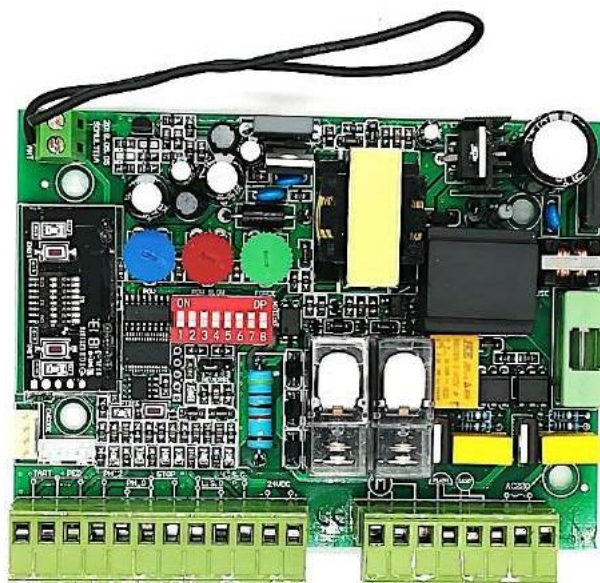


CUADRO DE MANDO PARA PUERTA CORREDERA



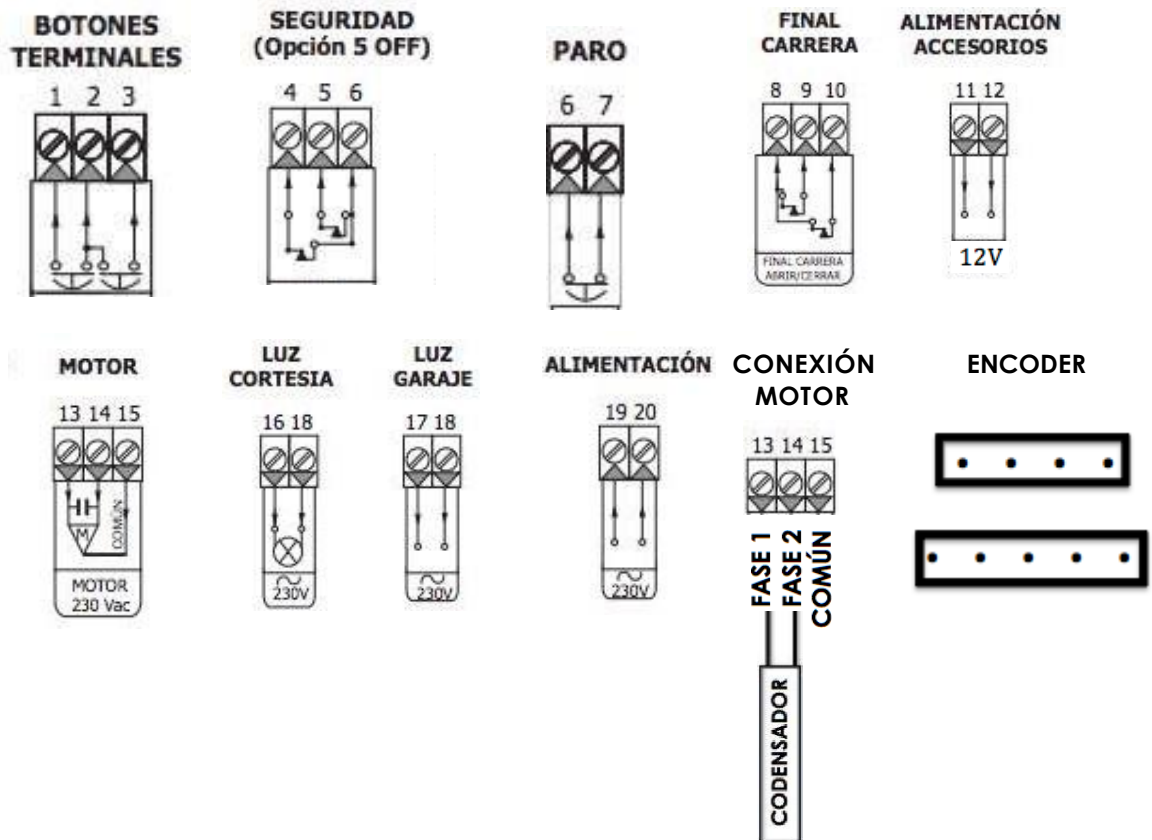
Cuadro de maniobra para puerta corredera para motor de 110V a 220 V (con o sin encoder). Alimentación del cuadro de 110 a 220 V AC, receptor de radio RX Multi incorporado, regulación de fuerza y paro suave al final de las maniobras de apertura y cierre.

FUNCIONAMIENTO

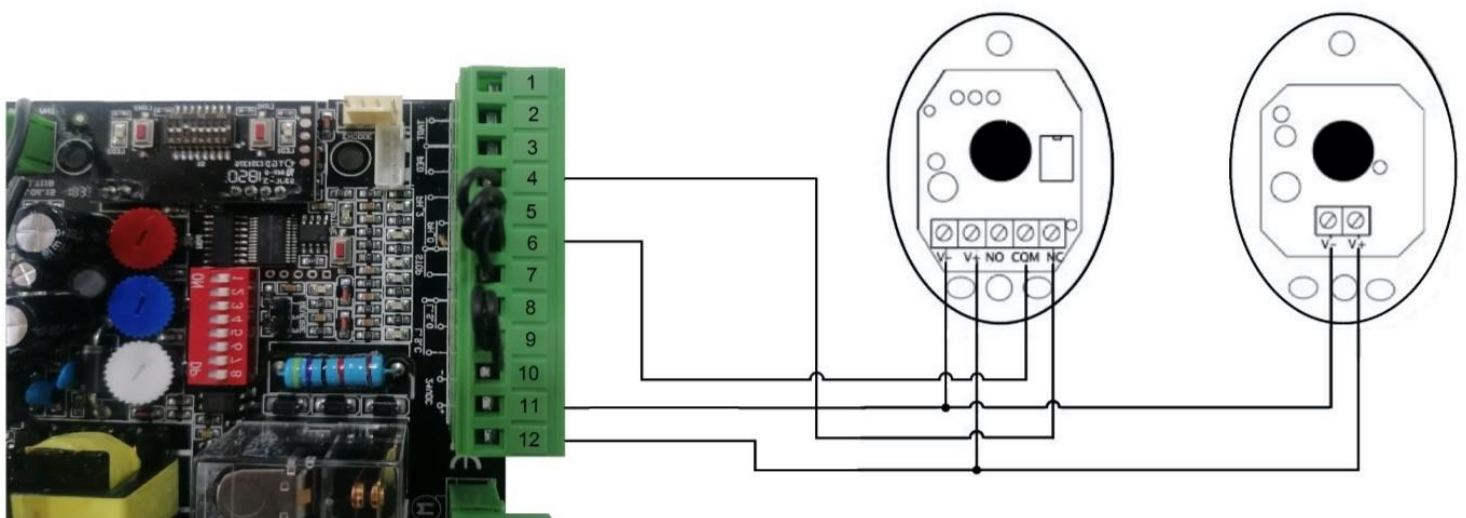
- Las maniobras del automatismo se ejecutan con el botón START (1-2) o mediante un mando programado.
- La maniobra finaliza por la activación del final de carrera correspondiente o por la finalización del tiempo de funcionamiento.
- Si durante la maniobra de apertura se da una orden, la maniobra finaliza 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 17 está ON.

SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

CONEXIONES

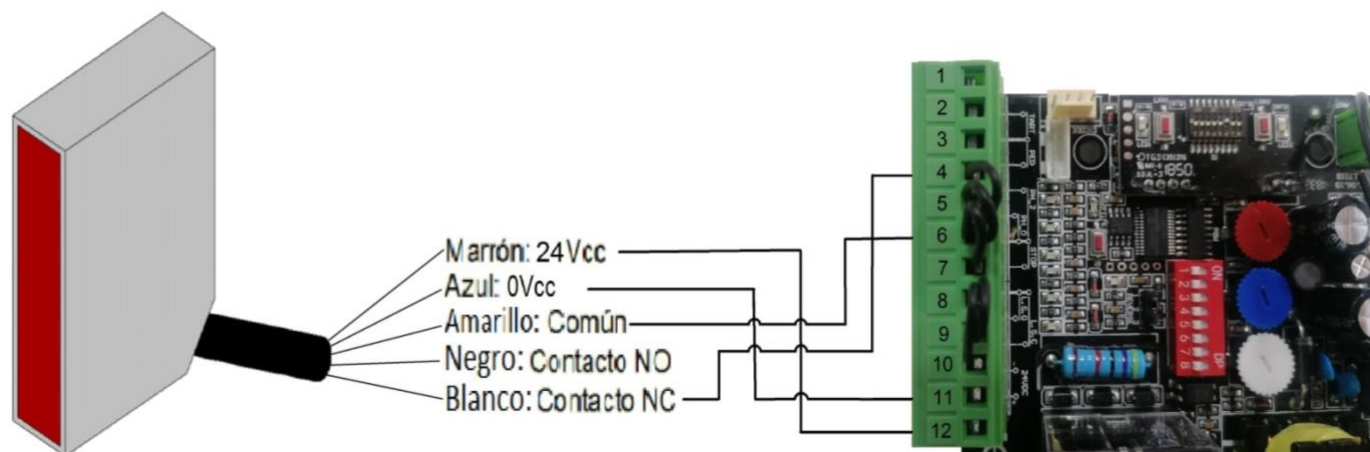


Fotocélula emisor/receptor



SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

Fotocélula espejo



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.

REGULACIONES



REGULACIÓN DE LA POTENCIA DEL MOTOR **(AZUL)**

Regula la potencia del motor. Gire a la IZQUIERDA para disminuirla y a la DERECHA para aumentarla.

REGULACION DEL PARO SUAVE (DIP 7 ENCENDIDO) **(ROJO)**

Ajuste suave de la parada. Gire a la IZQUIERDA para disminuirla y a la DERECHA para aumentarla.

FUERZA DE AMPERESTOP **(VERDE)**

Regulación de la fuerza. Gire a la izquierda para disminuir y a la derecha para aumentar.

SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

SELECTORES

TIPO DE MOTOR (REVERSE – C S)



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



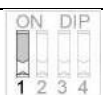
Selector hacia la derecha – Motores de menos de 600 kg.

OPCIONES

1 BASCULANTE/CORREDERA



ON Basculante.



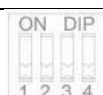
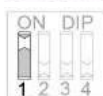
OFF Corredera.



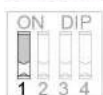
5 PARO CON BANDA NEUMÁTICA A TRAVES VIA RADIO



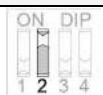
ON **DESHABILITADO**
cierre.



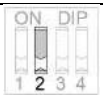
OFF **DESHABILITADO**
La entrada COSTA(166) funciona



2 BAJADA AUTOMÁTICA



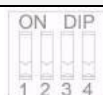
ON Cierre automático activado. Una vez abierta, transcurrido el tiempo programado, se cierra.



OFF Cierre automático desactivado.

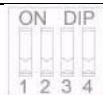
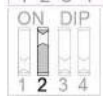


6 LUZ DESTELLO

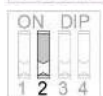


activando la manobra en la apertura.

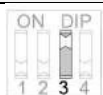
ON Destello.



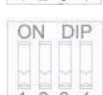
OFF Fija.



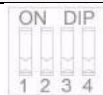
3 INVERSIÓN DIRECTA Y PARO AL ABRIR



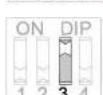
ON Inhibición durante la apertura del pulsador START(162) y del emisor. Durante el cierre la activación del START o del emisor para la maniobra de apertura.



7 PARO SUAVE



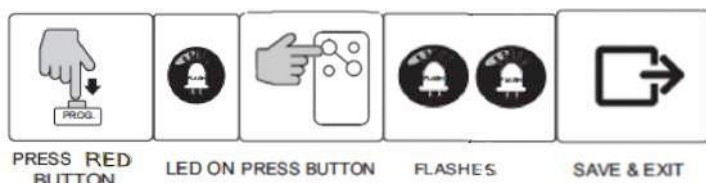
ON Paro suave activado. Al final de las maniobras de apertura y cierre se realiza el paro suave. Distancia mínima de 50 cm.



SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

 	OFF El pulsador START(162) y el emisor paran la puerta durante la apertura y la invierten en el cierre.	 	OFF Paro suave desactivado.
4 CAMBIO SENTIDO DEL MOTOR		8 ENCODER	
 	ON Sentido del motor normal.	 	ON Encoder activado.
	OFF Sentido del motor invertido.	 	OFF Encoder desactivado. Función normal.

PROGRAMACIÓN MANDO

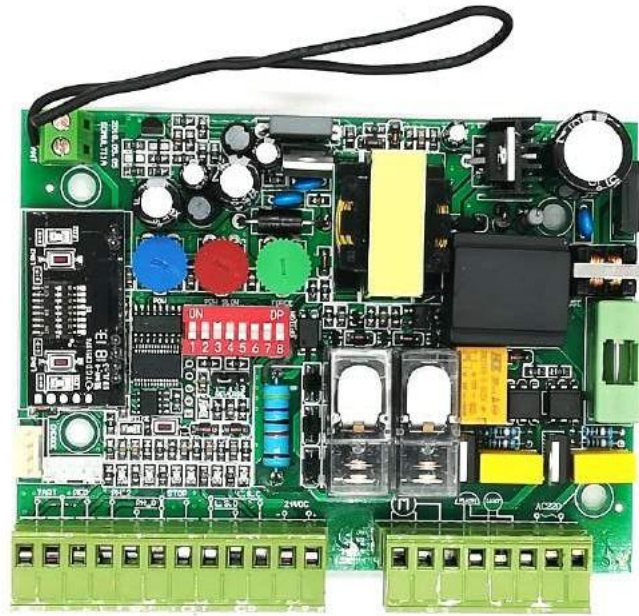


****EL BOTÓN ROJO ESTÁ UBICADO EN LA TARJETA RECEPTORA (INSTALADA PERPENDICULAR A LA PLACA), AL IGUAL QUE EL LED.**

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 70°C

CONTROL BOARD FOR SLIDING DOORS



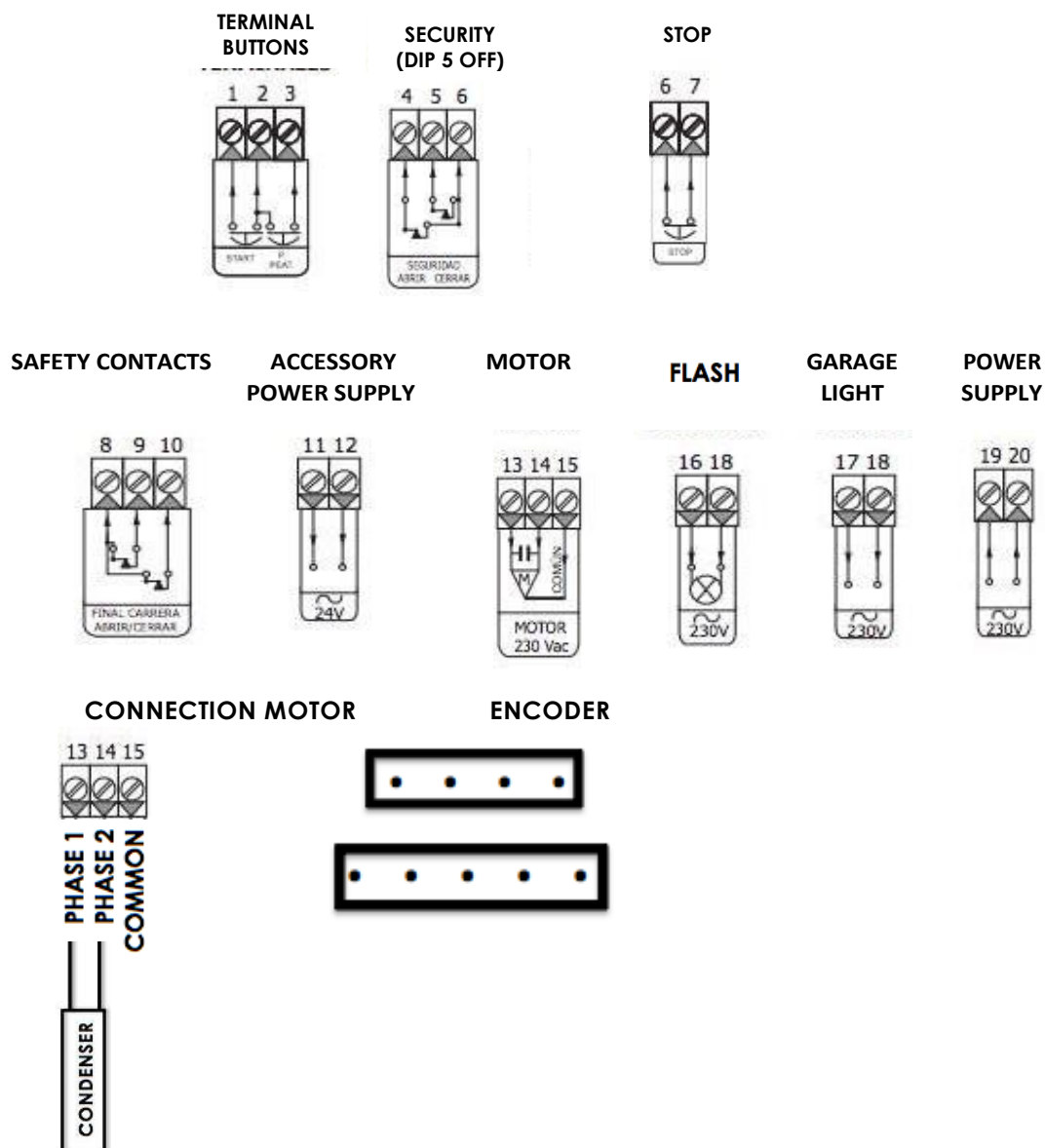
Sliding door control board with 110 to 220 V AC power supply for one motor at 110 to 220 V (with or without encoder), with RX Multi radio receiver integrated, force regulation and soft stop operation for opening and closing maneuver.

HOW IT WORKS

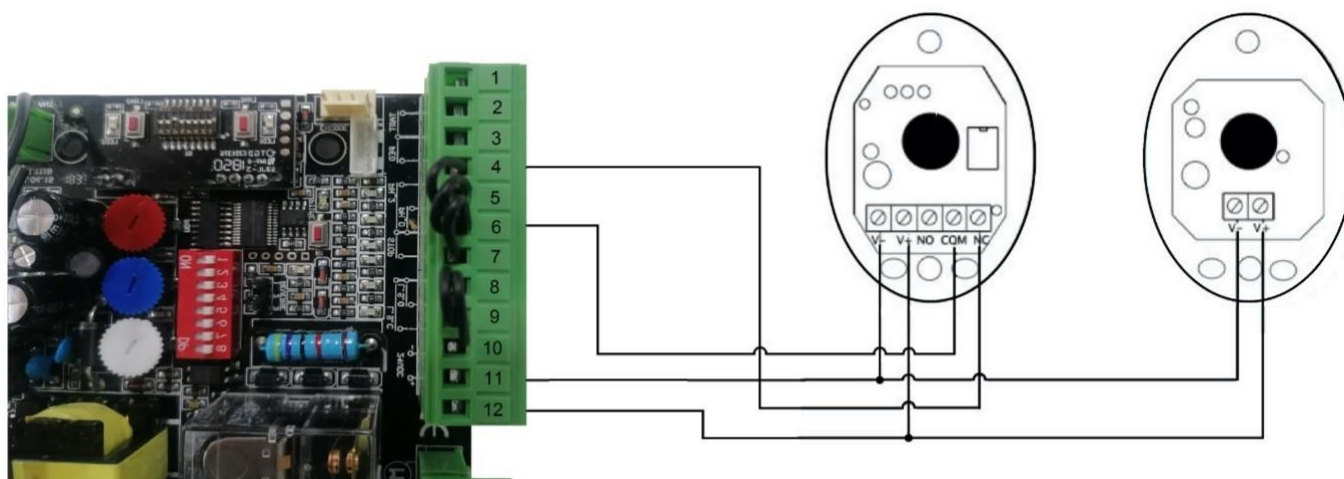
- Maneuvers are executed through the START button (1—2) or by radio (remote).
- Maneuvers end by activation of limit switches or by the finish of operation time.
- If an order is given during opening operation, the maneuver stops and automatic closure is deactivated.
- Stop activation button (6-7) causes 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.

SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

CONNECTIONS

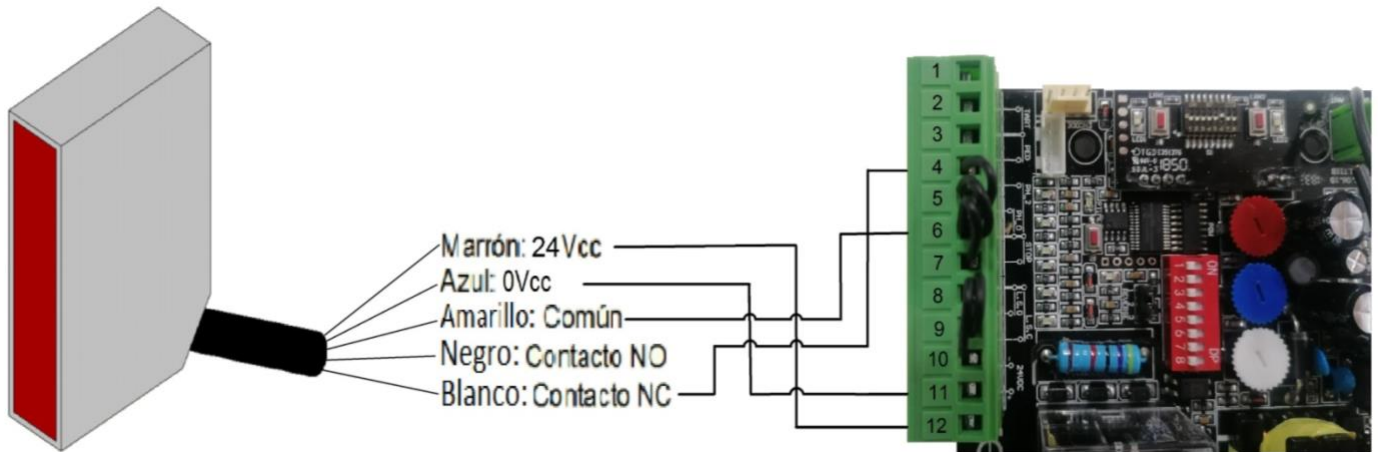


Fotocélula emisor/receptor



SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

Fotocélula espejo



ATTENTION:

- 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.

REGULATIONS



MOTOR POWER REGULATION (BLUE)

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) (RED)

Soft stop adjustment. Turn to the LEFT to decrease it and to the RIGHT to increase it.

AMPERESTOP FORCE (GREEN)

Regulation of force. Turn left to decrease and right to increase.

SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

SELECTORS

MOTOR TYPE (C S)



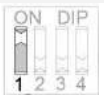
Left selector – More than 600kg motor.



Right selector – Less than 600kg motor.

OPTIONS

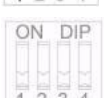
1 GARAGE/SLIDING



ON Garage.



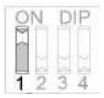
OFF Sliding.



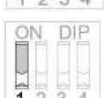
5 PNEUMATIC BAND WITH STOP OPTIONS WITH BAND WIRELESS



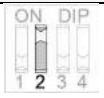
DISABLE
maneuver while opening and closing.



DISABLE



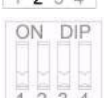
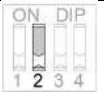
2 AUTOMATIC CLOSURE



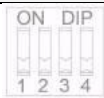
ON Automatic closure activated. Once opened, door closes automatically after waiting the programmed time.



OFF Automatic closure deactivated.



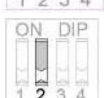
6 FLASHING LIGHT



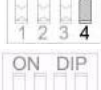
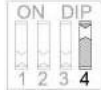
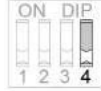
ON Flashing.



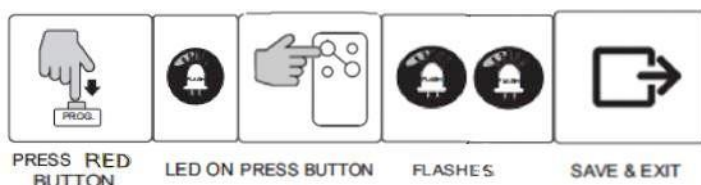
OFF COSTA (466) works like safety photobeam during opening by stopping the maneuver.
OFF Fixed.



SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

3 DIRECT INVERTION AND STOP WHILE OPENING		7 SOFT STOP	
	ON Deactivation of the START switch (162) and transmitter during the opening. During closing, activation of the START switch or transmitter will stop the maneuver.		ON Soft Stop activated at the end of opening and closing maneuvers. Distance minimum of 50 cm.
			
			
	OFF START switch (162) and transmitter 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.
			
			

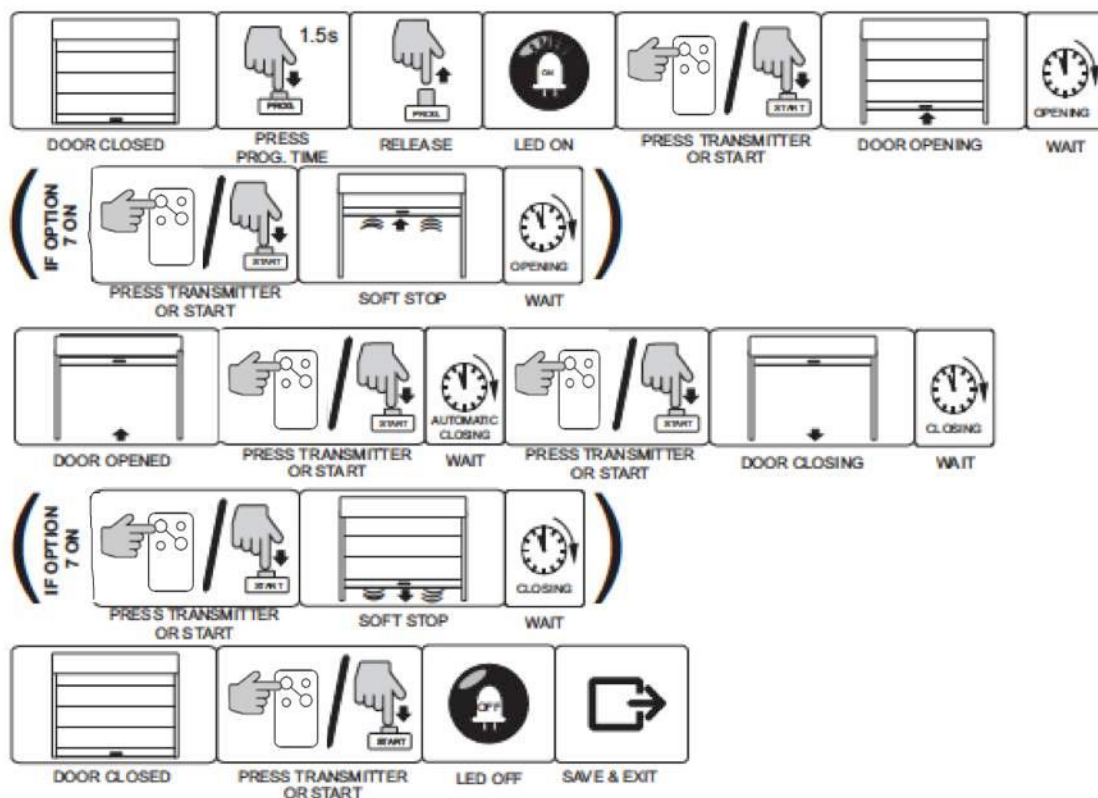
REMOTE PROGRAMMATION



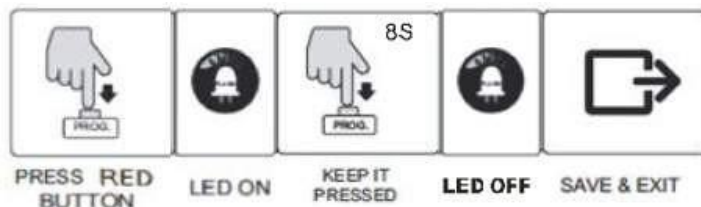
**** THE RED BUTTON IS ON THE RECEIVER'S CARD INSTALLED (WHICH IS PERPENDICULAR TO THE BOARD) AND THE LED THAT FLASHES ASWELL.**

SD MULTI MINI: CONTROL BOARD FOR SLIDING GATES

DIGITAL TIME PROGRAMMING (SELF-LEARNING)



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 70°C