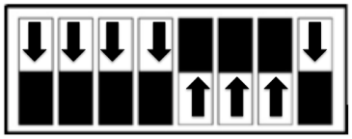
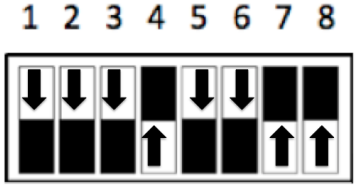
13		**Universal Fixed Code** **Código Fijo**	300MHz	Fixed Code
14		**Universal Fixed Code** **Código Fijo**	310 MHz	Fixed Code
15		**Universal Fixed Code** **Código Fijo**	315 MHz	Fixed Code
16		**Universal Fixed Code** **Código Fijo**	318 MHz	Fixed Code
17		**Universal Fixed Código Fijo**	330 MHz	Fixed Code
18		**Universal Fixed Code** **Código Fijo**	390 MHz	Fixed Code
19		**Liftmaster Rolling Code Billioncode**	390 MHz	

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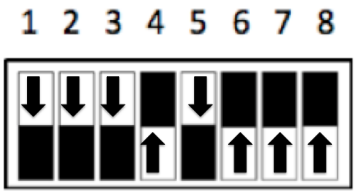
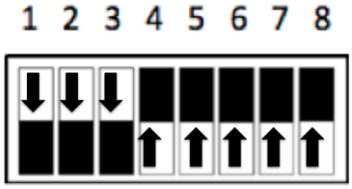
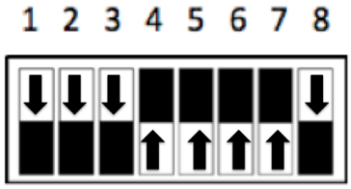
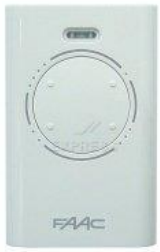
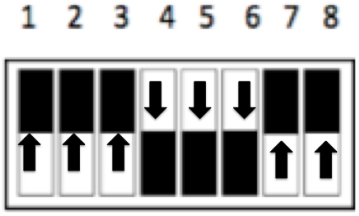
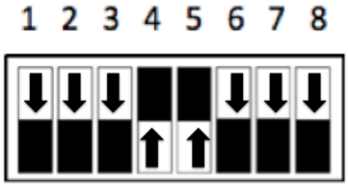
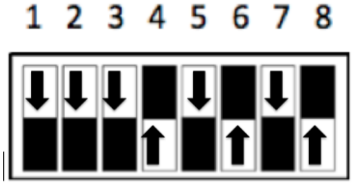
20		**Liftmaster Rolling Code**	315 MHz	
21		**Hormann Marantec Berner**	868 MHz	
22		**FAAC SLH**	868 MHz	
23		**Prastel**	433.92 MHz	
24		**Sommer**	868 MHz	
25		**Sommer**	433.34 MHz	

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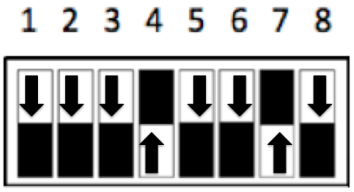
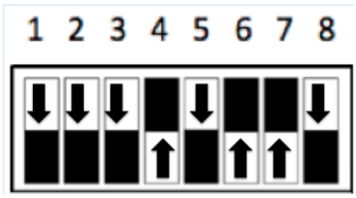
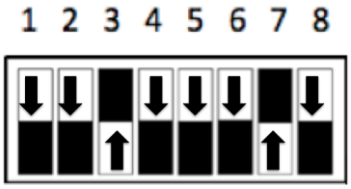
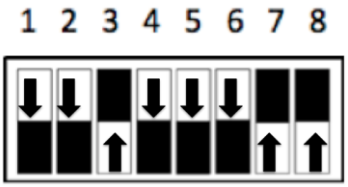
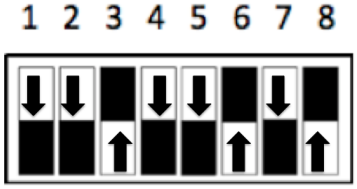
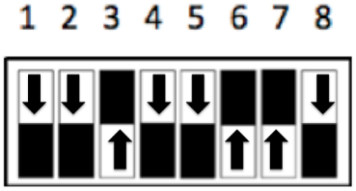
26		**Liftmaster Rolling Code**	868 MHz	
27		**Clemsa Mastercode**	433.92 MHz	
28		**DITEC**	315 MHz	
29		**DITEC**	390 MHz	
30		**DITEC**	433.92 MHz	
31		**V2**	315 MHz	
32		**V2**	390 MHz	

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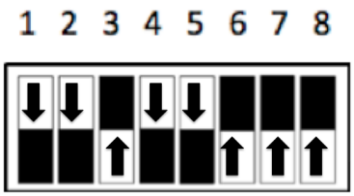
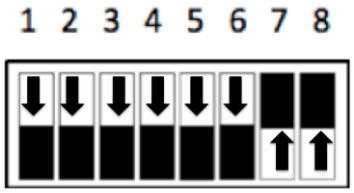
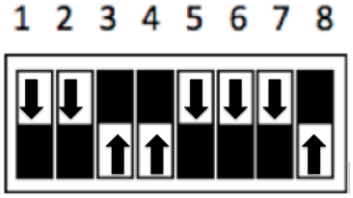
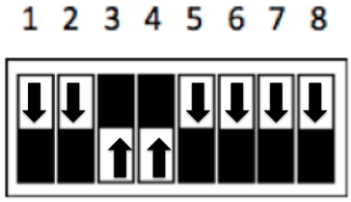
33		**V2**	433.92 MHz	
34		**MARANTEC**	868.80 MHz	
35		**JCM TECH JCM**	868.3 MHz	
36		**JCM GO**	868.3 MHz	
37		**Aprimatic** **Encrypted Code**	433.92 MHz	
38		**Aprimatic** **Encrypted Code**	868.3 MHz	

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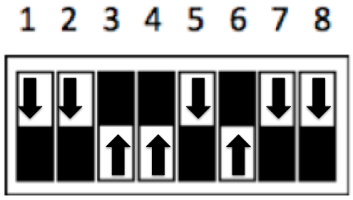
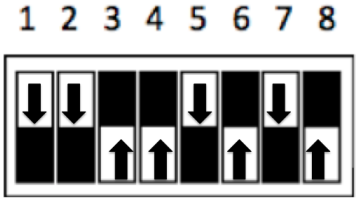
39		**P.N.C.**	868.3 MHz	
40		**MAP**	868.3 MHz	
41		**FORSA**	868.3 MHz	
42		**ALMA**	868.3 MHz	