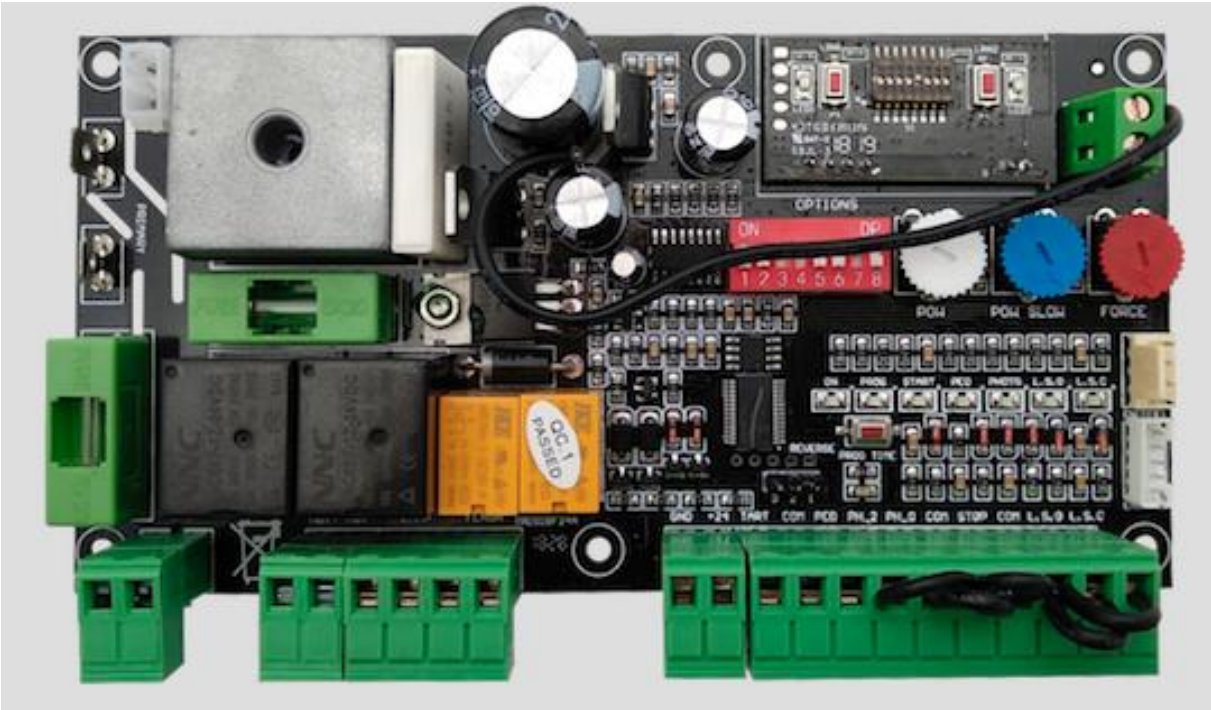
WOLF SD BF 24V

CUADRO DE MANIOBRA PARA PUERTA CORREDERA CON MOTOR DE 24V



Cuadro de maniobra para puerta corredera para motor de 24V (con o sin encoder). Alimentación del cuadro a 24V 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.
- 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.

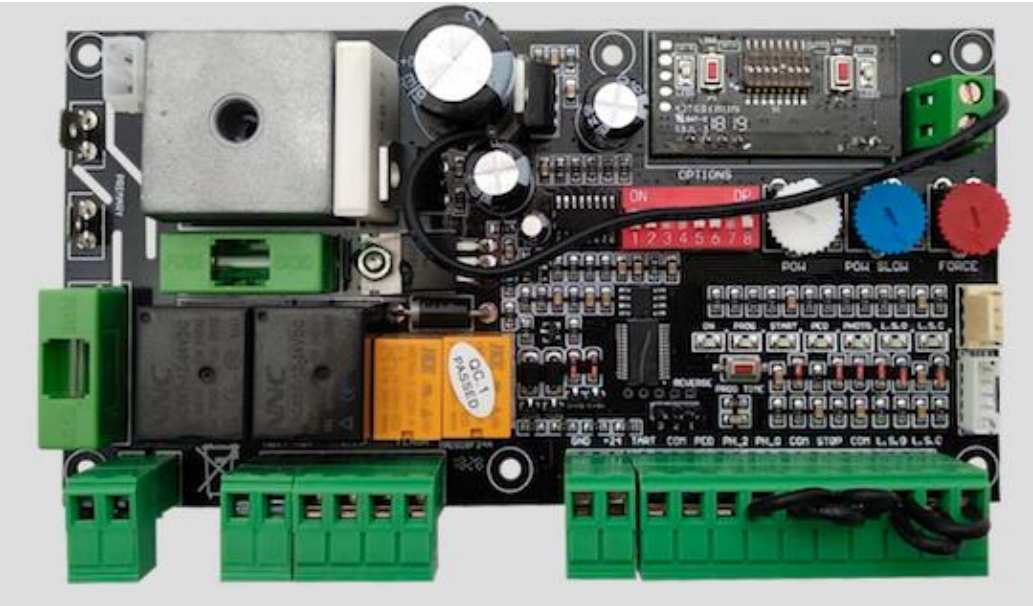
WOLF SD BF 24V

CARACTERÍSTICAS TÉCNICAS	
Alimentación	24V AC/DC +/- 10%
Motor	70W
Salida alimentación accesorios	24V DC 250mA
Tiempo espera cierre automático	5 segundos a 2 minutos
Tiempo funcionamiento normal	3 segundos a 2 minutos
Combinaciones códigos	72.000 billones de códigos
Número de códigos	254 códigos
Programación códigos	Autoaprendizaje
Selección de funciones	Se memoriza la función
Tiempo luz de garaje	4 minutos aproximadamente
Contacto luz de garaje	24V
Tiempo funcionamiento normal	2 segundos a 2 minutos
Tiempo amortiguación	0 segundo a 15 segundos
Frecuencia	433,92 MHz – 868 MHz
Sensibilidad	Mejor de -100dBm
Alcance	Máximo 60m
Antena	Incorporada
Temperatura trabajo	-20º a 70ºC

CONEXIONES

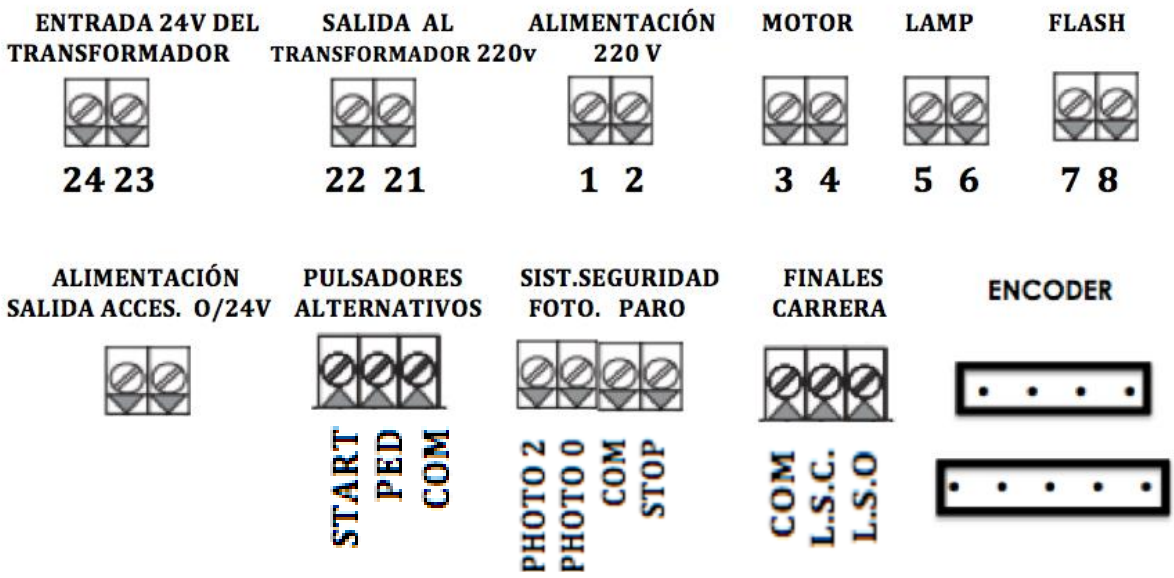
24 23

22
21



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

WOLF SD BF 24V



ATENCIÓN:

-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.

REGULACIONES

POTENCIA MOTOR(BLANCO)

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

REGULACIÓN DEL PARO SUAVE (DIP 7 ON)(AZUL)

Regulación del paro suave. Girar a la izquierda para disminuir y a la derecha para aumentar.

REGULACIÓN FUERZA(ROJO)

Regulacion de la fuerza. Girar ala 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.

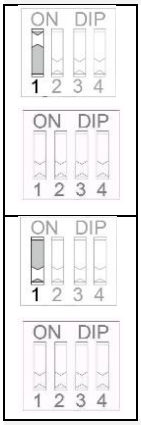
OPCIONES

1 BASCULANTE/CORREDERA

5 PARO CON BANDA NEUMÁTICA A TRAVES DE

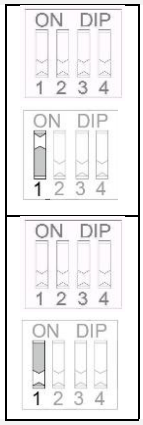
WOLF SD BF 24V

VIA RADIO



ON Basculante.

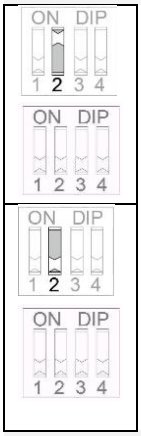
OFF Corredera.



ON La entrada COSTA(4-6) funciona como banda de seguridad 8K2, parando e invirtiendo la maniobra en apertura y cierre.

OFF La entrada COSTA(4-6) funciona como fotocélula de seguridad al abrir, deteniendo la maniobra en la apertura.

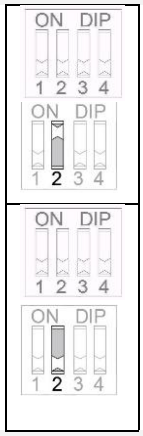
2 BAJADA AUTOMÁTICA



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

OFF Cierre automático desactivado.

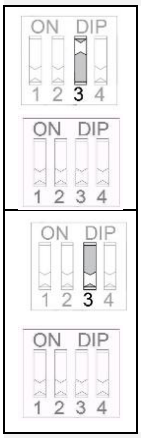
6 LUZ DESTELLO



ON Destello.

OFF Fija.

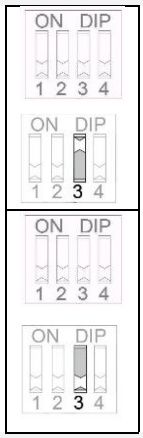
3 INVERSIÓN DIRECTA Y PARO AL ABRIR



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

OFF El pulsador START(1-2) y el emisor paran la puerta durante la apertura y la invierten en el cierre.

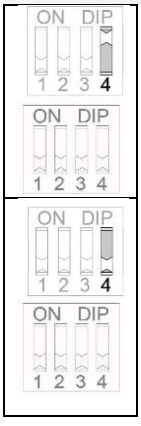
7 PARO SUAVE



ON Paro suave activado. Al final de las maniobras de apertura y cierre se realiza el paro suave. Distancia minima debe ser 50 cm.

OFF Paro suave desactivado.

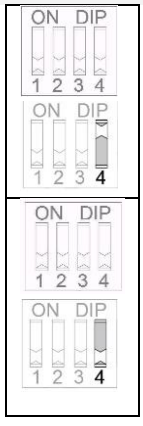
4 CAMBIO SENTIDO DEL MOTOR



ON Sentido del motor normal.

OFF Sentido del motor invertido.

8 ENCODER

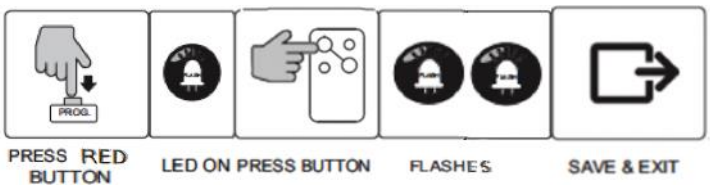


ON Encoder activado.

OFF Encoder desactivado. Función normal.

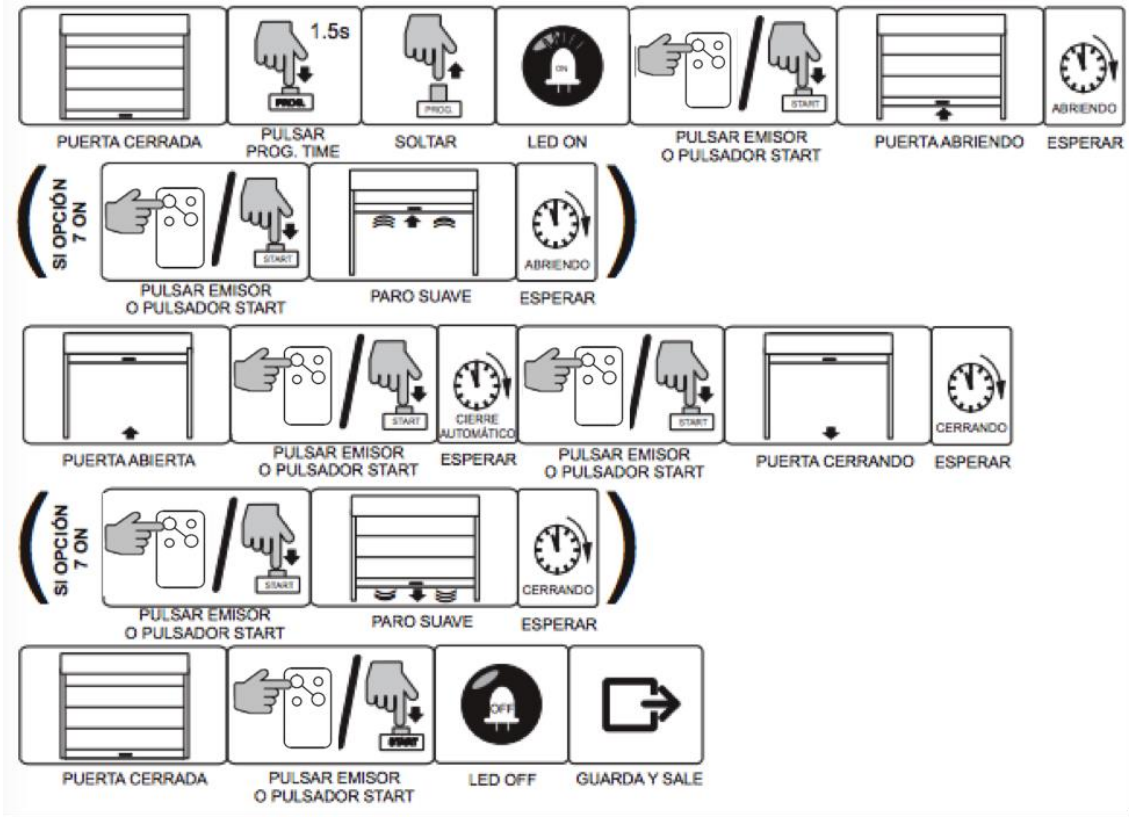
WOLF SD BF 24V

PROGRAMACIÓN MANDO

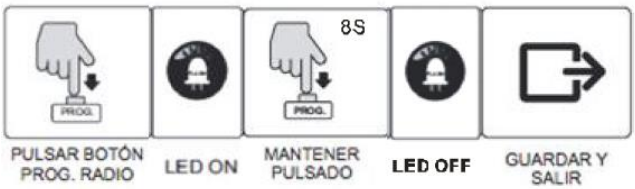


****EL BOTÓN ROJO ESTÁ UBICADO EN LA TARJETA RECEPTORA (INSTALADA PERPENDICULAR A LA PLACA), AL IGUAL QUE EL LED.**

PROGRAMACIÓN DEL TIEMPO DE MANIOBRA

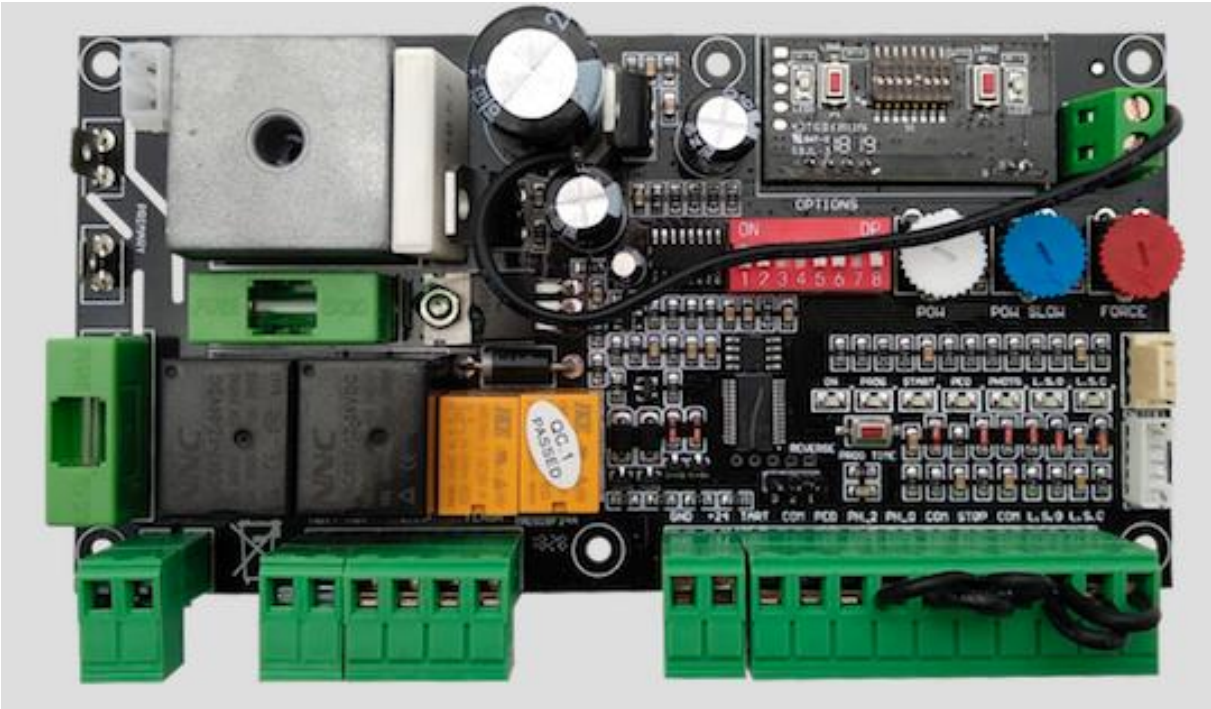


RESET MEMORIA



WOLF SD BF 24V

SLIDING DOOR CONTROL BOARD WITH MOTOR 24 V



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

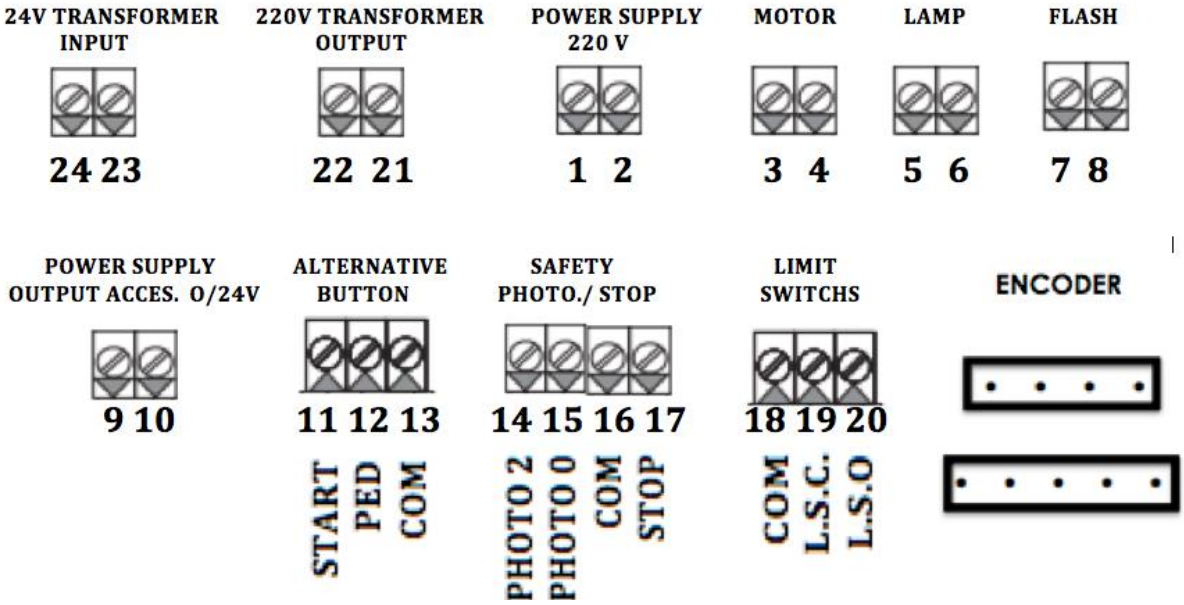
HOW IT WORKS

- 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.
- 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

WOLF SD BF 24V

TECHNICAL SPECIFICATIONS	
Power supply	24V AC/DC +/-10%
Drive horsepower	70W
Power supply for accessories	24V DC 250mA
Automatic closing time	5 seconds to 2 minutes
Working time	3 seconds to 2 minutes
Receiver capacity	254 codes
Code programming	Self-learning
Garage light time	4 minutes approx.
Garage light contact	24V
Working time	2 seconds to 2 minutes
Buffer time	0 to 15 seconds
Frequency	433,92 MHz – 868 MHz
Sensibility	Better than -100dBm
Range	Maximum 60m
Aerial	Built-in
Working temperature	-20º to 70ºC

CONNECTIONS



ATENTION:

-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.

REGULATIONS

MOTOR POWER REGULATION (WHITE)

Regulates the power of the motor. Turn to the LEFT to decrease it and to the RIGHT to increase it.

WOLF SD BF 24V

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

REGULATION FORCE (RED)
Regulation of force. Turn left to decrease and right to increase.

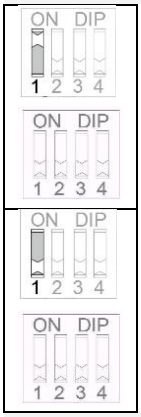
BRIDGE SELECTORS

MOTOR TYPE (C S)

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

OPTIONS

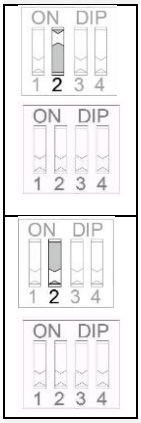
1 GARAGE/SLIDING



ON Garage.

OFF Sliding.

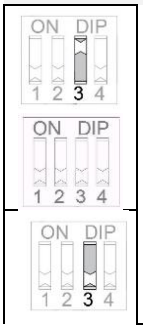
2 AUTOMATIC CLOSURE



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

OFF Automatic closure deactivated.

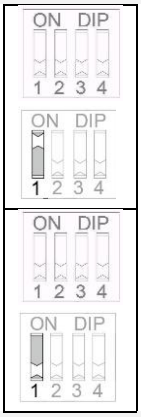
3 DIRECT INVERTION AND STOP WHILE OPENING



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) nd transmitter

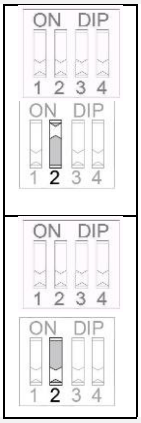
5 PNEUMATIC BAND WITH STOP OPTIONS WITH BAND WIRELESS



ON COSTA (4-6) input works like 8K2 safety band, stops and reverts the maneuver while opening and closing.

OFF COSTA (4-6) works like safety photobeam during opening by stopping the maneuver.

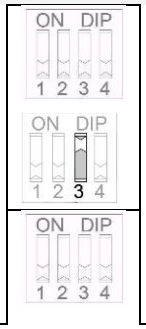
6 FLASHING LIGHT



ON Flashing.

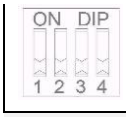
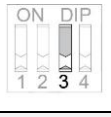
OFF Fixed.

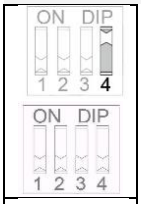
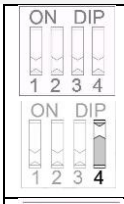
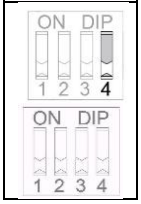
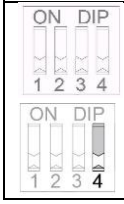
7 SOFT STOP



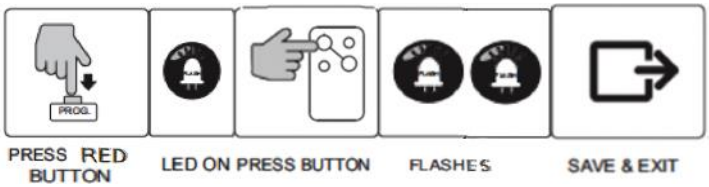
ON Soft Stop activated at the end of opening and closing maneuvers. Distance mínimum of 50 cm.

WOLF SD BF 24V

	stop the door during opening and invert the operation during closing.		**OFF** Soft stop deactivated.

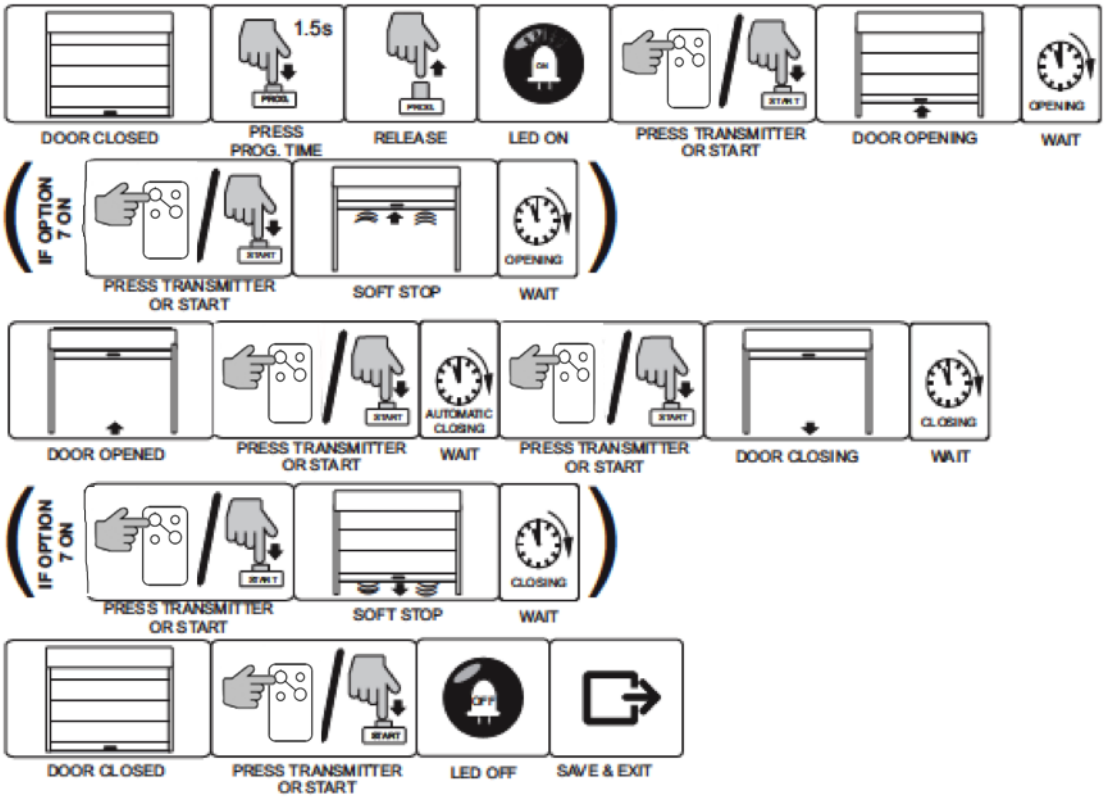
4 DRIVE DIRECTION		8 ENCODER	
	**ON** Normal drive direction.		**ON** Encoder activated.
	**OFF** Inverted drive direction.		**OFF** Encoder deactivated.

REMOTE PROGRAMMATION



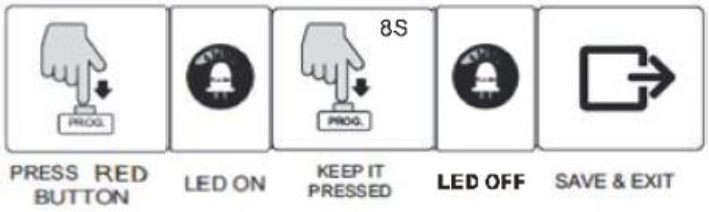
**** THE RED BUTTON IS ON THE RECEIVER'S CARD INSTALLED (WHICH IS PERPENDICULAR TO THE BOARD) AND THE LED THAT FLASHES ASWELL.**

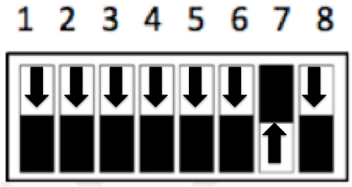
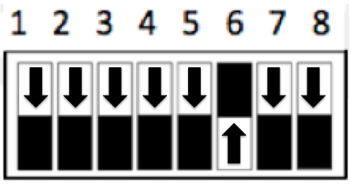
DIGITAL TIME PROGRAMMING (SELF-LEARNING)



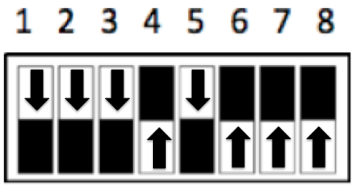
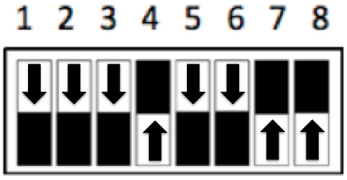
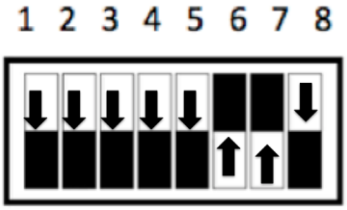
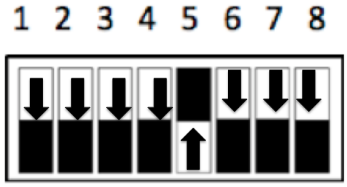
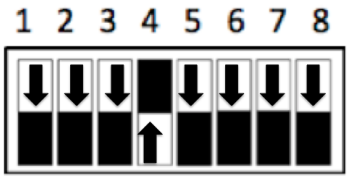
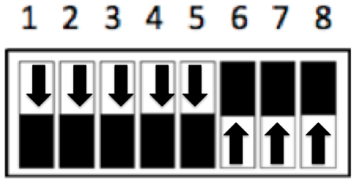
WOLF SD BF 24V

MEMORY RESET



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	

WOLF SD BF 24V

5		**Liftmaster**	315 MHz	
6		**Liftmaster**	390 MHz	
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

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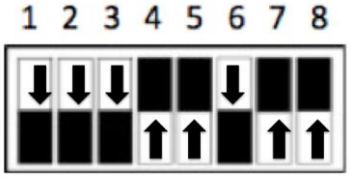
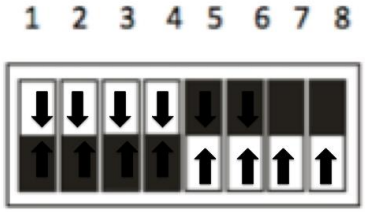
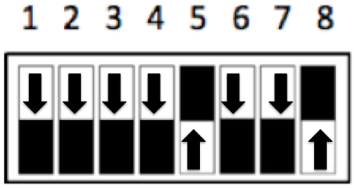
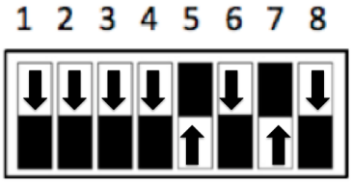
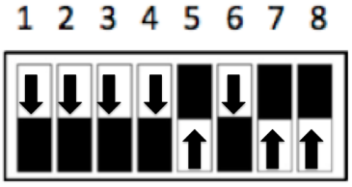
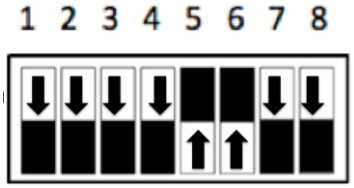
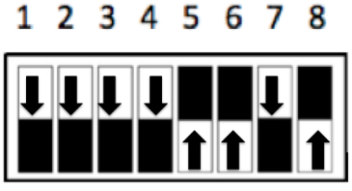
11		**Universal Rolling Code**	868 MHz FSK	Rolling Code
12		**Universal Rolling Code**	868.3 MHz ASK	Rolling Code
13		**Universal Fixed Code** **Código Fijo**	300MHz	Fixed Code
14		**Universal Fixed Code** **Código Fijo**	310 MHz	Fixed Code
15		**Universal Fixed Code** **Código Fijo**	315 MHz	Fixed Code
16		**Universal Fixed Code** **Código Fijo**	318 MHz	Fixed Code
17		**Universal Fixed Código Fijo**	330 MHz	Fixed Code

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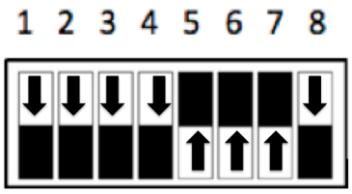
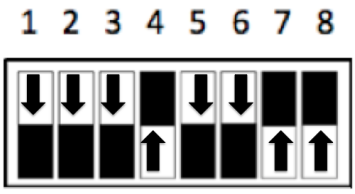
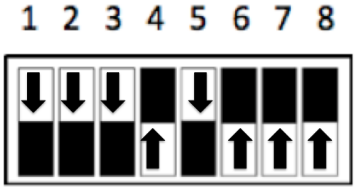
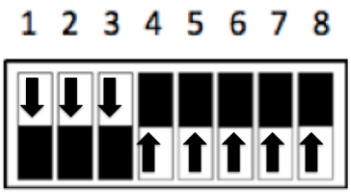
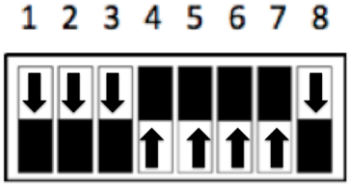
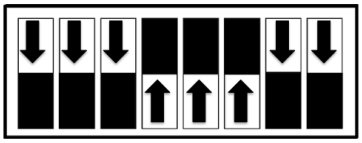
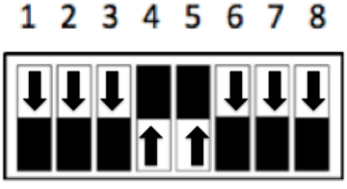
18		**Universal Fixed Code** **Código Fijo**	390 MHz	Fixed Code
19		**Liftmaster Rolling Code Billioncode**	390 MHz	
20		**Liftmaster Rolling Code**	315 MHz	
21		**Hormann Marantec Berner**	868 MHz	
22		**FAAC SLH**	868 MHz	
23		**Prastel**	433.92 MHz	
24		**Sommer**	868 MHz	

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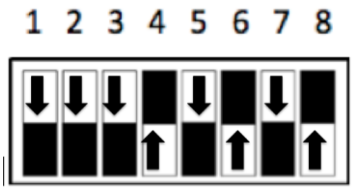
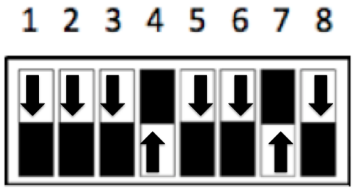
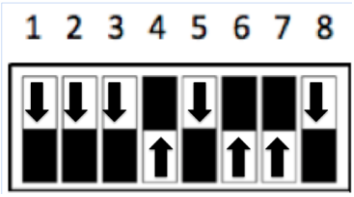
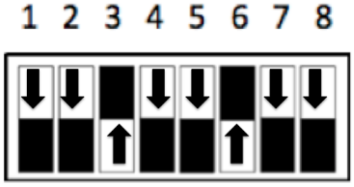
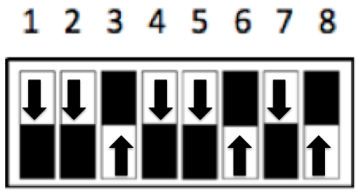
25		**Sommer**	433.34 MHz	
26		**Liftmaster Rolling Code**	868 MHz	
27		**Clemsa Mastercode**	433.92 MHz	
28		**DITEC**	315 MHz	
29		**DITEC**	390 MHz	
30		**DITEC**	433.92 MHz	
31		**V2**	315 MHz	

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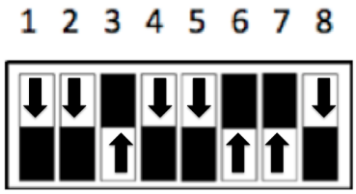
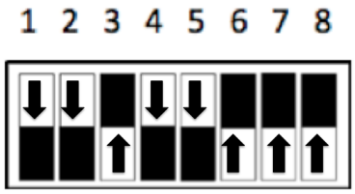
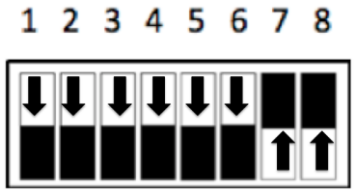
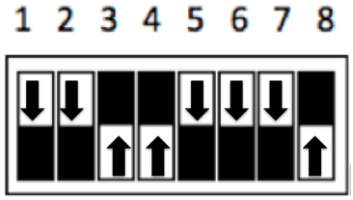
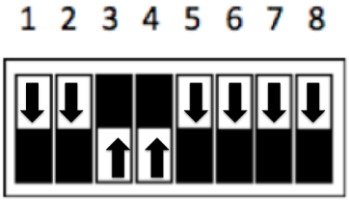
32		**V2**	390 MHz	
33		**V2**	433.92 MHz	
34		**MARANTEC**	868.80 MHz	
35		**JCM TECH** **JCM**	868.3 MHz	
36		**JCM GO**	868.3 MHz	
37		**Aprimatic** **Encrypted Code**	433.92 MHz	

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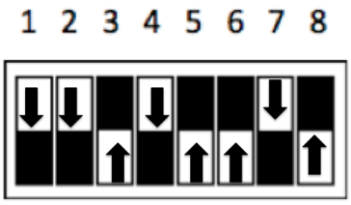
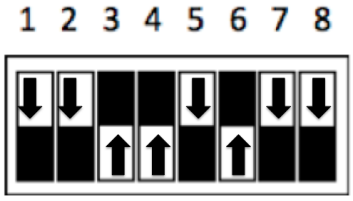
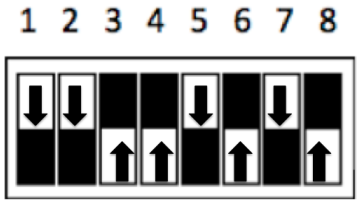
38		**Aprimatic** **Encrypted Code**	868.3 MHz	
39		**P.N.C.**	868.3 MHz	
40		**MAP**	868.3 MHz	
41		**FORSA**	868.3 MHz	
42		**ALMA**	868.3 MHz	