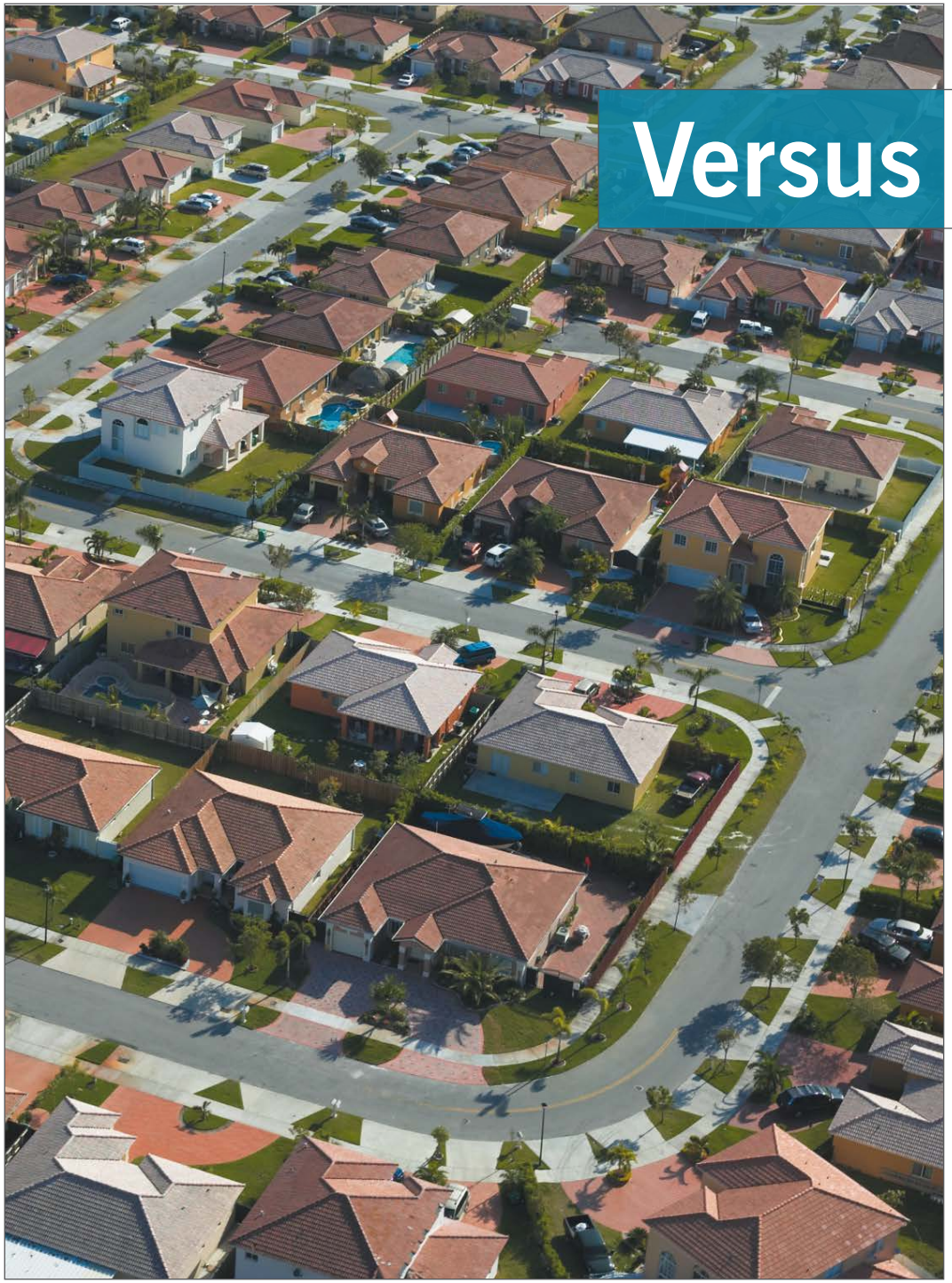


Versus

New control units platform

selling points

jcmtechnologies

Be a step ahead with technology and imagination

JCM is presenting a generation of control panels with technology adaptable to your requirements. With this new range you configure the panel, both software and hardware, with a view to not having more features than those necessary, thereby satisfying the “value for money” concept without ceasing to apply all the technology and imagination.

IN ACCORDANCE WITH EUROPEAN STANDARDS

A new generation of control panels designed and prepared to meet the requirements of standard EN 13241-1 for industrial, commercial and garage doors and gates, with particular emphasis on safe motorized operation, the object of European standard EN 12453.

DESIGN

New range of control panels created to adapt as well as possible to the needs of each installation. The range has been designed, following the modularity concept, allowing the control panel to be personalised from packaging to software, involving all aspects such as a courtesy light, the external pushbuttons, the isolator, the emergency stop button, the wall installation support, the screws, the hinges, the languages of the installation manual... and other features such as the personalisation of entries and exits.

VERSATILE PANELS

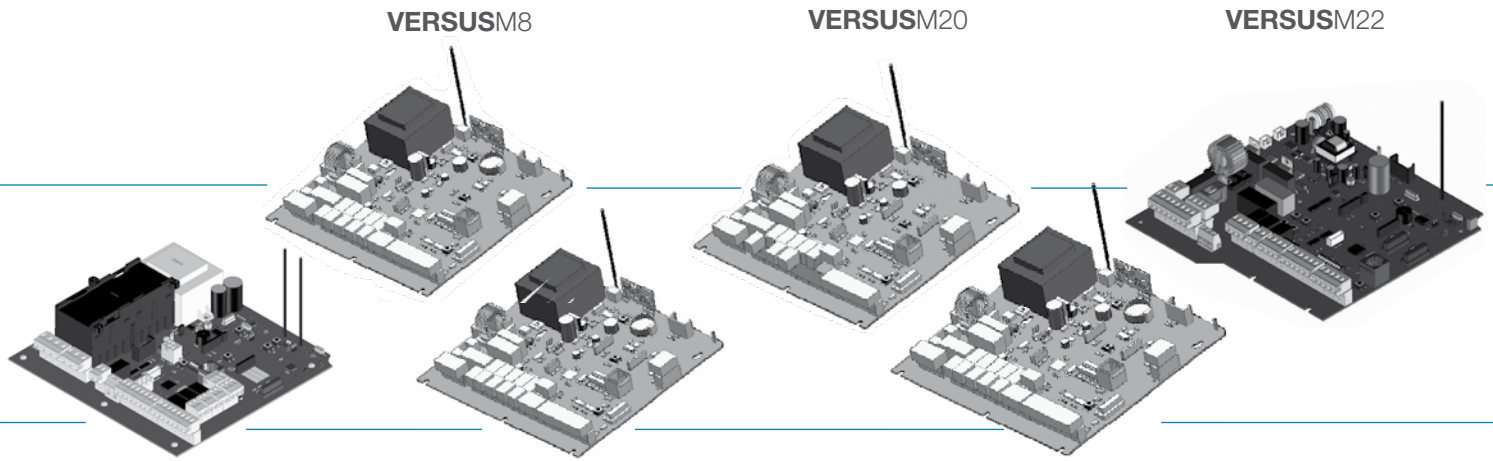
“Make your own style” concept, a totally personalised panel in accordance with the needs of the client. All the options and functions of the panel can be configured and modified using JCM (agreed standard software) and then altered afterwards via radio, by proximity, by way of a cable or directly at the board at the client’s house or at the installation.

OPTIMUM RELIABILITY

The new range of JCM control panels meets the need of maximum flexibility and product optimization which our clients increasingly require, without forgetting the quality and innovation which characterises us.

SAVING TIME AND MORE PRECISION

New configuring plug-in cards in all the models (potentiometer card, display card and LCD card) in addition to the digital programming already used. The display card shows at all times the panel status and is visible from the exterior with the cover closed. They also incorporate new functions such as parameter lock with a password, notification of maintenance, control of accessory consumption and motor stop detection by mechanical stop. The new VERSUSProg programming tool allows the remote adjustment of the parameters of the panel and without the need for wiring.



You may simply acquire the control panel in electronic circuit format and place it in its own box for control panels.

Or you can request it in our boxes designed especially for this series of control panels.

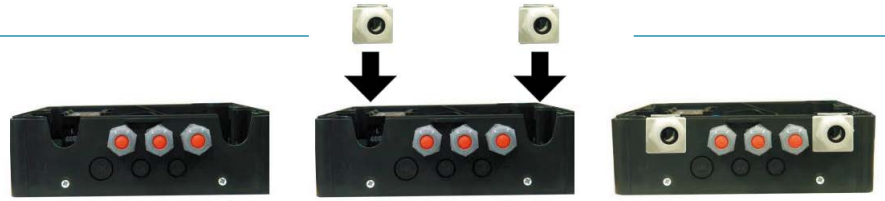
Now if you wish you can ask for the control panel to incorporate courtesy light or flash.

However, perhaps you'd prefer it to have buttons and not light.
Do you prefer backlit buttons?
... ask for them!

Though you may also wish to have buttons and light. And you can even ask for it with a padlock.

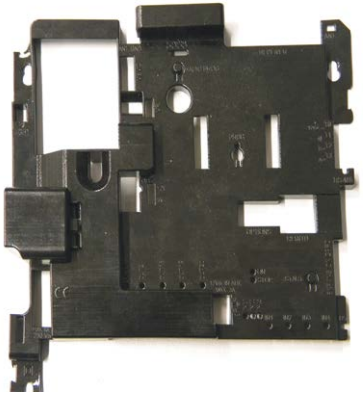
You can also ask for a seal or rubber cones, 16 / 20 metrics, both on the lower and the upper part or on the lateral.

Another of the options you can choose is the use of an isolator (only in the middle-sized box version) and a stop switch on the front... always in line with your requirements.

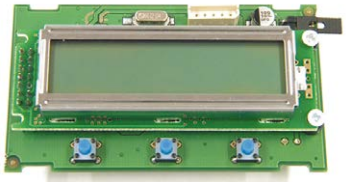


Extractable stuffing boxes on the lower part of the industrial control panel.

As regards the internal part of the box, there too we will also find the flexibility to become "cost-effective".
Do you want just the board, or should we put a protective cover on the electronic circuit?



And what type of programming are you going to carry out?
Directly onto the board?
By way of potentiometers?
Or using the Digital Display?
Or using a digital screen?



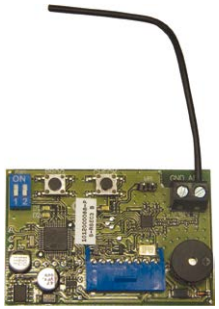
V-LCD

V-Dplay

V-Pot

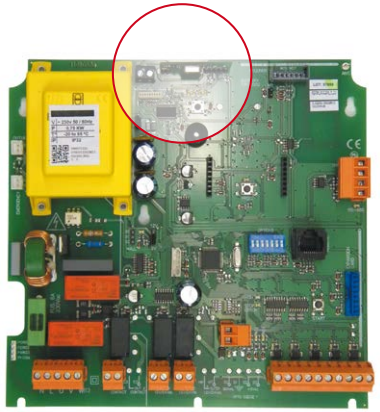
And do you want us to provide the panel with the expansion card included or with the RSEC/R radio-security card?
Or without a card?.... tell us how!

RSEC/R



RSEC3

Remember that the industrial control panel has the RSEC3 card builtin!



Although the board already includes 27 radio codes as standard, we also give you the option of expanding the number of codes to 500 users... using the MEM500 memory card.
You can manage installations with the Soft-Assistant programming tool.

- This new range of panels has also considered aspects like packaging, the instructions manual or labels.

- As regards the instructions manual, the number of languages and languages it is wished to include in each control panel can be pre-established, as well as defining the labels which it is wished to place on the packaging and their information.

- However, the panel modularity, as we have already mentioned, is not limited to hardware. This new range can also be used with parameters defined for each input and output and then they can be configured in line with the needs of the application.

- Said modification to the configuration can be undertaken directly on the board by way of the display module or the programming tool (**VERSUS**Prog).

- If it is carried out by way of the Display, this can be extracted from the board once the configuration has been completed and the parameters selected will remain in the panel memory.

- If it is carried out by way of **VERSUS**Prog, it can be undertaken via a cable connection or by radio, and even by proximity, without the control panel having to be connected to the current, making it a very useful tool for distributors who, without having to remove the control panel from the packaging, can record the personalized software of each client at their warehouse.

What else is there to tell you?

- That the electronic circuit board is secured to the control panel box for **speedy substitution in the case of Technical assistance**?

- That the panel has been designed in order to house the cable input both via the upper and lower part, making it a **reversible panel**?

- That it is **multientry** and cable can enter from above, below or from the side?

- That it is an **ambidextrous** control panel which allows the opening thereof right or left?

- That, if you so wish, we can deliver it with a **spare fuse**?

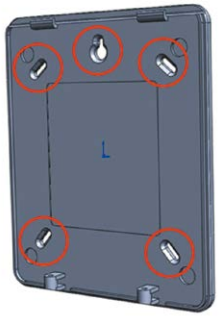
- That it can **expand the power** of the panel? Change the radio from **868MHz to 433MHz**?

- That if the panel performance is not sufficient for you, you can expand it using the **expansion cards**?

- Each input and output is fitted with a **LED** status indicator but if this is not enough, on the display option you can see the door status by way of the **7 segments display**. **(V-Dplay)**.

Another option to to bear in mind is the ease of installation.
This is why we have developed a pre-installation wall support... as an option, of course!

By the way, do you want hinges on the cover or should we provide it without any?

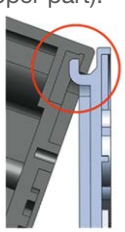


1

Secure support to the wall.

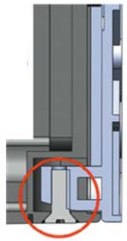
2

Hang panel (upper part).



3

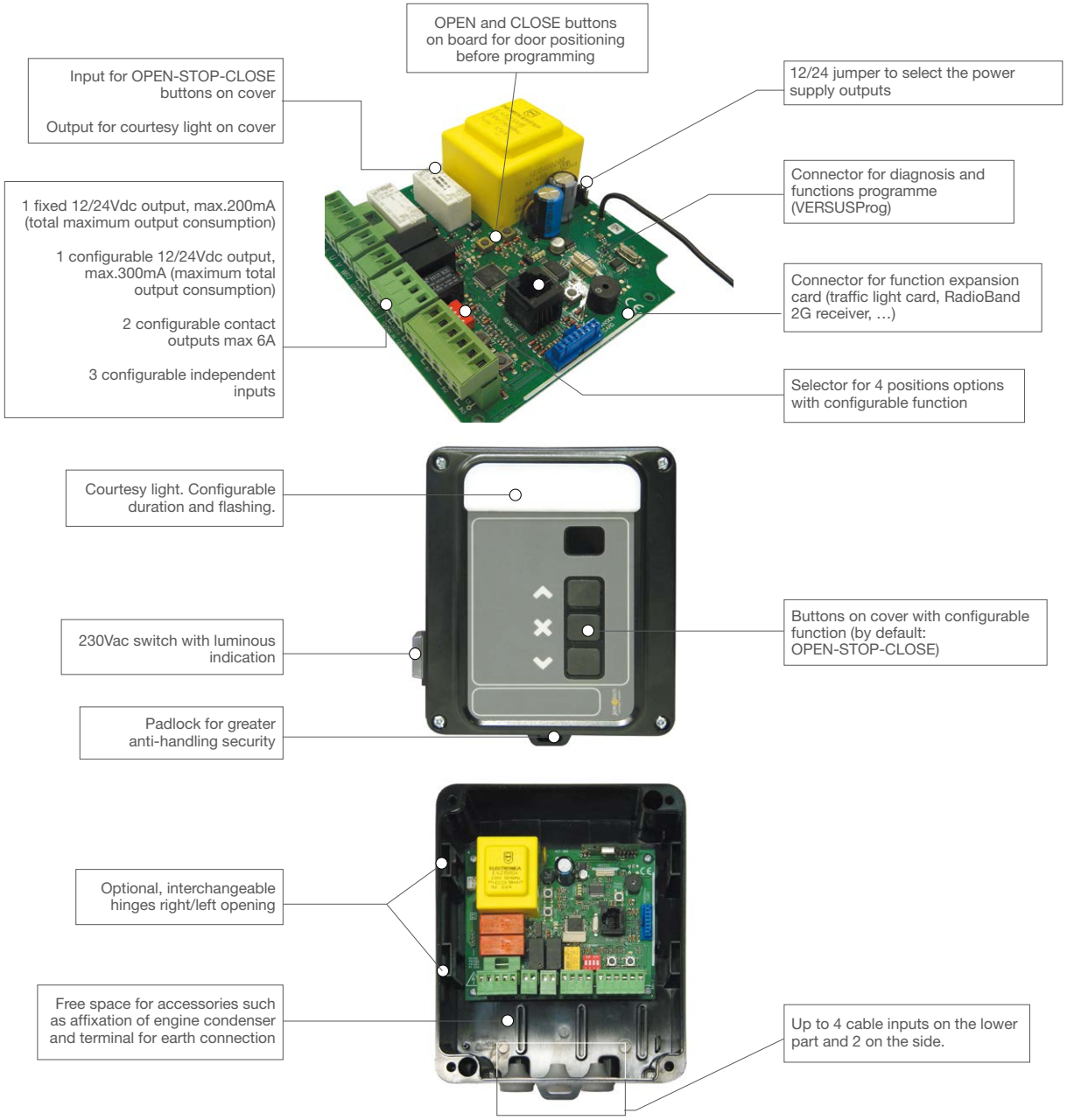
Secure the interior screws.



The panel can be installed in any position owing to the versatility of its components.
(Option valid only with V-Dplay)

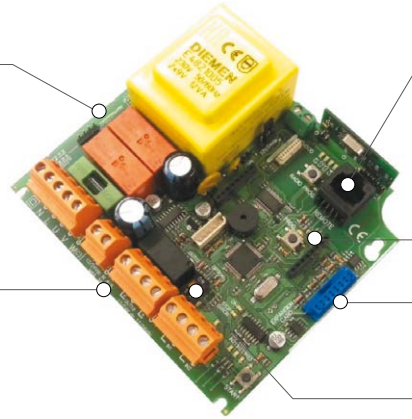
VERSUSM8

- Panels to control single phase engines.
- Power supply/Max. Pow. 230V/1CV (0.75kW) or 1,2 kW engine, single phase.
- Activation of engine by relay, without engine power regulation nor smooth stoppage.
- 868MHz receiver, 27 codes incorporated with possibility of expansion to 500 codes.
- PROG and START buttons on board for adjustment of automatic waiting time and independent open/close operation.
- Red luminous indicator.
- Active entry indicator.
- Status indicator by way of ERROR LED
- Detection of engine stoppage by limit switch or by mechanical buffer detection.
- Operating failure detection.
- Memory for 10 errors. These can be consulted using the VERSUS Prog programming tool.



VERSUSM10

- Panels to control single phase engines.
- Power supply/ Max. Power 230V/1CV (0.75kW) monophase motor.
- Activation of motor by relays without regulation of motor power nor soft stop.
- 868MHz receiver, 27 codes incorporated with the possibility of expansion to 500 codes.
- PROG and START buttons on board for adjustment of automatic waiting time and independent open/close operation.
- Compatible with display and potentiometer card.
- Luminous mains indicator.
- Active entry-exit indicator.
- Status indicator by way of ERROR LED or display cards.
- Detection of motor stop owing to limit switch or owing to detection of mechanical stop.
- Detection of operating faults.
- Control meter for maintenance notification.
- Memory for 10 errors. These can be consulted using the VERSUSProg programming tool or display card.
- DC input to add power to the 12/24Vdc outputs, in the event of excessive consumption at any of them.



Input for OPEN-STOP-CLOSE buttons on cover

Output for courtesy light on cover

1 fixed 12/24Vdc output, max.200mA (total maximum output consumption)

1 configurable 12/24Vdc output, max.200mA (total maximum output consumption)

2 independent configurable inputs

Connector for functions and diagnosis programmer (VERSUSProg)

Connector for functions expansion card (T-L card, RadioBand 2G receiver ...)

2-position options selector with configurable function

Courtesy light. Configurable duration and flashing

With Display card, viewing of operating status and parameter configuration

230Vac switch with luminous indication

Buttons on cover with configurable function (by default: OPEN-STOP-CLOSE)

Anti-manipulation padlock for greater security

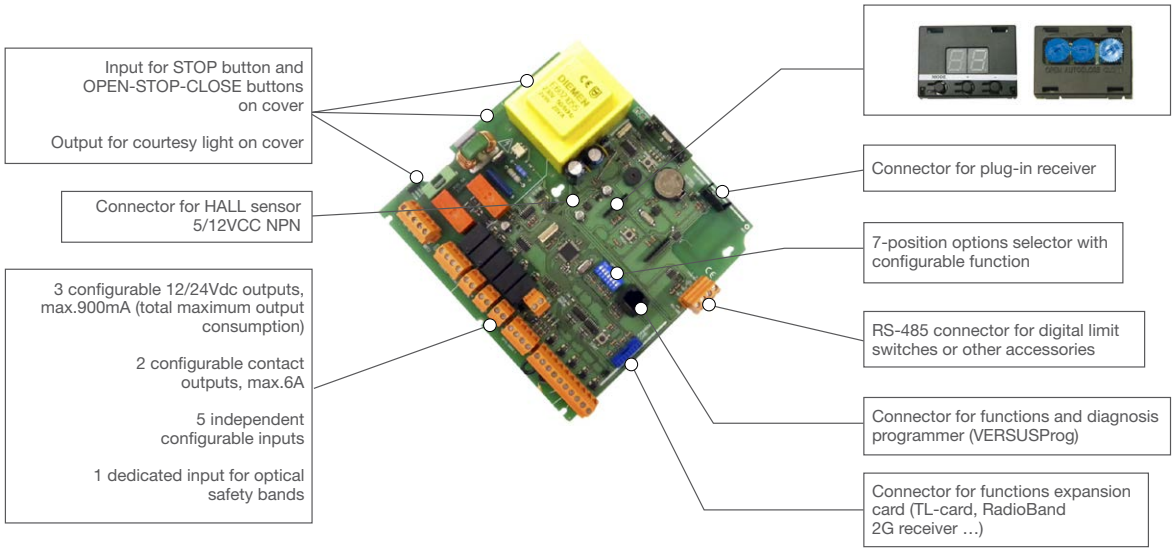
Optional, interchangeable hinges, right/left opening

Free space for accessories like securing of motor condenser and terminal for earth connection

Up to 4 cable inputs on the lower part and 2 on the side.

VERSUSM30

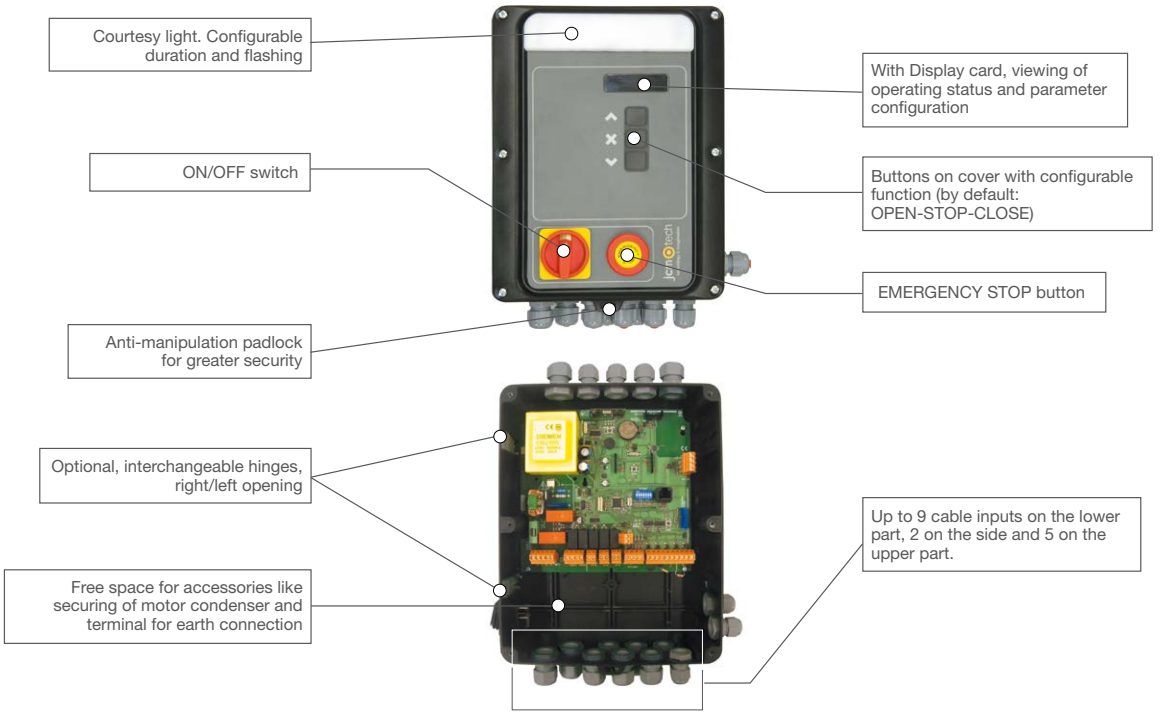
- Control panels for control of monophase motors.
- Power supply/ Max. Power 230V/1CV (0.75kW) monophase motor.
- Activation of motor by relays with regulation of motor power and soft stop.
- 868MHz receiver, 27 codes incorporated with the possibility of expansion to 500 codes.
- PROG and START buttons on board for adjustment of automatic waiting time and independent open/close operation.
- Compatible with potentiometer, display and LCD card.
- Luminous mains indicator.
- Active entry-exit indicator.
- Status indicator by way of ERROR LED or display cards.
- Detection of motor stop owing to limit switch or owing to detection of mechanical stop.
- Detection of operating faults.
- Control meter for maintenance notification.
- Memory for 10 errors with date and time. These can be consulted using the VERSUSProg programming tool or display card and LCD.
- Accessory consumption control.
- DC input to add power to the 12/24Vdc outputs, in the event of excessive consumption at any of them.



VERSUSM20

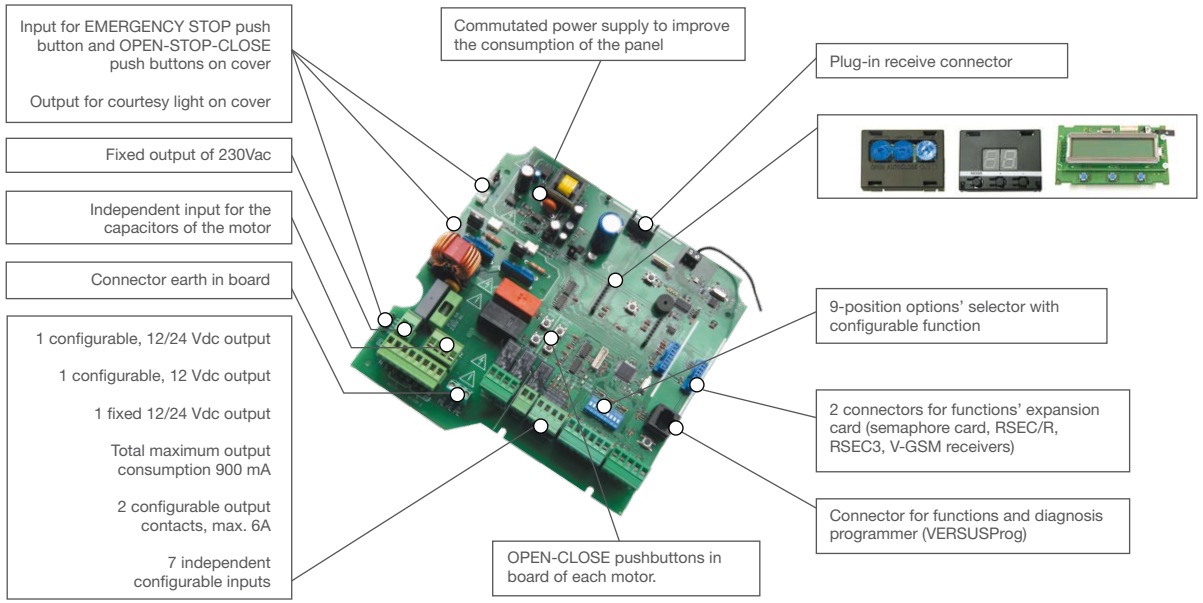
Idem as for VERSUSM30 with the following differences:

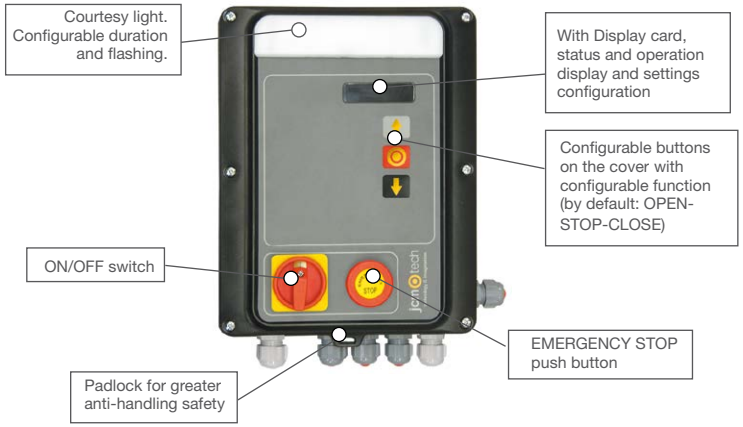
- Memory for 10 errors without date and time.
- These can be consulted using the VERSUSProg programming tool or LCD and display card.
- Without accessory consumption control.
- 2 configurable 12/24Vdc outputs, max.600mA (total maximum output consumption).
- 1 configurable input, max.6A.
- Without dedicated input for optical safety bands.

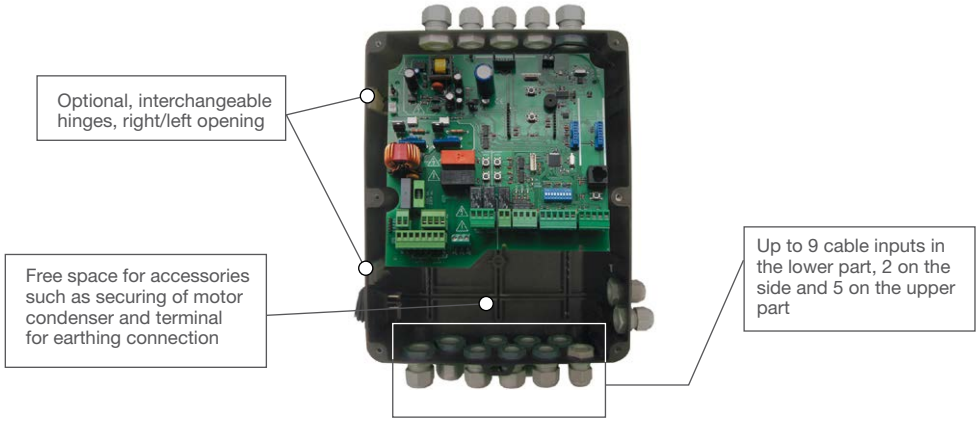


VERSUSM22

- Control panels for single-phase motor controls.
- Power/Max.Power 230V/2CV (0.75kW) single-phase motor.
- Motor drive by relays with motor power regulation and soft stop.
- 868 MHz receiver, 27 codes incorporated with the possibility of expansion to 500 codes.
- PROG and START push buttons on panel to regulate automatic waiting time and independent open/close function.
- Compatible with potentiometer card, display and LCD.
- Luminous network indicator
- Active input indicator
- Status indicator by means of ERROR LED or display cards.
- Operating fault detection.
- Operating counter for maintenance notification.

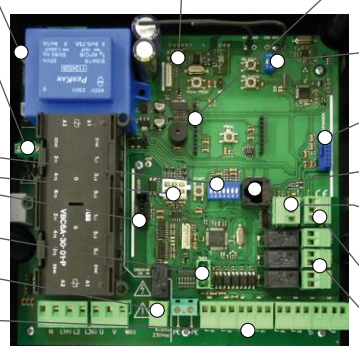






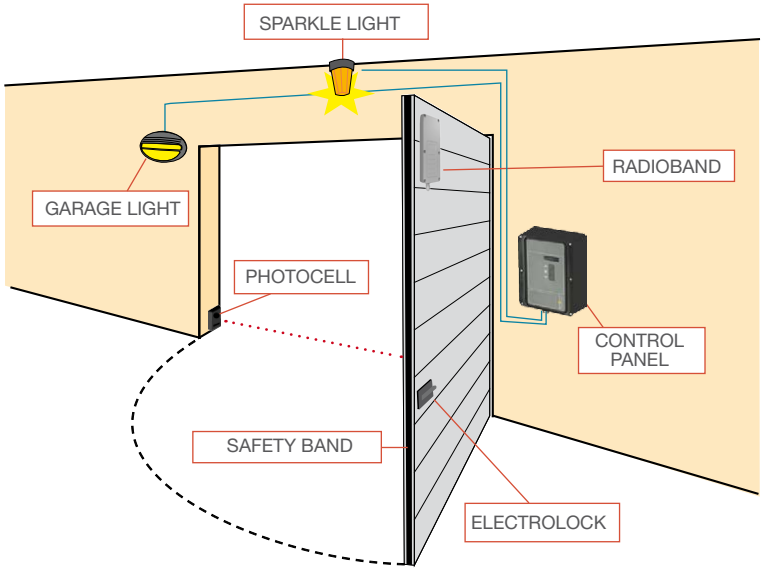
VERSUSl30

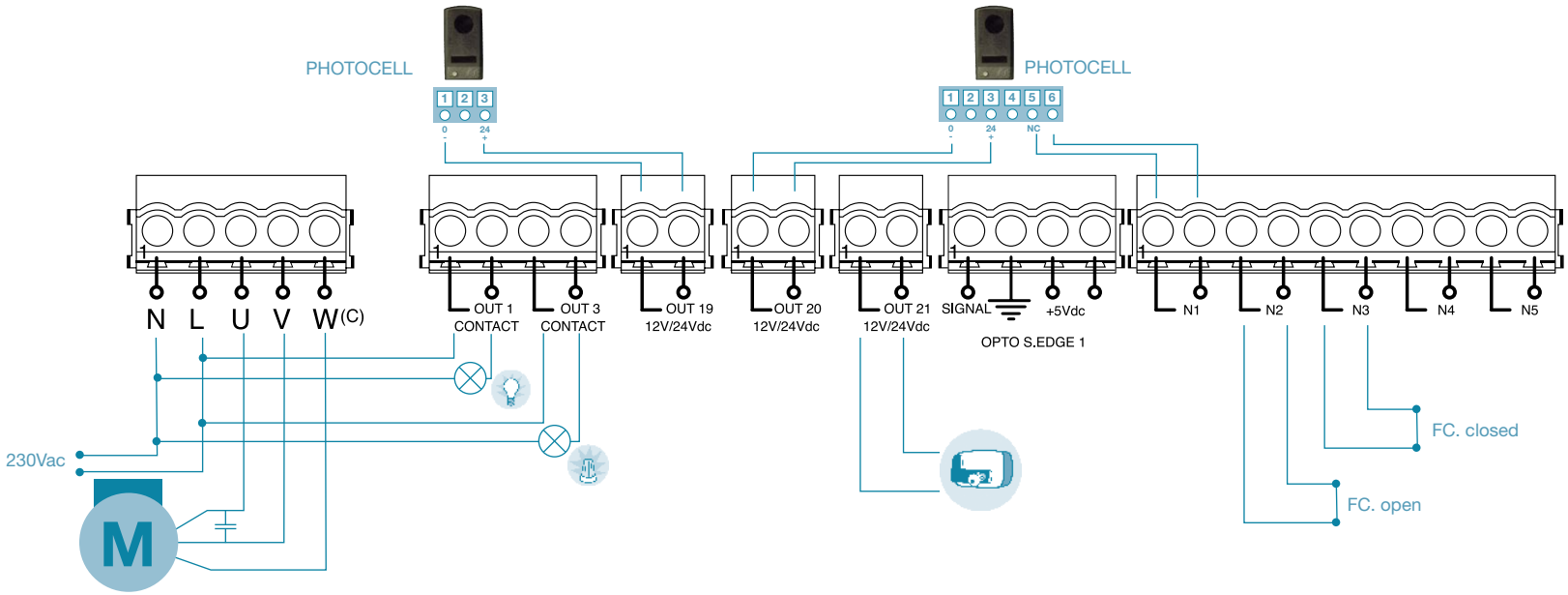
- Three-phase motor control panels.
- Maximum motor power 230V/0.75KW or 1.25KW and 400V/2.2KW.
- Switch-activated motor with no regulation of motor power.
- 868MHz receiver, 27 codes incorporated with the possibility of expansion to 500 codes.
- PROG and START buttons on board for adjustment of automatic waiting time and independent open/close operation.
- Compatible with potentiometer, display and LCD card.
- Compatible with ELEKTROMATEN and KOSTAL digital end limit switches.
- Luminous mains indicator.
- Active entry-exit indicator.
- Status indicator by way of ERROR LED or display cards.
- Detection of operating faults.
- Control meter for maintenance notification.
- Memory for 10 errors with date and time. These can be consulted using the VERSUSProg programming tool or display card and LCD.



COMMUNITY GARAGE FOLDING DOOR WITH SAFETY BAND AND PHOTOCELL

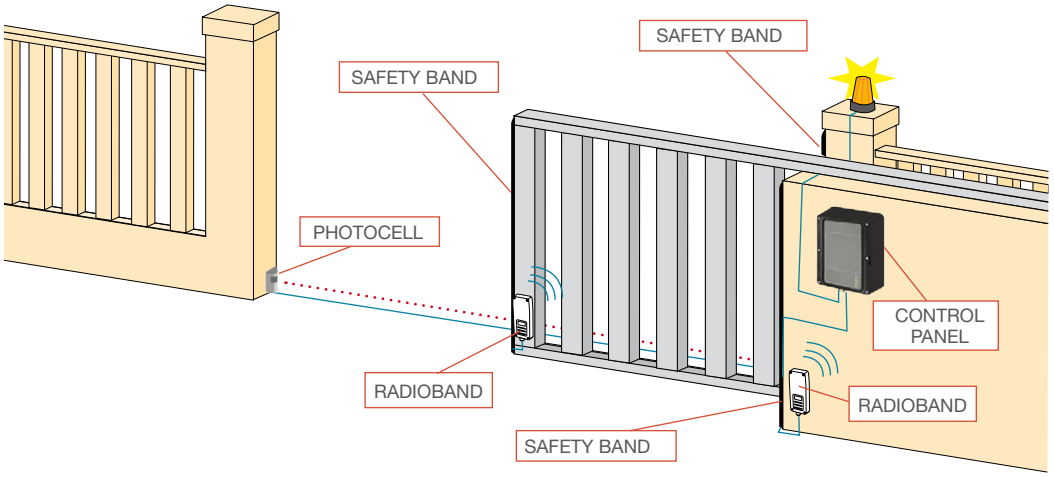
VERSUSM30 **control panel with buttons on cover, sparkle, garage light and electrolock. With RSEC**/R **radio security for RadioBand system.**

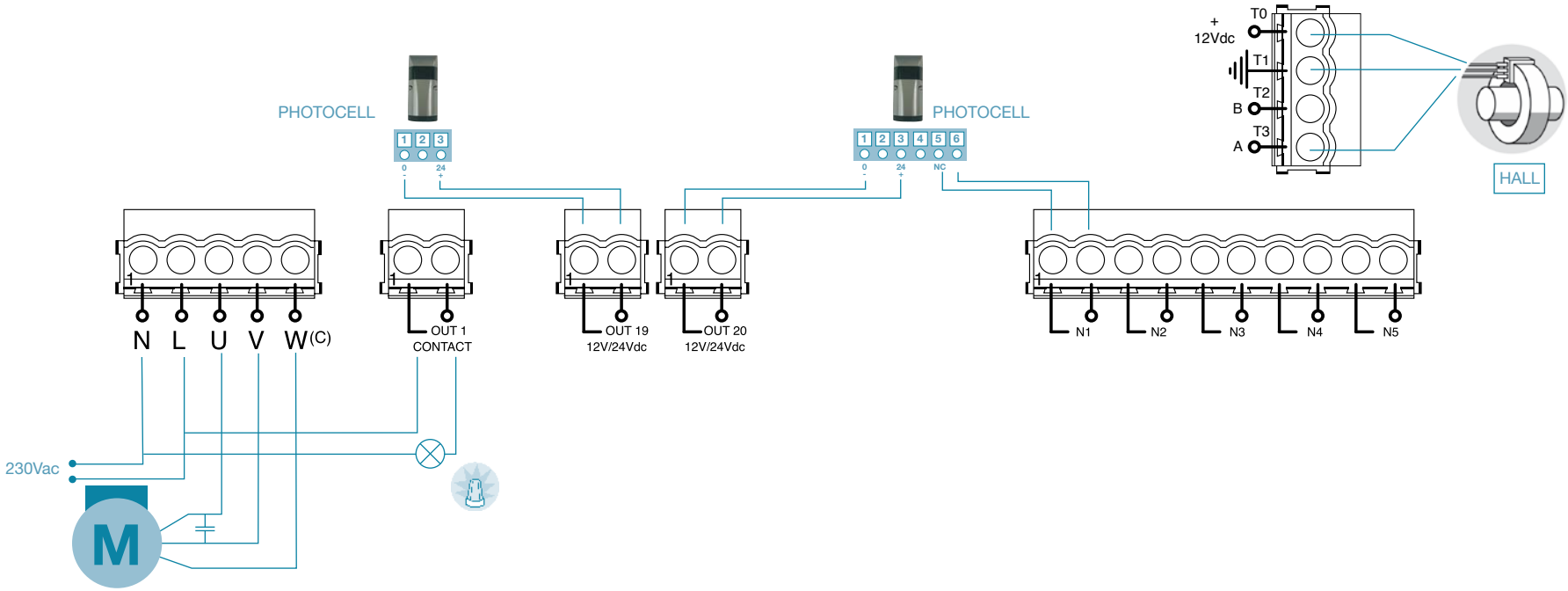




GATE WITH SAFETY BANDS AND PHOTOCELLS

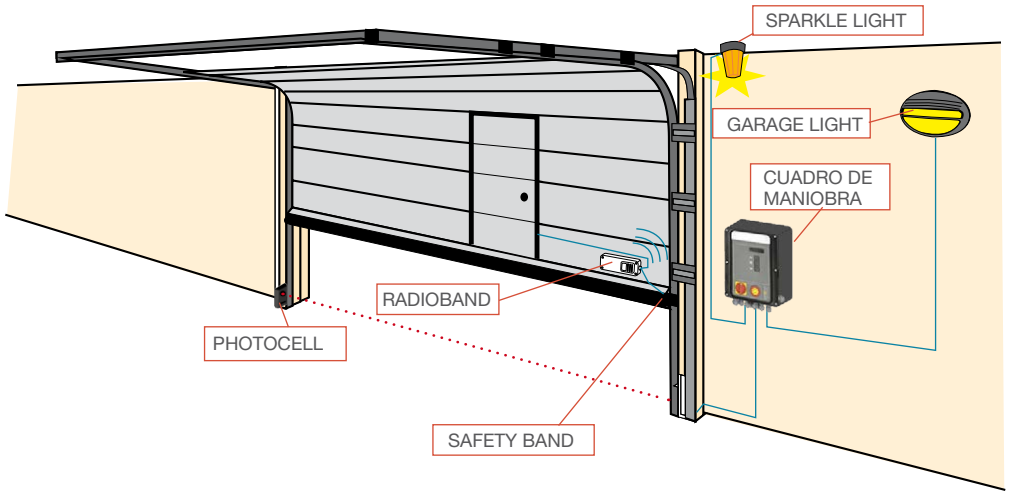
VERSUSM20 **control panel with sparkle and RSEC**/R **radio security card for RadioBand system.**

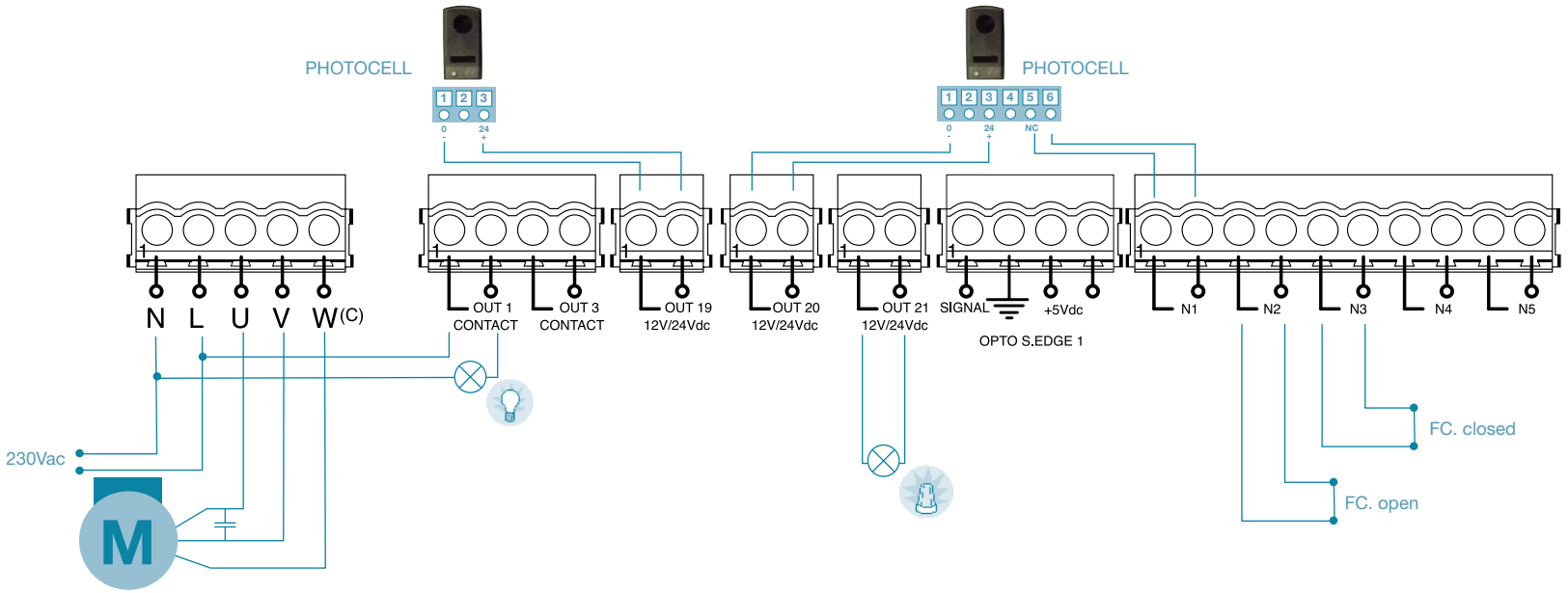




SECTIONAL GARAGE DOOR WITH SAFETY BAND AND PHOTOCELL

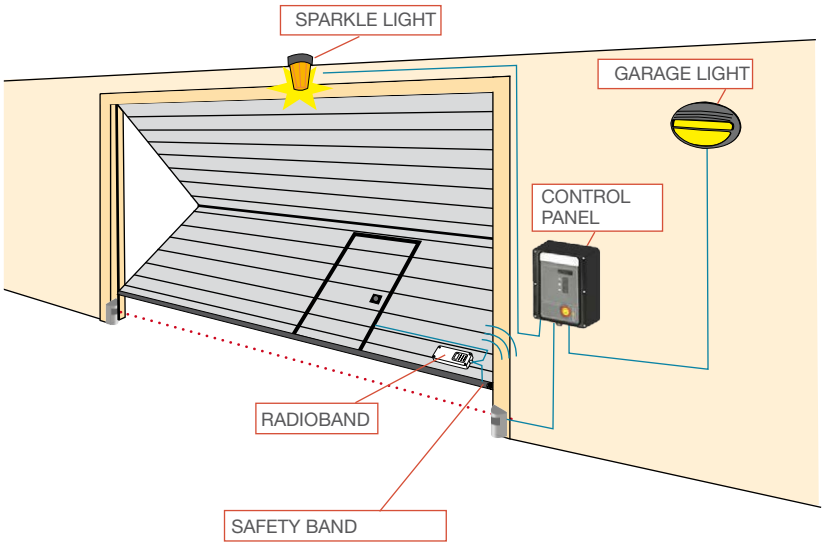
VERSUSM30 **control panel with sparkle, garage light and RSEC**/R **radio security card for RadioBand system.**

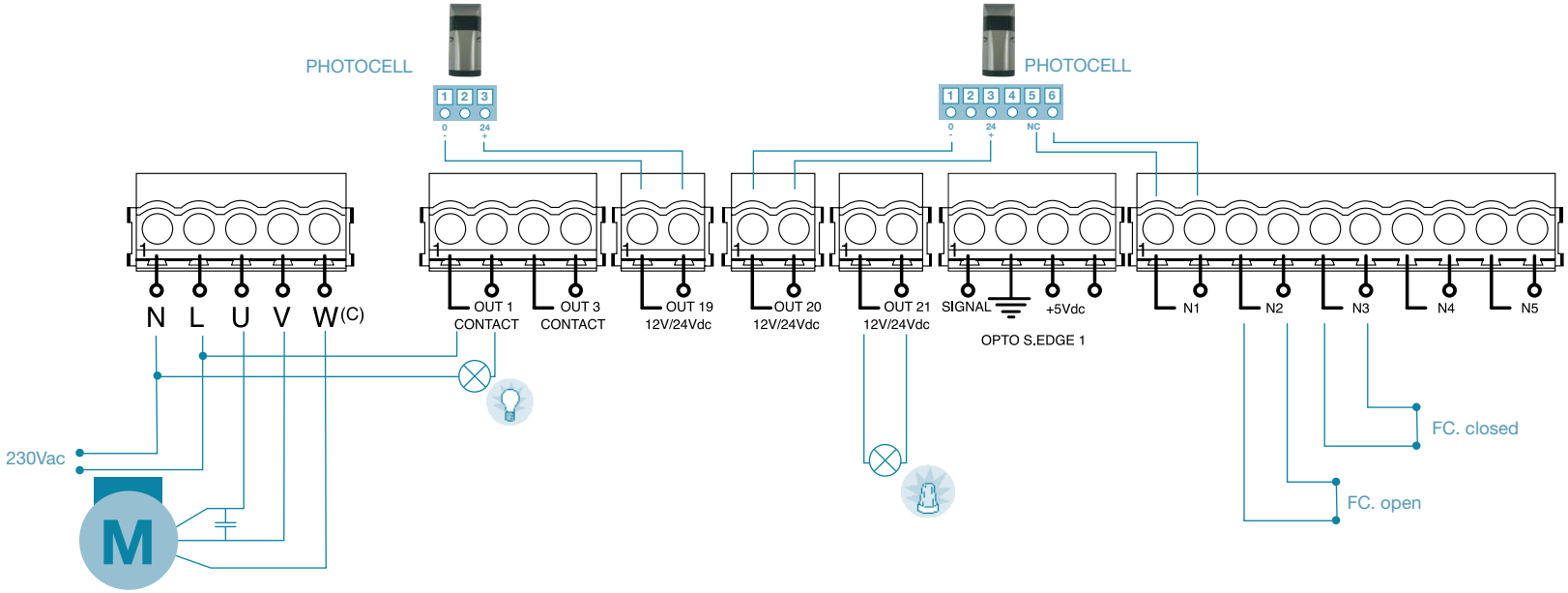




GARAGE FOLDING DOOR WITH SAFETY BAND AND PHOTOCELL

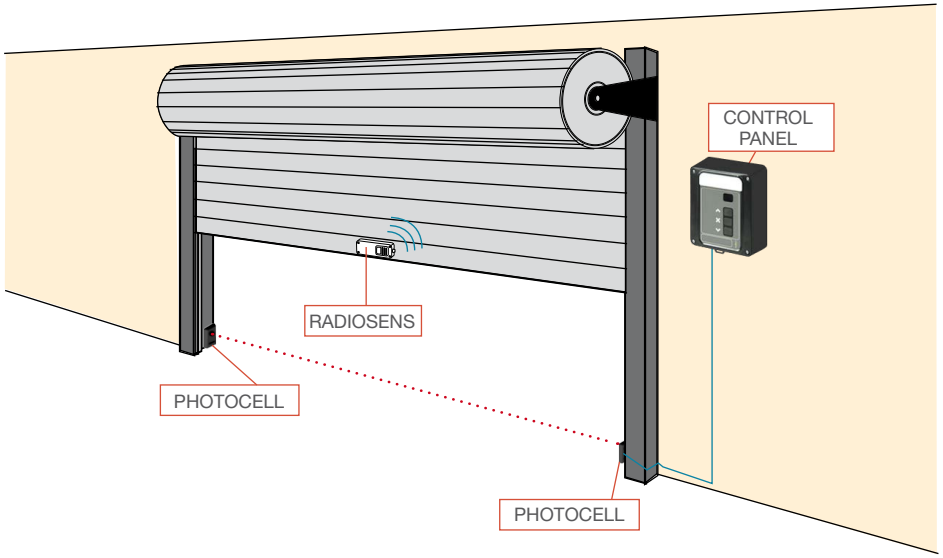
VERSUSM30 **control panel with buttons on cover, sparkle, garage light and electrolock. With RSEC**/R **radio security for RadioBand system.**

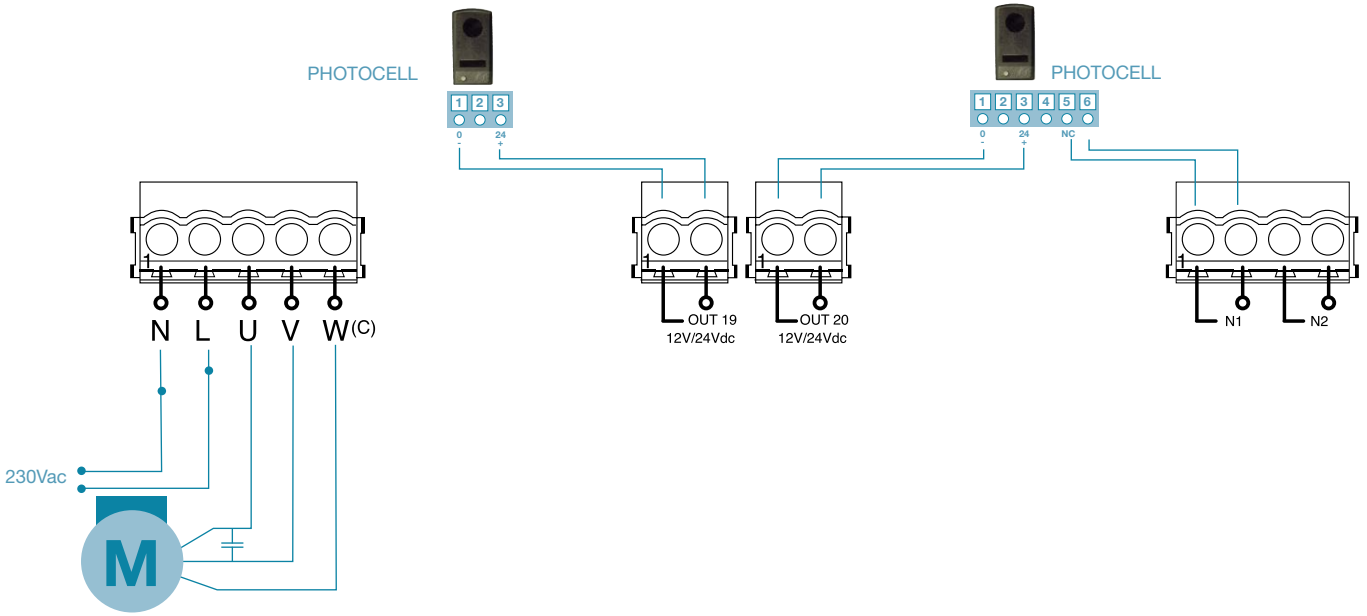




ROLL-UP GARAGE DOOR WITH RADIOSENS SYSTEM AND PHOTOCELL

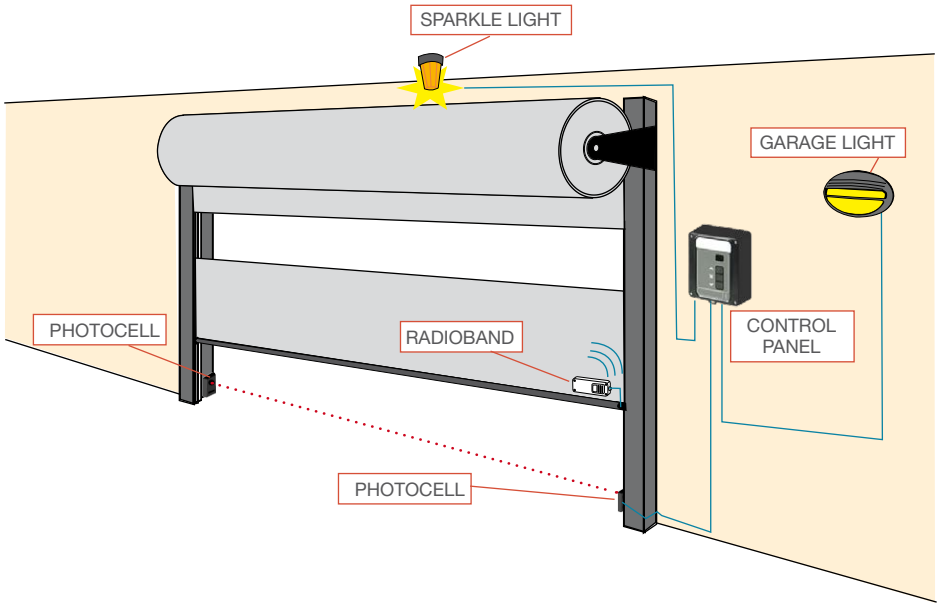
VERSUSM10 **control panel with courtesy light, buttons on cover and RSEC**/R **radio-security card for RadioSens System with impact detection, without safety band.**

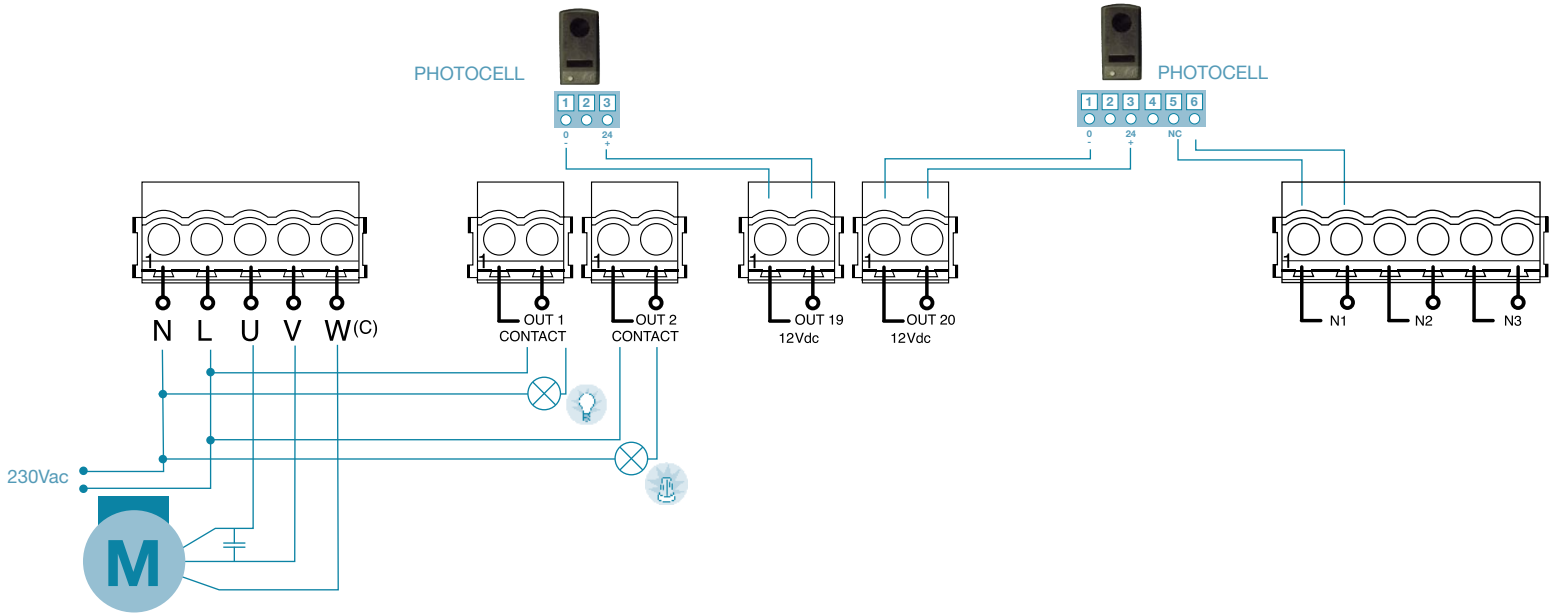




FAST DOOR WITH RADIOBAND SYSTEM AND PHOTOCELL

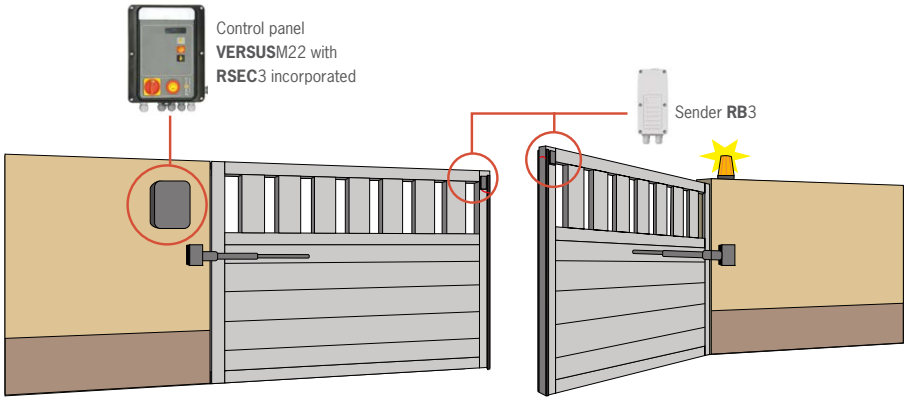
VERSUSM8 **panel with courtesy light, buttons on cover and RSEC**/R **radio-security card for Radioband system.**

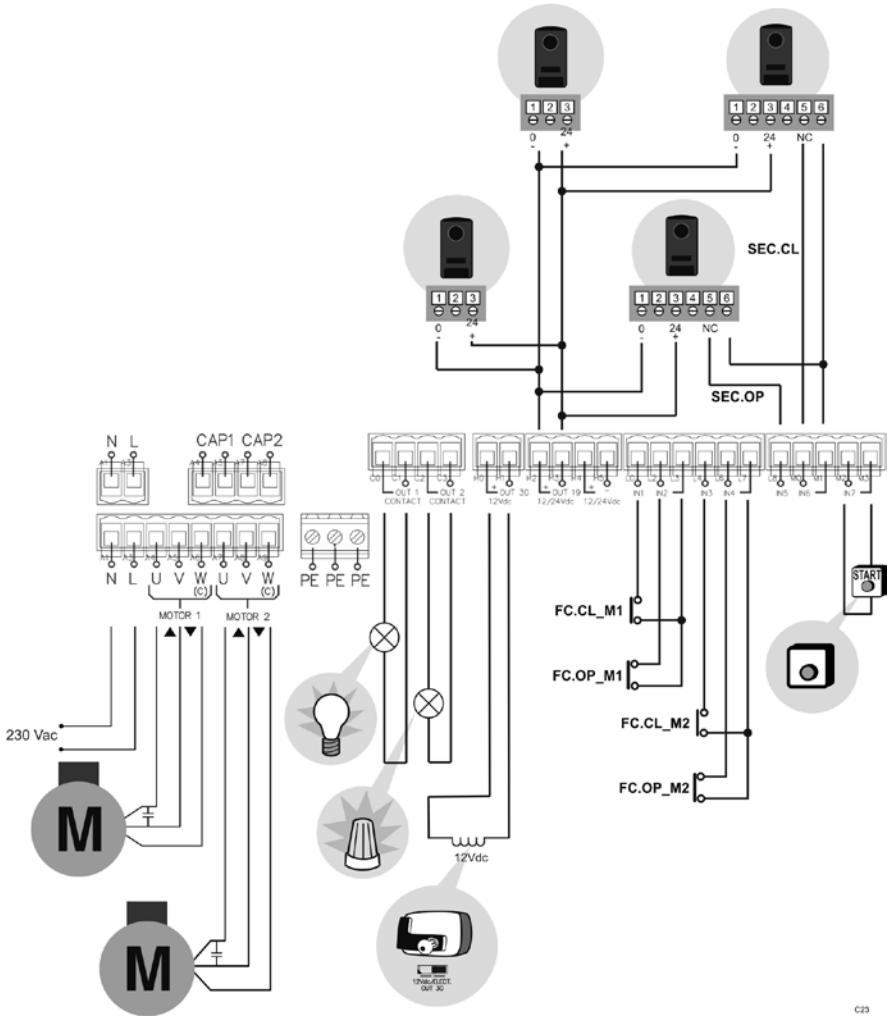




2-LEAF SWING DOOR WITH RADIOBAND SYSTEM AND PHOTOCELL

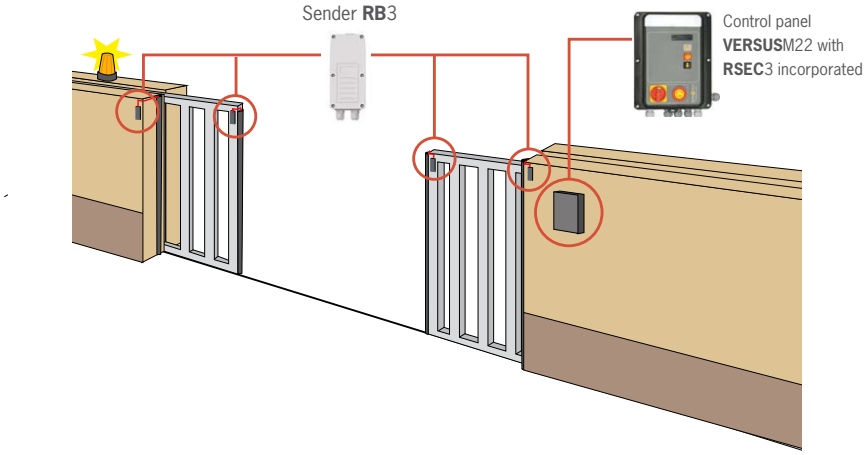
VERSUSM22 **control unit with courtesy light, buttons on cover and RSEC**3 **included on the panel for RadioBand system.**

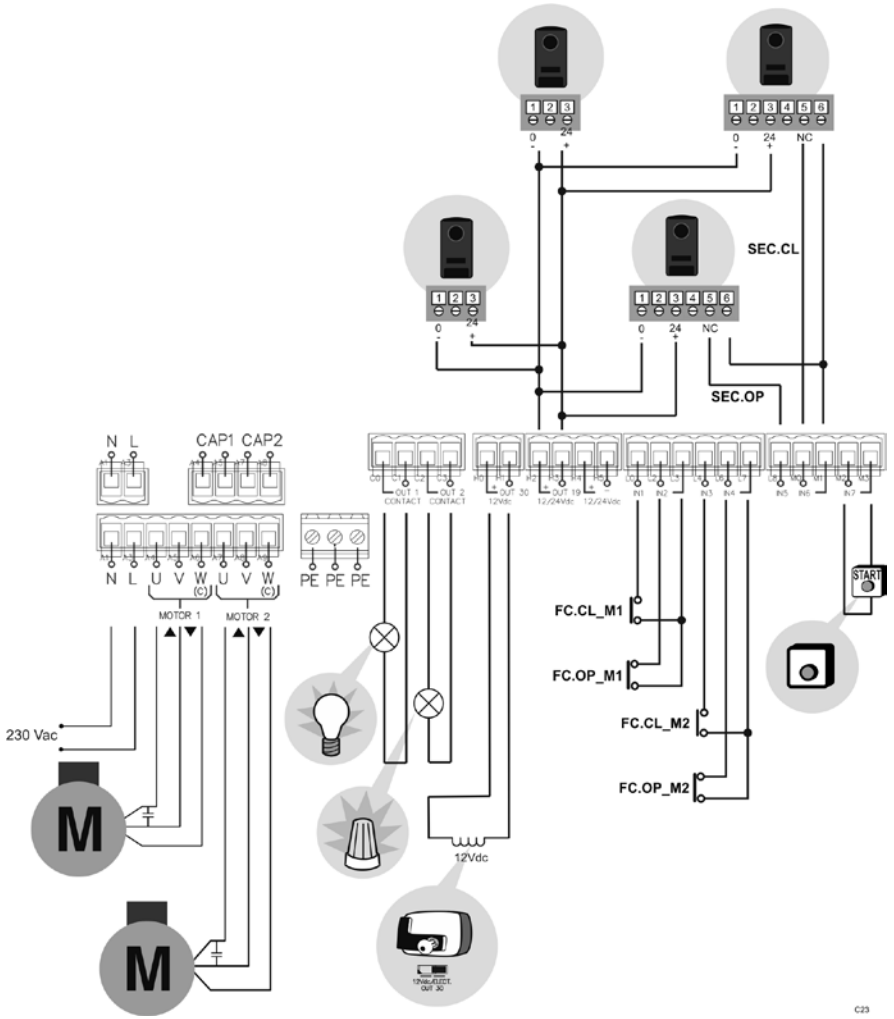




2-LEAF SLIDING DOOR WITH RADIOBAND SYSTEM AND PHOTOCELL

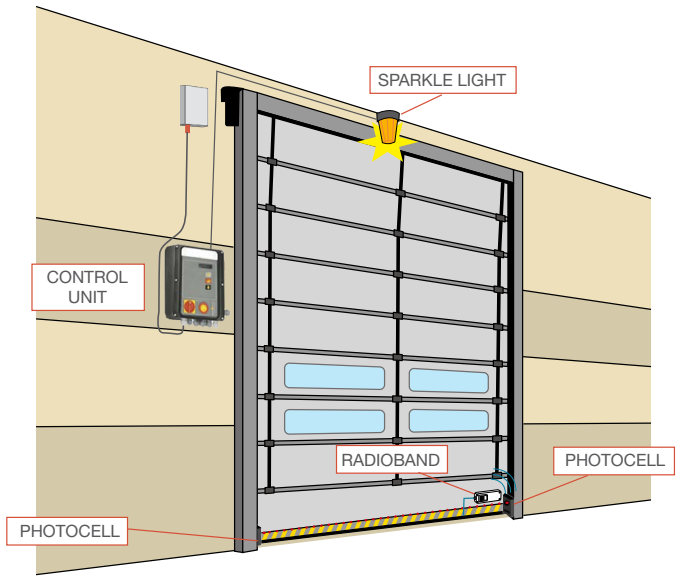
VERSUSM22 **control unit with courtesy light, buttons on cover and RSEC**3 **included on the panel for RadioBand system.**

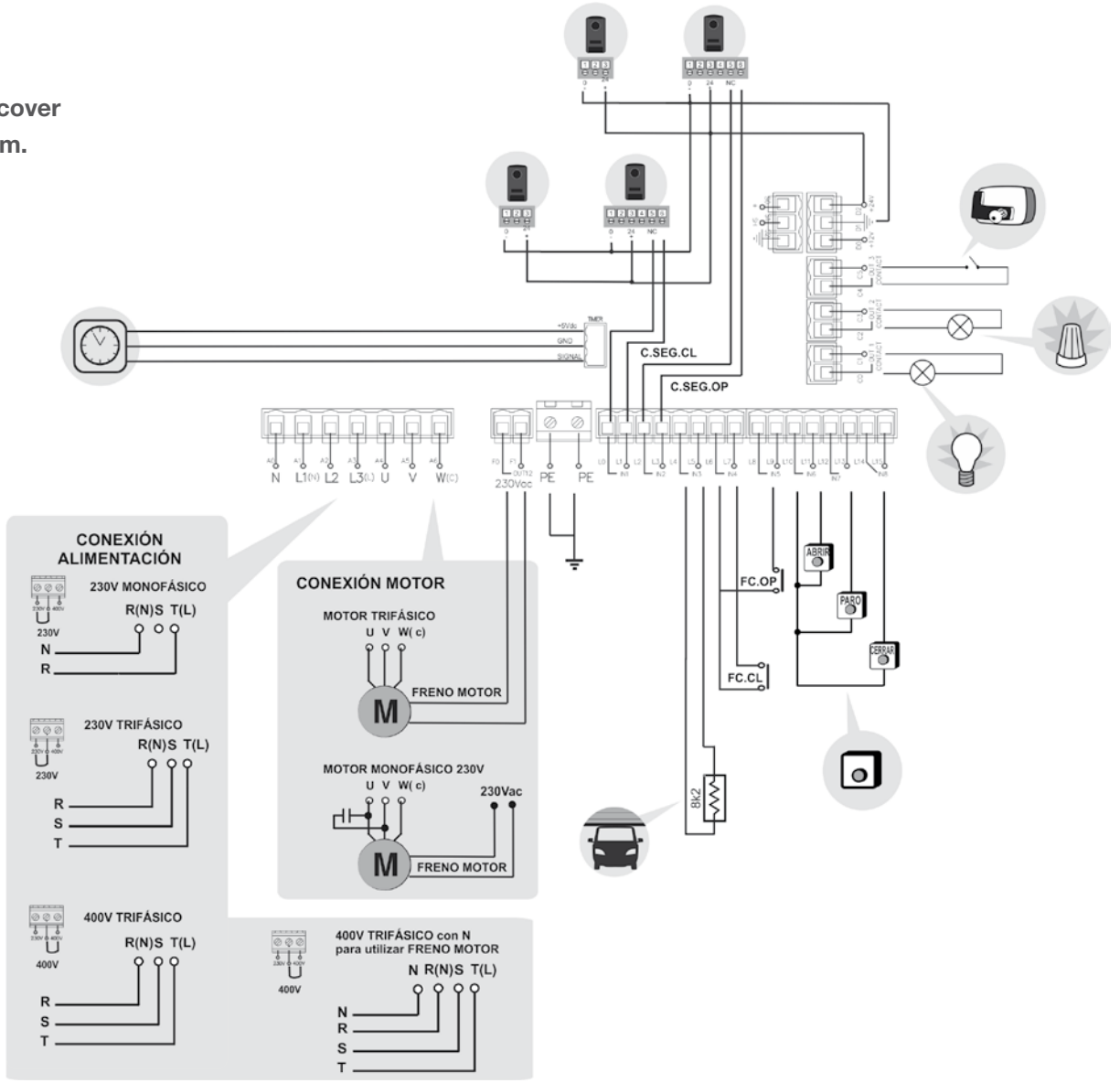




RAPID INDUSTRIAL CANVAS DOOR WITH RADIOBAND SYSTEM AND PHOTOCELL

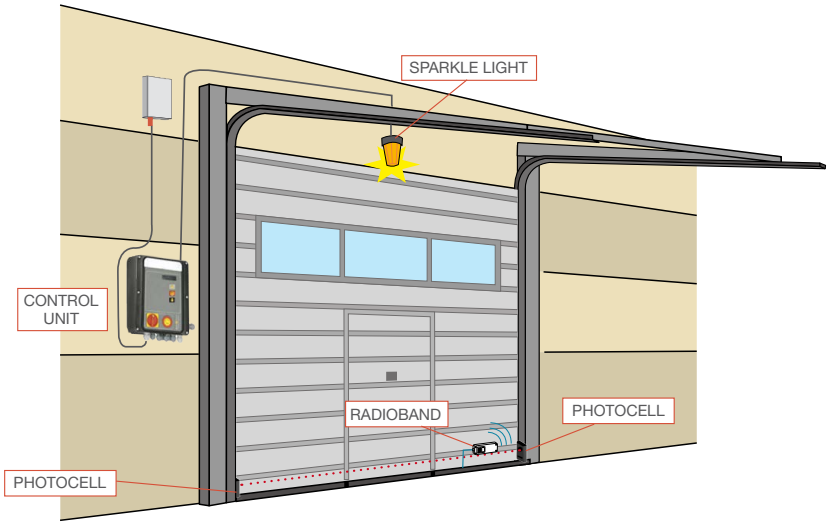
VERSUSI30 **control unit with courtesy light, buttons on cover and RSEC**/R **included on the panel for RadioBand system.**

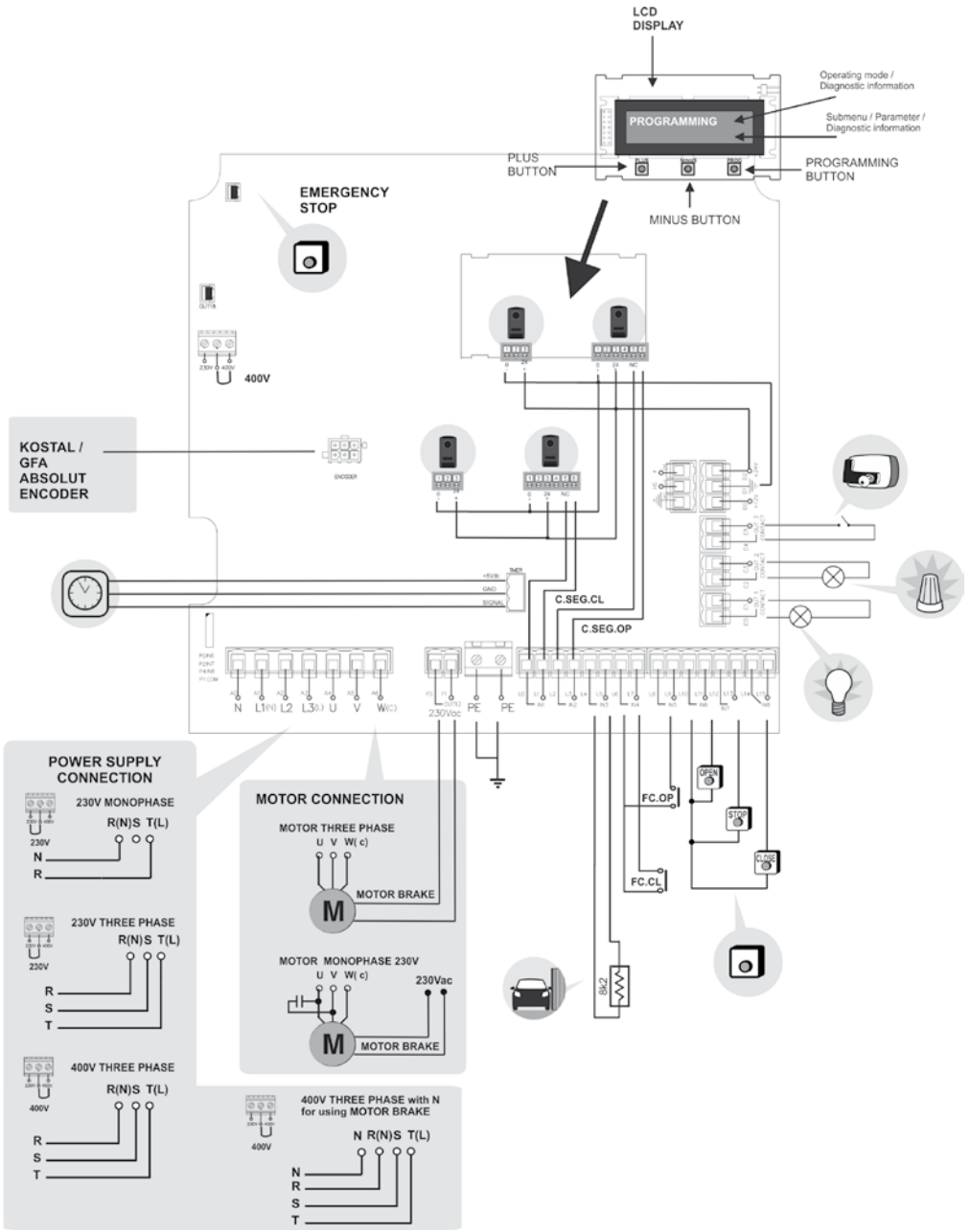




INDUSTRIAL SECTIONAL DOOR WITH RADIOBAND SYSTEM AND PHOTOCELL

VERSUSI30 **control unit with courtesy light, buttons on cover and RSEC**/R **included on the panel for RadioBand system.**





Versus
new control units platform

Comparative table

	M8	M10	M20	M30	M22	I30
Power supply	230Vac	230Vac	230Vac	230Vac	230Vac	230Vac/400V
Configurable inputs	3	2	5	5 + input for optical band	7+1 input for capacitor	8
Configurable voltage free outputs	2	0	1 (max 6A)	2 (6A max.)	2	3
Voltage outputs	1 a 12Vdc fix	1 a 12/24Vdc fix			1 to 12/24Vdc fix	1 to 12/24Vdc fix
	1 to 12Vdc configurable	1 to 12/24Vdc configurable	2 to 12/24Vdc configurable	3 to 12/24Vdc configurable	1 to 12/24Vdc configu-rable	1 to 230V configurable
	maximum total of 300mA	maximum total of 200mA	maximum total of 600mA	maximum total of 900mA	maximum total of 900mA	maximum total of 250mA
Features						
Integrated radio 27 codes	S	S	S	S	S	S
Slow speed	-	-	S	S	S	S
Motor stop detection limit or detect mechanical stop	S	S	S	S	S	S
Memory for the last 10 events (errors / warnings)	S	S	S	-	-	-
Memory for the last 10 events (errors / warnings) with date and time	-	-	-	S	S	S
VERSUSProg Connector (Programmer VERSUS)	S	S	S	S	S	S
DC input to add power to the outputs 12/24VDC	-	S	S	S	S	S
Special connector for ELEKTROMATEN and KOSTAL digital end limit switches	-	-	-	-	-	S
Built-in RSEC3 receiver	-	-	-	-	-	S
Plug-in cards						
MEM500 Connector	S	S	S	S	S	S
Mem500 card	O	O	O	O	O	O
Hall sensor connector	-	-	S	S	S	S
Pluggable receiver connector	-	-	O	O	S	O
Radio card or STICK RACK	-	-	O	O	O	O
Expansion Card Connector	S	S	S	S	S	S
RSEC3	O	O	O	O	O	O
Traffic lights card	O	O	O	O	O	O
Expansion card	O	O	O	O	O	O
Programation module connector / display	-	S	S	S	S	S
D-PLAY card (Display)	-	O	O	O	O	O
D-POT card (Potentiometer)	-	O	O	O	O	O
LCD card	-	-	O	O	O	O
Hardware						
Membrane cover	O	O	O	O	O	O
Courtesy light on cover	O	O	O	O	O	O
Backlit buttons on cover	O	O	O	O	O	O
Isolator on cover	-	-	O	O	O	O
Emergency stop button on cover	-	-	O	O	O	O
ON / OFF switch	O	O	O	O	O	O
Hinges	O	O	O	O	O	O
Wall mounting bracket	O	O	O	O	O	O
Seals	O	O	O	O	O	O
Rubber Cones	O	O	O	O	O	O
Padlock	O	O	O	O	O	O
Earth terminal	O	O	O	O	O	O
Wall fixing screws and plugs	O	O	O	O	O	O

IMPOSSIBILE (-) OPTIONAL (O) STANDARD (S)

ISO 9001

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