

# PC BOARDS

## MANAGEABLE THROUGH COMPUTER, SMARTPHONE, WATCH series 3 or sup.



### AC08080 L1 24V only pc board without transformer and radio module

- automatic travel and operating time learning system with electric limit switches
- automatic closure for total and pedestrian opening
- pre-blinking
- high speed adjustable
- low speed adjustable
- soft start - soft stop
- radio command - step by step (open - stop - close)
- single command - step by step (open - stop - close)
- directional open and close commands (with timer control)
- stop command
- 433MHz radio module ACG8069 (built-in L1 24V-CRX card) compatible with SUN and SUN PRO remotes
- pedestrian opening
- pedestrian command by remote (only with radio module ACG8069)
- adjustable impact sensor to detect obstacle
- built-in motor heater
- photocells autotest as required by EN12453
- continuous operation during power failure (with optional battery and batteries charger - see page 11)



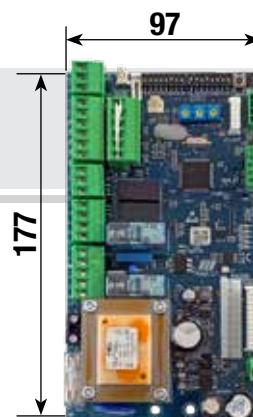
Pc board included into operators:  
**K400 24V - K800 24V *FAST***

Connectable to : APP and APP+ cards, batteries charger card, radio module, photocells, safety strips, blinker, key selector  
 Replaces cards KS 24V and K 24V.



ABL1000	<b>L1-CRX</b> with plastic container
ABL1/R2RX	<b>L1/R2-CRX</b> with plastic container
AC08082	<b>L1</b> only pc board, without radio module

- automatic travel and operating time learning system with electric limit switches
- automatic closure for total and pedestrian opening
- pre-blinking
- electronic adjustment of the force \*
- electronic brake \*
- adjustable low speed in approaching \*
- gradual operation start \*
- radio command - step by step (open - stop - close) or automatic (open - close)
- single command - step by step (open - stop - close) or automatic (open - close)
- directional open - close commands (with timer control)
- stop command
- 433 MHz radio module ACG8069 (built-in L1-CRX card) compatible with SUN and SUN PRO remotes
- pedestrian opening
- pedestrian command by remote (only with radio module ACG8069)
- built-in motor heater (with optional PROBE ACG4665)
- impact sensors to detect obstacle (only with Set **PLUS**)
- safety strip self-test as required by EN12453



Suitable for these operators:  
**L1-CRX** K800 - K1400 - K2200 -  
**SUPER 2200 - SUPER 8000**  
***FAST***  
**L1/R2-CRX** **SUPER 3600 - SUPER 4000**

ABL1000 and ABL1/R2RX: They are supplied with a plastic container IP55.



\* Not for L1/R2-CRX

Connectable to APP and APP+ cards, radio module, photocells, safety strips, blinker, key selector, buzzer

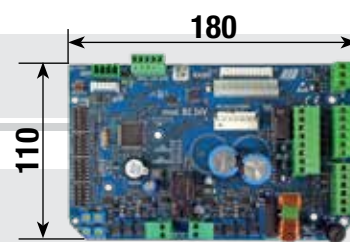
Replaces cards AQM1, AQM11, BRA 11, BRA 111, DE1, DE1 FE, DE11, EC11, EC11FE, EURO 11, EURO 11 FE, EURO 1 PLUS FE, MICRO, S1, S11, S111, K, Q1, Q11.

# PC BOARDS MANAGEABLE THROUGH COMPUTER, SMARTPHONE, 🍏 WATCH series 3 or sup.



**ABB2060 B2D 24V-CRX** with plastic container  
**AC08072 B2D 24V** only pc board without transformer and radio module

**ABB2070 B2 24V-CRX** with plastic container  
**AC08070 B2 24V** only pc board without transformer and radio module



- automatic travel and operating time learning system
- automatic closure for total and pedestrian opening
- pre-blinking
- slow speed in approach
- radio command - step by step (open - stop - close) or automatic (open - close)
- single command - step by step (open - stop - close) or automatic (open - close)
- directional open and close commands (with timer control)
- stop command
- 433 MHz radio module ACG8069 (built-in B2 24V-CRX card) compatible with SUN and SUN PRO remotes
- pedestrian command
- pedestrian command by remote (only with radio module ACG8069)
- electric lock release operation
- extra thrust to engage the electric lock
- adjustable impact sensor to detect obstacle
- photocells autotest as required by EN12453
- continuous operation during power failure (with optionals battery and recharge battery card)

**Suitable for:**  
**PRINCE 24V - KING EVO 24V - PREMIER 24V - DUKE 24V**

ABB2060, ABB2070: They are supplied with an IP55 container



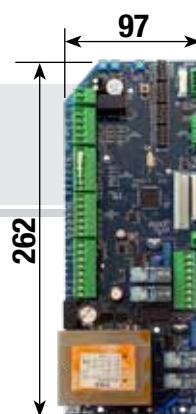
**Connectable to** APP and APP+ cards, batteries charger card, radio module, photocells, safety strips, blinker, key selector, electric lock

B2 24V replaces cards K2 24V, KS2 24V, T2 24V.

B2D 24V replaces card B2D 24V.



**ABB2050 B2-CRX** with plastic container  
**ABB2/R2RX B2/R2-CRX** with plastic container  
**AC08074 B2** only pc board, without radio module



- automatic travel and operating time learning system with electric limit switches
- automatic closure for total and pedestrian opening
- slow speed approaching the end of stroke \*
- pre-blinking
- electronic adjustment of the force \*
- radio command - step by step (open - stop - close) or automatic (open - close)
- single command - step by step (open - stop - close) or automatic (open - close)
- 433 MHz radio module ACG8069 (built-in B2-CRX card) compatible with SUN and SUN PRO remotes
- pedestrian opening command
- pedestrian command by remote (only with radio module ACG8069)
- electric lock release operation
- extra thrust to engage the electric lock
- built-in motor heater (with KING EVO ICE)
- photocells autotest as required by EN12453

**Suitable for these 230V operators:**  
**B2-CRX KING EVO - MAGIC - DUKE - IDRO - R50**  
**B2/R2-CRX R60, SUPER 4000**

ABB2050, ABB2/R2RX: They are supplied with a plastic container IP55



\* Not for B2/R2-CRX

**Connectable to** APP and APP+ cards, radio module, photocells, safety strips, blinker, key selector, electric lock  
Replaces cards AQM22, DE2, DE22 FE, DE22 FE-iec, EURO 22, EURO 22 FE, EURO 2 PLUS FE, K2, KS2, Q2, Q22, T2, T22.

# PC BOARDS MANAGEABLE THROUGH COMPUTER, SMARTPHONE, 🍏 WATCH series 3 or sup.



## AC08084 P1 24V only pc board without transformer and radio module



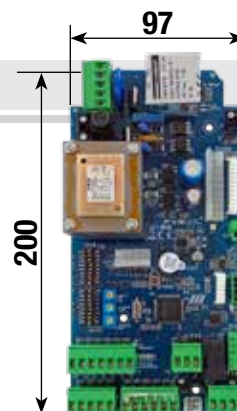
- automatic travel and operating time learning system
- automatic closure
- pre-blinking
- soft start - soft stop
- radio command - step by step (open - stop - close) or automatic (open - close)
- single command - step by step (open - stop - close) or automatic (open - close)
- directional open and close commands (with timer control)
- stop command
- 433 MHz radio module ACG8069 (built-in P1 24V-CRX card) compatible with SUN and SUN PRO remotes
- PARK feature to control a parking
- BLACK-OUT feature with automatic closure when the power supply returns
- impact sensor to detect obstacle
- continuous operation during power failure (with optional batteries and batteries recharge card)

**Pc board supplied with barriers  
PRESIDENT 3m and PRESIDENT 4 m**

Connectable to APP and APP+ cards, batteries charger card, radio module, photocells, blinker, key selector  
Replaces card PARK 24V



## AC08086 P1 only pc board, without radio module



- automatic travel and operating time learning system with electric limit switches
- automatic closure
- pre-blinking
- adjustable low speed in approaching
- radio command - step by step (open - stop - close) or automatic (open - close)
- single command - step by step (open - stop - close) or automatic (open - close)
- directional open and close commands (with timer control)
- stop command
- 433 MHz radio module ACG8069 (built-in P1-CRX card) compatible with SUN and SUN PRO remotes
- PARK feature to control a parking
- BLACK-OUT feature with automatic closure when the power supply return
- safety strip self-test as required by EN12453
- built-in motor heater (with optional PROBE ACG4666)

**Pc board included into barriers  
RAPID S, RAPID N, NORMAL, INDUSTRIAL**

Connectable to APP and APP+ cards, radio module, photocells, safety strips, blinker, key selector  
Replaces cards EUROBAR, PARK 230V-CRX

**NEW**



**ACG8069 Radio Module 433 MHz**  
to manage control panels series  
L1, B2, P1 using SUN or SUN PRO  
remotes



**ACG8081 Cards for the**  
synchronization of 2 2 L1, L1 24V,  
P1, P1 24V commands and safety  
devices  
Synchronization can only be  
activated with RIB GATE App

# PC BOARDS MANAGEABLE THROUGH COMPUTER, SMARTPHONE, 🍏 WATCH series 3 or sup.



## RIB GATE



Software for smartphones with iOS or Android and for Apple Watch Series 3 with WatchOS4.

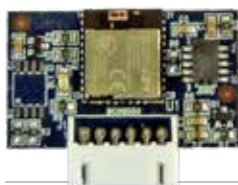
Configurable on different levels of accessibility to its functions:  
Installer - Administrator / Landlord - End User

Functions:

- command of one or more automations nearby via Bluetooth 4.2 or even distant via Wi-Fi (with preferred automation selection).
- automatic activation of the system in case of approach thanks to gps in the smartphone (excludable).
- analysis of the automation status and verification of cycles performed.
- configuration of the automation.



- management of users using smartphones, Apple Watch or remote control.
- addition-suspension-cancellation of users.
- system loyalty.
- firmware update.
- activation of special functions such as pedestrian control or open gate lock.
- sending temporary permits of access from the Administrator / home owner to external staff (gardener, waitress, etc.), renters, customers.
- command of obsolete plants via the APP+ card.
- automatic transfer of all data and settings in the Cloud.
- etc.



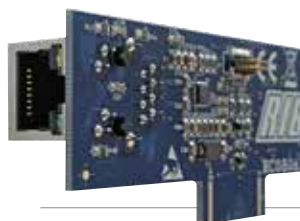
**APP8050 APP card**  
to manage the control panel using  
Bluetooth 4.2 transmission



**APP8054 APP+ card**  
to manage the control panel using  
Bluetooth 4.2 transmission



**APP8064 Wi-Fi module 2.4GHz**  
IEEE 802.11 b/g/n with integrated  
antenna - for APP+ card  
to manage the control panel using  
the local Wi-Fi network (WLAN)



**APP8066 RJ45 module for APP+ card**  
to manage the control panel using  
the local network (LAN)



**APP8060 Clock module for APP+ card**  
to add access control features to  
the control panel



## RIB Cloud

With personal account Installer - Administrator/Landlord

Via web browser it is possible to:

- You can access your personal web space where all the registered systems are present.
- insert the installer logo and the installer data. The Users App updates automatically by uploading the installer's logo and contact information.
- connect online to the control panel (if Wi-Fi module is present).
- analyze the automation problems before leaving the office with the correct spare parts.
- Automatically download the panel data to the cloud every time the Bluetooth 4.2 signal is connected (if the Wi-Fi signal is not present).
- have access to all the functions in the RIB GATE App. They will be available directly to those who are enabled to interact with the module (installer, administrator / landlord).
- update the panel firmware without physically accessing it (if the Wi-Fi module is present). The update can also be performed on site by the user via smartphone via Bluetooth 4.2.
- adjust maintenance interventions with notification to users.
- etc.

# PC BOARDS

## MANAGEABLE THROUGH COMPUTER, SMARTPHONE, WATCH series 3 or sup.



THE APP+ CARD ALLOWS THE APP TO IDENTIFY THE TYPE OF Pc board. THE APP SHOWN THESE SPECIFIC PARAMETERS FOR ITS CONFIGURATION						
CONTROL PANEL	L1	L1 24V	B2	B2 24V	P1	P1 24V
<b>INSTALLER / ADMINISTRATOR-OWNER / USER PARAMETERS</b>						
DISPLAY OF AVAILABLE PLANTS	●	●	●	●	●	●
OPEN-STOP-CLOSE BUTTON	●	●	●	●	●	●
PEDESTRIAN BUTTON	●	●	●	●	●	●
GATE CONTROL ACTIVATION WITH SMARTPHONE SHAKING (excludible) - Android only	●	●	●	●	●	●
GATE CONTROL ACTIVATION WITH THE APPROACHING OF THE SMARTPHONE TO THE GATE (excludible)	●	●	●	●	●	●
DISPLAY OF CYCLES EXECUTED	●	●	●	●	●	●
Pc board FIRMWARE UPDATE	●	●	●	●	●	●
<b>INSTALLER / ADMINISTRATOR-OWNER PARAMETERS</b>						
REMOTE CONTROLS ACTIVATION	●	●	●	●	●	●
TEMPORARY ACTIVATION OF USER REMOTE CONTROL (with clock module) AT SPECIFIC HOURS / DAYS	●	●	●	●	●	●
SMARTPHONE ACTIVATION	●	●	●	●	●	●
TEMPORARY ACTIVATION OF USER SMARTPHONE (with clock module) AT SPECIFIC HOURS / DAYS	●	●	●	●	●	●
WAITING TIME FOR AUTOMATIC TOTAL CLOSING	●	●	●	●	●	●
WAITING TIME FOR AUTOMATIC PEDESTRIAN CLOSING	●	●	●	●		
PEDESTRIAN OPENING TIME	●	●	●	●		
BUZZER	●	●	●	●	●	●
WARNING LIGHT "GATE/BARRIER OPENED"	●	●	●	●	●	●
FLASHER	●	●	●	●	●	●
PREFLASHING	●	●	●	●	●	●
"GATE OPENED" BLOCK	●	●	●	●	●	●
"ALWAYS CLOSE" COMMAND	●	WITH BATTERIES	●	WITH BATTERIES	●	WITH BATTERIES
DISPLAY CARD APP+/APP TYPE AND CONNECTED MODULES	●	●	●	●	●	●
DISPLAY CARD APP+/APP SERIAL NUMBER	●	●	●	●	●	●
DISPLAY CARD APP+/APP FW VERSION	●	●	●	●	●	●
DISPLAY CARD APP+/APP HW VERSION	●	●	●	●	●	●
DISPLAY Pc board SERIAL NUMBER	●	●	●	●	●	●
DISPLAY Pc board FW VERSION	●	●	●	●	●	●
DISPLAY Pc board HW VERSION	●	●	●	●	●	●
<b>INSTALLER PARAMETERS</b>						
FORCE (TORQUE)	●		●		●	
SPEED (RUN)		●		●		●
SPEED SLOWDOWN AT THE END OF OPENING					●	●
SPEED SLOWDOWN AT THE END OF CLOSING					●	●
SPEED SLOWDOWN AT THE END OF OPENING/CLOSING	●	●	●	●		
MOTOR 1 - SLOWDOWN SPACE AT THE END OF OPENING	●	●	●	●	●	●
MOTOR 1 - SLOWDOWN SPACE AT THE END OF CLOSING	●	●	●	●	●	●
MOTOR 2 - SLOWDOWN SPACE AT THE END OF OPENING			●	●		
MOTOR 2 - SLOWDOWN SPACE AT THE END OF CLOSING			●	●		



# PC BOARDS

## MANAGEABLE THROUGH COMPUTER, SMARTPHONE, WATCH series 3 or sup.

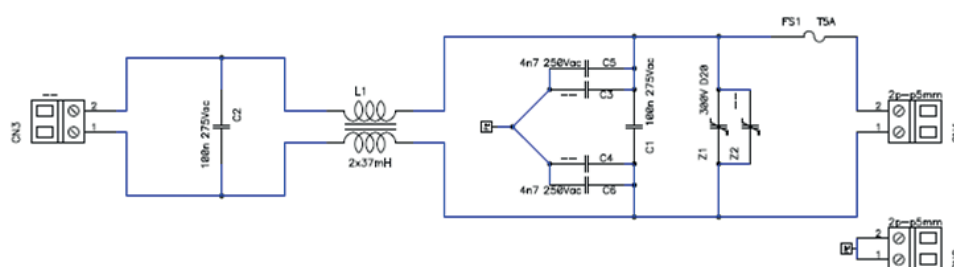


THE APP+ CARD ALLOWS THE APP TO IDENTIFY THE TYPE OF Pc board. THE APP SHOWN THESE SPECIFIC PARAMETERS FOR ITS CONFIGURATION						
CONTROL PANEL	L1	L1 24V	B2	B2 24V	P1	P1 24V
SENSITIVITY OF CURRENT SENSOR		●		●		●
PROGRAMMABLE AUXILIARY RELAY CONTACT	●	●	●	●	●	●
EDGE 1	●	●	●	●	●	
EDGE 2	●	●	●	●		
PHOTOCELL 1	●	●	●	●	●	●
PHOTOCELL 2	●	●	●	●	●	●
PHOTOCELLS AUTOTEST	●	●	●	●	●	●
CLOSURE AFTER THE TRANSIT OF THE VEHICLE "OK CLOSE"					●	●
TRAFFIC LIGHT CONTROL "TLC"					●	●
ELECTRIC LOCK			●	●		
GATE LOCK MAGNETS (AU VERSION)			●	●		
GATE LEAVES OPENING DELAY TIME			●	●		
GATE LEAVES CLOSING DELAY TIME			●	●		
CONTEMPORARY OPENING/CLOSING			●	●		
STOP COMMAND WITH BRIEF INVERSION	●	●	●	●	●	●
GRADUAL START	●	●				
ELECTRONIC BRAKE	●	●				
HELP TO RELEASE THE ELECTRIC LOCK			●	●		
ENERGY SAVING (ACCESSORIES OFF WITH GATE STILL)	●	●	●	●	●	●
LOCK / UNLOCK SETTINGS	●	●	●	●	●	●
LOCK / UNLOCK COMMANDS	●	●	●	●	●	●
"HOLD-TO-RUN CONTROL" WITH SAFETIES ENABLED	●	●	●	●	●	●
INDUSTRIAL MODE (OPEN COMMAND IMPULSIVE, CLOSE MAINTAINED)	●	●	●	●	●	●
SYNCHRONIZATION OF 2 PC BOARDS	●	●	●	●	●	●
"ALWAYS WORKS" MODE IN PRESENCE OF FAULTY SAFETY DEVICES	●	●	●	●	●	●
MAINTENANCE CYCLES (ESTABLISHED, TOTAL, PARTIAL)	●	●	●	●	●	●
SPEED CHANGE IN CASE OF OVERCURRED CYCLES	●	●	●	●	●	●
VISUALIZATION OF PLANTS AND MAINTENANCE LOGS REGISTER	●	●	●	●	●	●
MOTOR TYPE SELECTION	●	●	●	●	●	●
DEFAULT SETUP RESET (REMOTE CONTROLS EXCLUDED) AND PARTIAL SETUP RESET (ENGINE TIMES EXCLUDED)	●	●	●	●	●	●
TIMED OPERATION OR WITH ELECTRIC LIMIT SWITCHES			●			
SELECTION 1-2 ENGINES			●	●		
CONFIGURATION COPY FROM A PC BOARD TO ANOTHER	●	●	●	●	●	●
REMOTES COPY FROM A PC BOARD TO ANOTHER	●	●	●	●	●	●



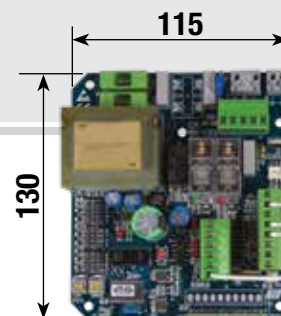
## ACG8092 SINGLE STAGE EMI FILTER

- 1-phase, max 5A 260V
- To be used to eliminate the return of strong electromagnetic interference and to ensure the correct operation of the system



ABK0006	<b>K-CRX</b> with plastic container
AC07068	<b>K-CRX</b> only pc board
AC07069	<b>K</b> only pc board

- automatic travel and operating time learning system with electric limit switches
- automatic closure for total and pedestrian opening
- pre-blinking
- electronic adjustment of the force
- electronic brake
- adjustable low speed in approaching
- gradual operation start
- radio command step by step (open - stop - close) or automatic (open - close)
- single command step by step (open - stop - close) or automatic (open - close)
- built-in radio receiver 433 MHz (only CRX version) for SUN transmitters
- pedestrian command
- pedestrian command by remote (only CRX version)
- safety strip self-test as required by EN12453
- built-in motor heater (with optional PROBE ACG4665)



Suitable for these 230V operators:  
K500 - K500 **FAST** - K800 - K1400 - K2200



Connectable to photocells - safety strips - blinker - key selector



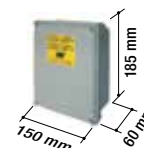
**ABJ8042 R-CRX 2.0** with plastic container  
**AC08042 R-CRX 2.0** only pc board



- adjustable or infinite operating time
- automatic closure
- pulsed or hold-to-run operations in open and/or close.
- directional open (with clock feature) and close commands
- stop command
- radio commands step by step (open - stop - close) or automatic (open - close)
- wired commands step by step (open - stop - close) or automatic (open - close)
- built-in radio receiver 433 MHz for SUN transmitters
- 1024 codes/remotes recordable

**Suitable for these 230V operators:**  
**JOLLY - JOLLY ONE - JOLLY BIG - BOY**

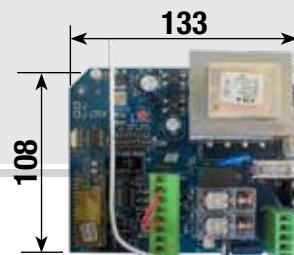
**ABJ8042:** It is supplied with a plastic container  
**IP 54**



**Connectable to photocells - key selector**



**ABJ7080 J-CRX** with plastic container  
**AC07080 J-CRX** only pc board  
**ABJ7081 J** with plastic container  
**AC07081 J** only pc board



- automatic travel and operating time learning system with electric limit switches
- automatic closure
- pre-blinking
- electronic adjustment of the force
- radio command step by step (open - stop - close) or automatic (open - close)
- single command step by step (open - stop - close) or automatic (open - close)
- built-in radio receiver 433 MHz (only CRX version) for SUN transmitters
- safety strip self-test as required by EN12453

**Suitable for these 230V operators:**  
**JOLLY - JOLLY ONE - JOLLY BIG - BOY**

**ABJ7080 and ABJ7081:** They are supplied with a  
**plastic container IP 54**



**Connectable to photocells - blinker - key selector - safety strips**





## AC07093 BOSS 24V CRX only pc board without transformer

- automatic travel and operating time learning system with electric limit switches
- impact sensor to detect obstacle
- automatic closure
- radio command to turn on the courtesy light
- easy release operation
- high speed adjustable
- low speed adjustable
- pre-blinking
- continuous operation during power failure (with optional batteries and batteries recharge card)
- radio command step by step (open - stop - close) or automatic (open - close)
- single command step by step (open - stop - close) or automatic (open - close)
- built-in radio receiver 433 MHz (only CRX version) for SUN transmitters
- safety strip self-test as required by EN12453



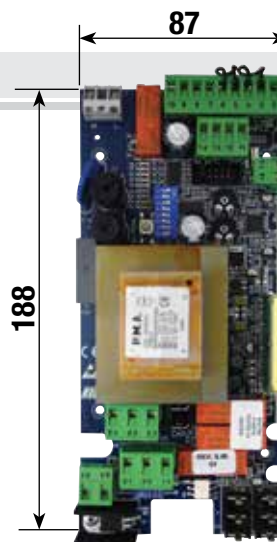
Pc board supplied with  
BOSS MASTER 24V

Connectable to photocells - safety strips - blinker - key selector



## AC07095 BOSS 230V CRX only pc board

- automatic travel and operating time learning system with electric limit switches
- impact sensor to detect obstacle
- automatic closure
- radio command to turn on the courtesy light
- easy release operation
- adjustable torque of the motor
- pre-blinking
- radio command step by step (open - stop - close) or automatic (open - close)
- single command step by step (open - stop - close) or automatic (open - close)
- built-in radio receiver 433 MHz (only CRX version) for SUN transmitters
- safety strip self-test as required by EN12453



Pc board supplied with  
BOSS MASTER 230V

Connectable to photocells - safety strips - blinker - key selector



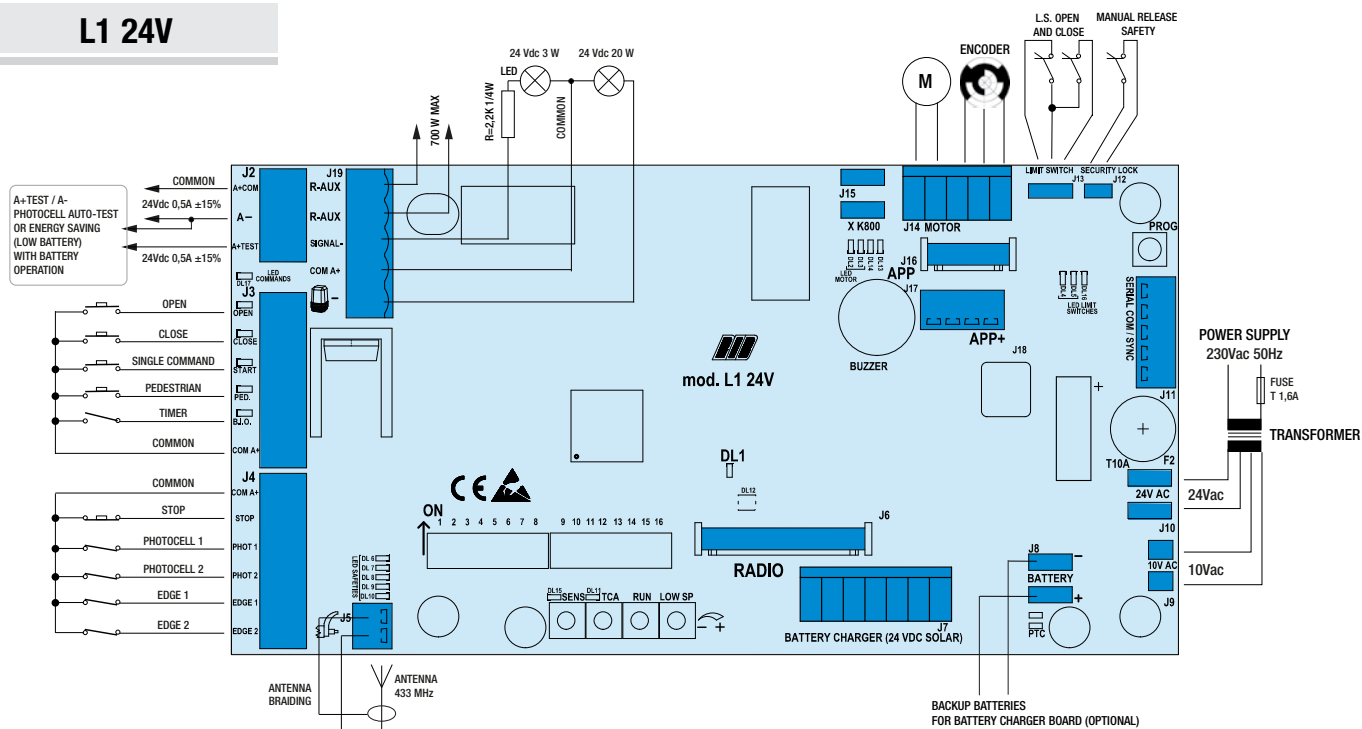
TABLE TO COMPARE FEATURES OF THE PC BOARDS	L1 24V-CRX	K-CRX	L1-CRX	B2 24V-CRX	B2-CRX	P1 24V-CRX	P1-CRX	J-CRX	R-CRX 2.0	BOSS 24V	BOSS 230V
Motor/s power supply	24V	230V	230V	24V	230V	24V	230V	230V	230V	24V	230V
Microprocessor autotest on the security entries	●	●	●	●	●	●	●	●	●	●	●
Photocells self-test	●	●	●	●	●	●	●	●		●	●
Control of impact sensor	●			●						●	
Control of Encoder	●		●		●	●				●	●
Control of electrical limit switches	●	●	●		●		●			●	●
Control of mechanical stoppers (time programming)				●	●	●					
Control of 1 motor	●	●	●	●	●	●	●	●	●	●	●
Control of 1 or 2 motors				●	●			●	●	●	●
Command Step by step or automatic by remote	●	●	●	●	●	●	●	●	●	●	●
OPEN/STOP/CLOSE separated button inputs	●		●	●	●	●	●		●		
Operation in PARK modality						●	●				
Electronic brake		●	●								
Gradual start	●	●	●	●							
Pedestrian access	●	●	●	●	●						
With radio receiver built inside	●	●	●	●	●	●	●	●	●	●	●
Buzzer output	●		●	●	●	●	●				
Blinker control	●	●	●	●	●	●	●	●		●	●
Pedestrian opening through second radio channel	●	●	●	●	●						
Activation of the pre-flashing time	●	●	●	●	●	●	●			●	●
Activation of the gate open indicator led	●	●	●	●	●						
Electronic adjustment of the force		●	●		●			●			●
Led to indicate the board's state	●	●	●	●	●	●	●	●	●	●	●
Slow speed in approach	●	●	●	●	●	●	●			●	●
Electromagnet management for barriers							OPT*				
Electric lock command - release operation - extra thrust to engage				●	●						
Hammering to ease manual release				●	●	●				●	●
Exclusion of photocells during opening	●	●	●	●	●	●	●	●	●	●	●
Immediate closure passing through the photocells during opening	●		●	●	●	●	●				
Control for security strips during opening and closing	●	●	●	●	●		●	●		●	●
Control to turn on the box lamp	●		●	●	●		●	●		●	●
Control for traffic lights						OPT*	OPT*				
Control of photocells and safety edges specific for opening and closing	●		●	●	●	●	●				
Control for battery recharge card	OPT			OPT		OPT				OPT	
Built-in heater	●	●	●	●	●	●	●				
Opening block through clock programmer	●	OPT	●	●	●	●	●	OPT	OPT		
OPT Optional											
OPT* = Available adding 1 Relay or 3 Relays cards											

# PC BOARDS MANAGEABLE THROUGH COMPUTER, SMARTPHONE, WATCH series 3 or sup.

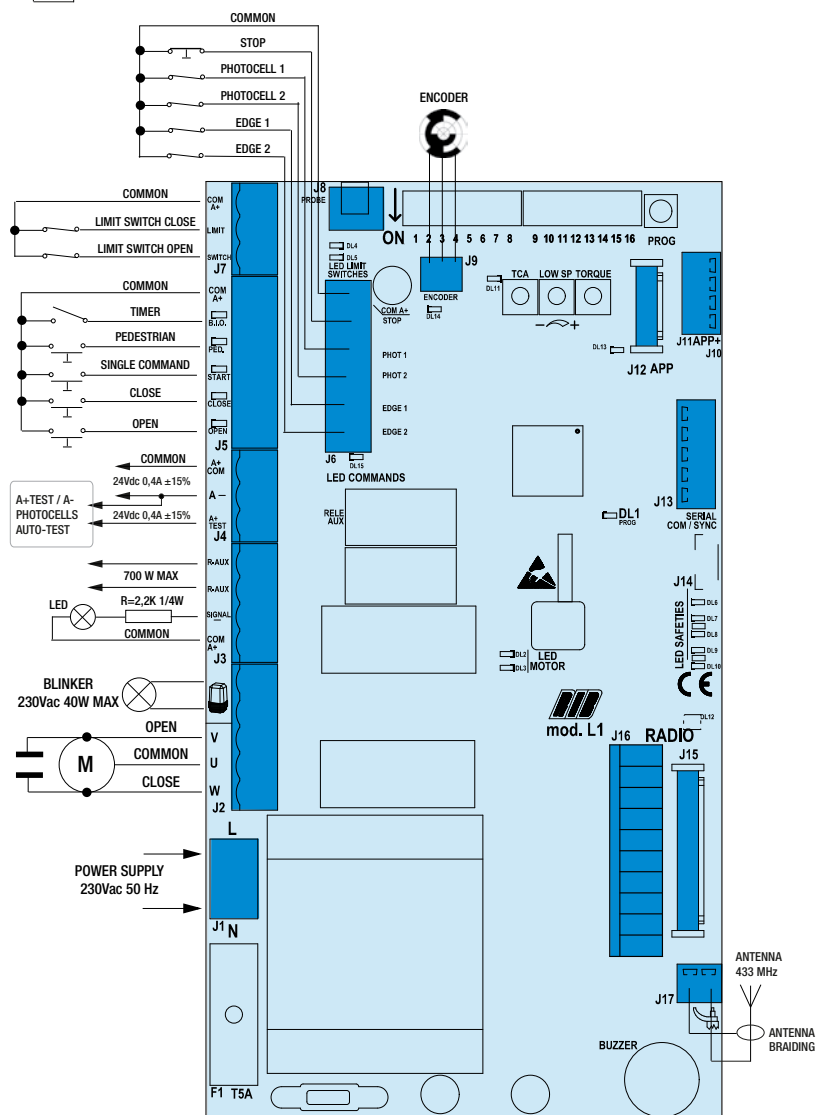
## WIRING DIAGRAMS



### L1 24V



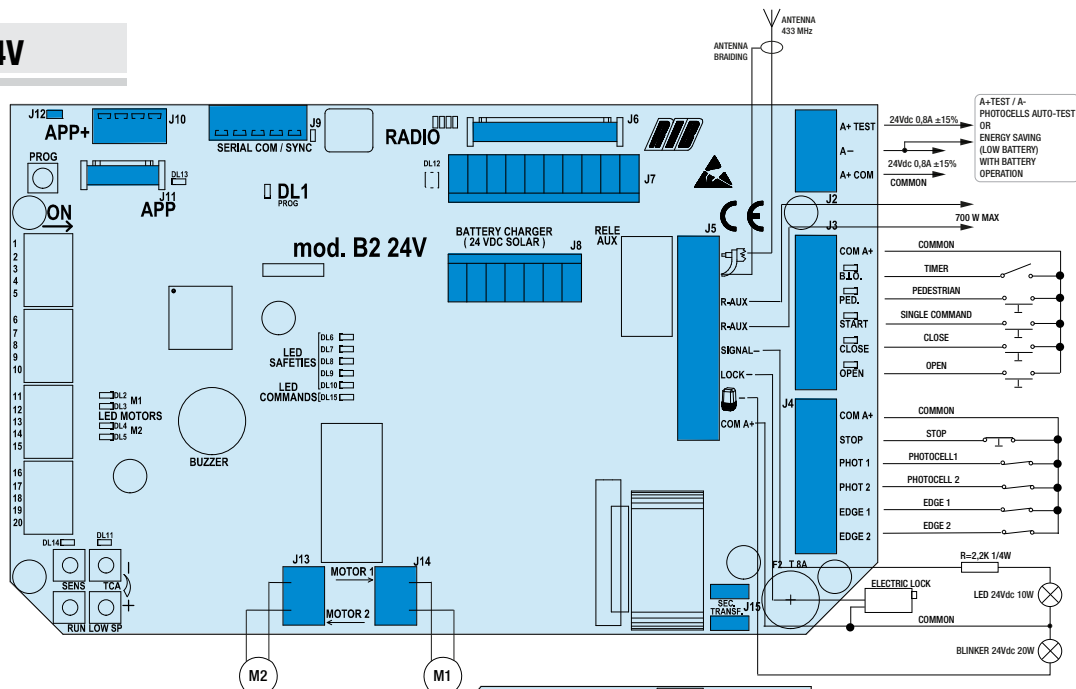
### L1



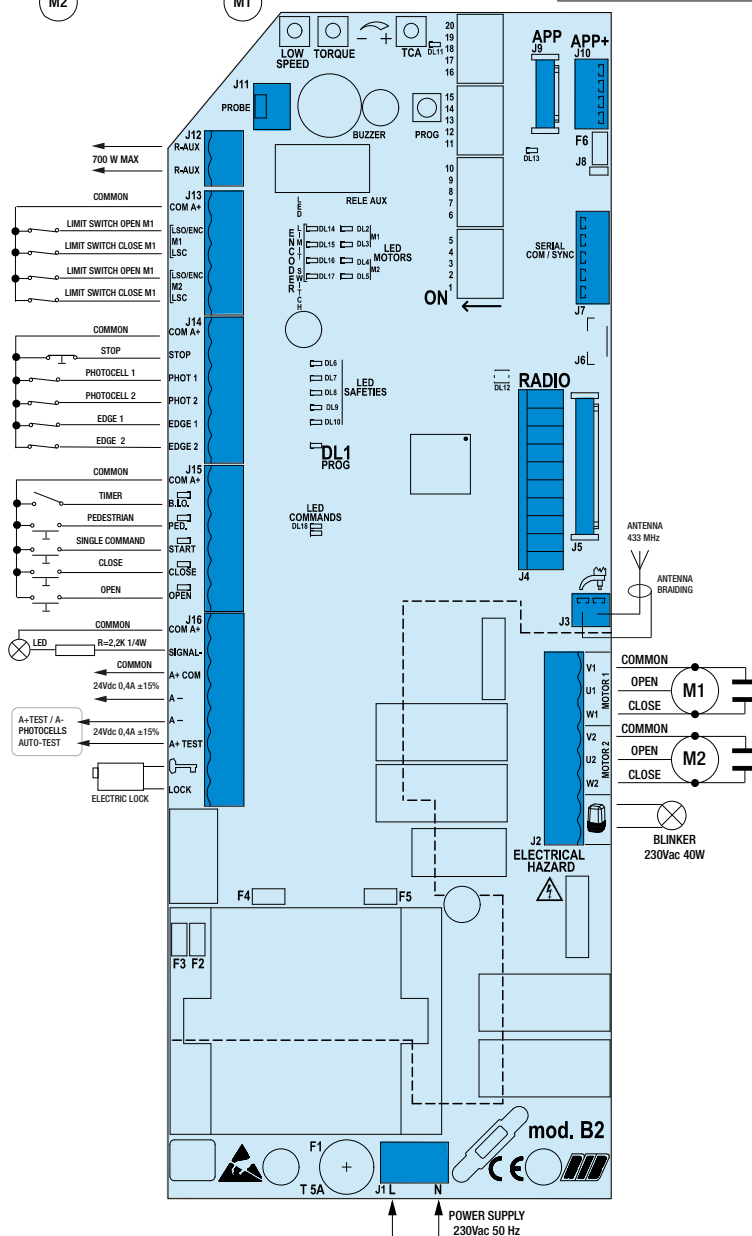
## WIRING DIAGRAMS



### B2 24V



### B2

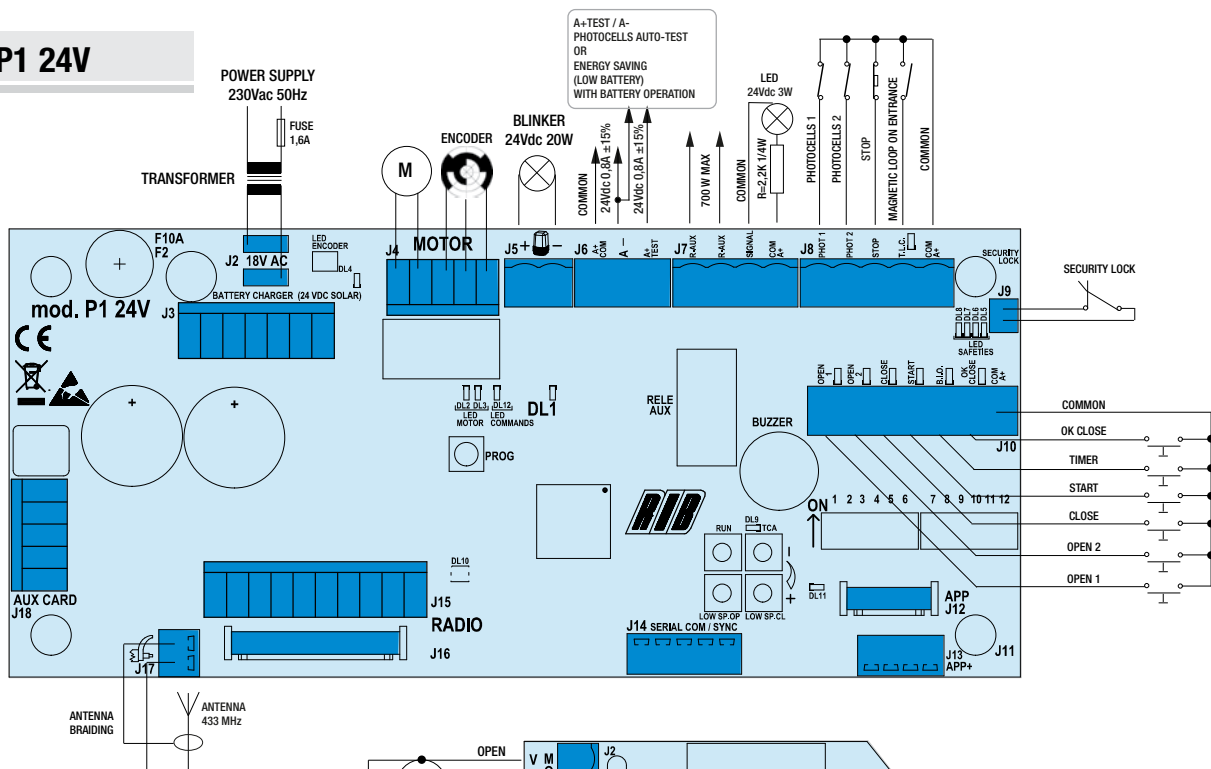


# PC BOARDS MANAGEABLE THROUGH COMPUTER, SMARTPHONE, WATCH series 3 or sup.

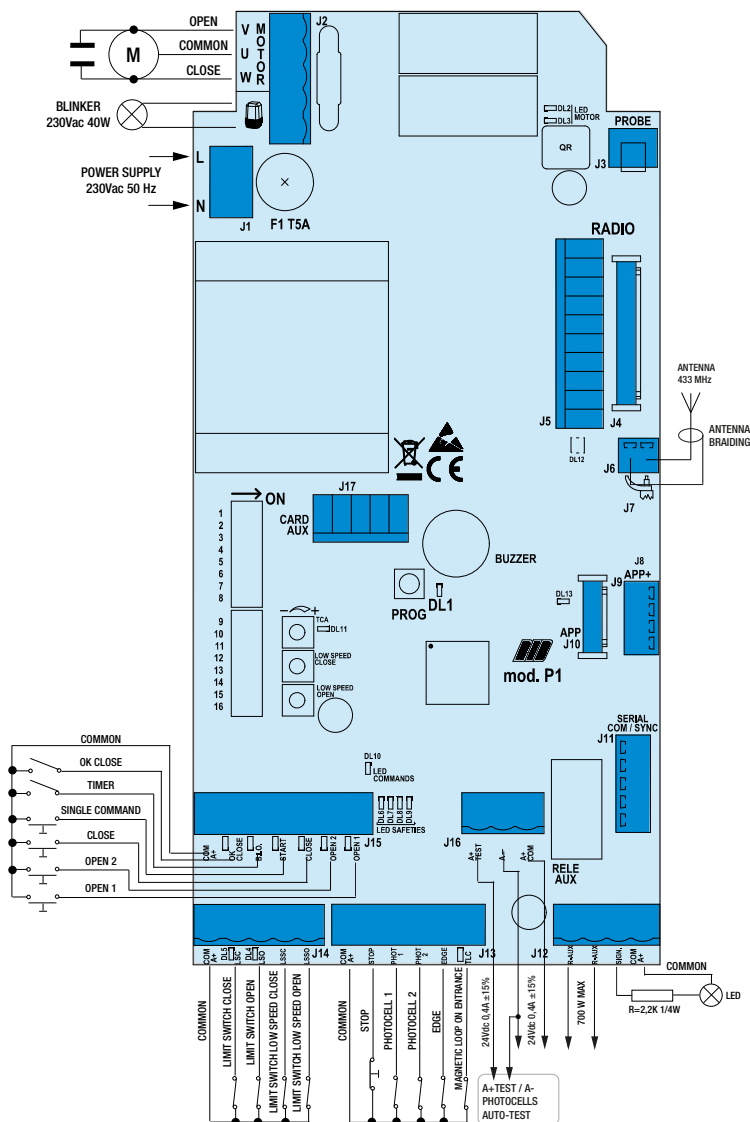
## WIRING DIAGRAMS



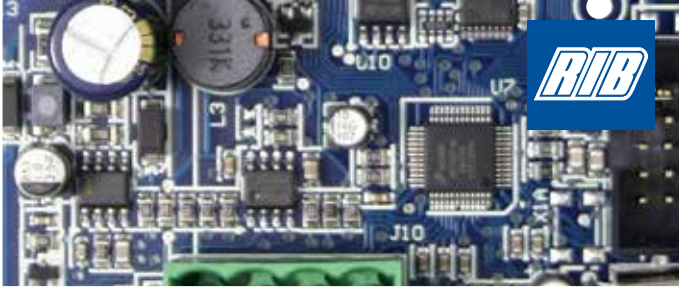
### P1 24V



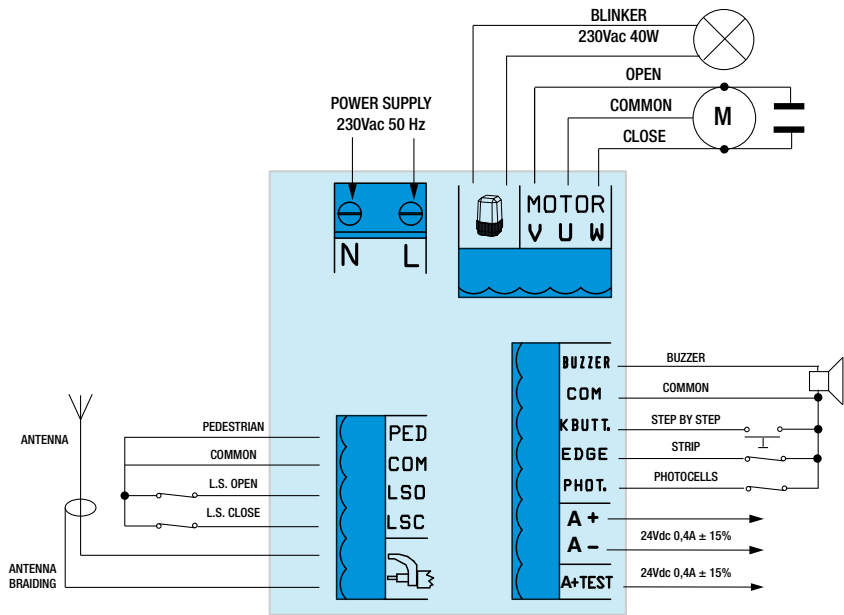
### P1



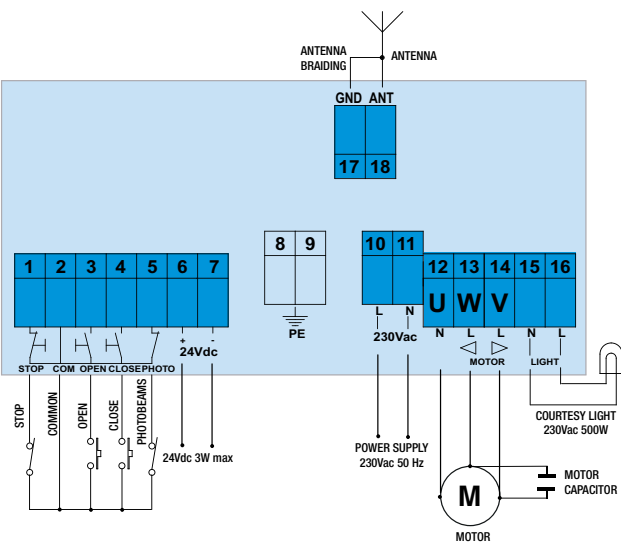




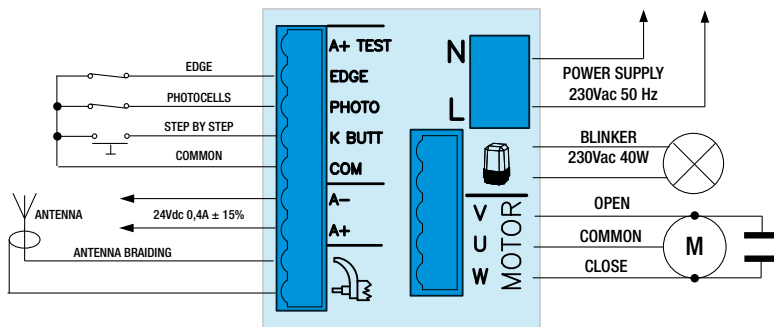
K-CRX

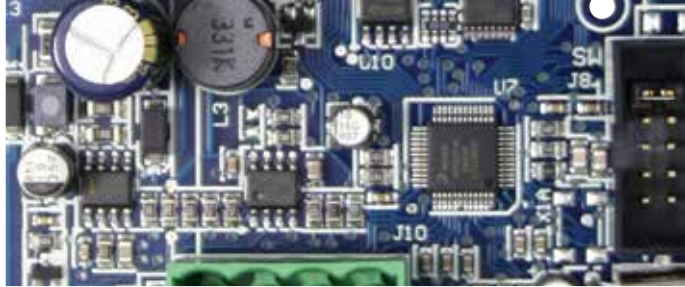


R-CRX 2.0

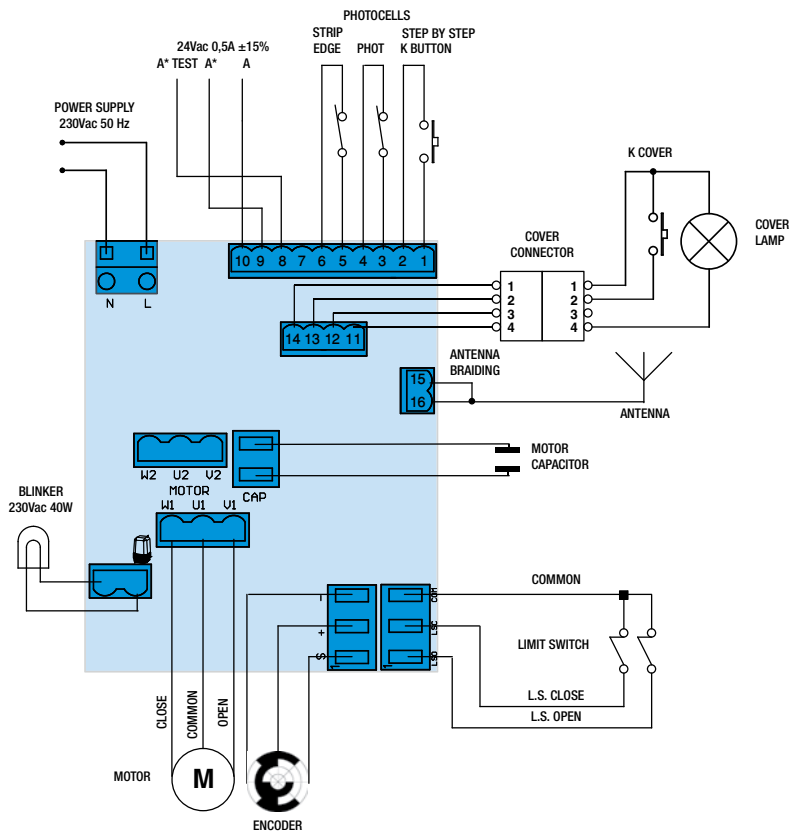


J-CRX





BOSS 230V-CRX



BOSS 24V-CRX

