







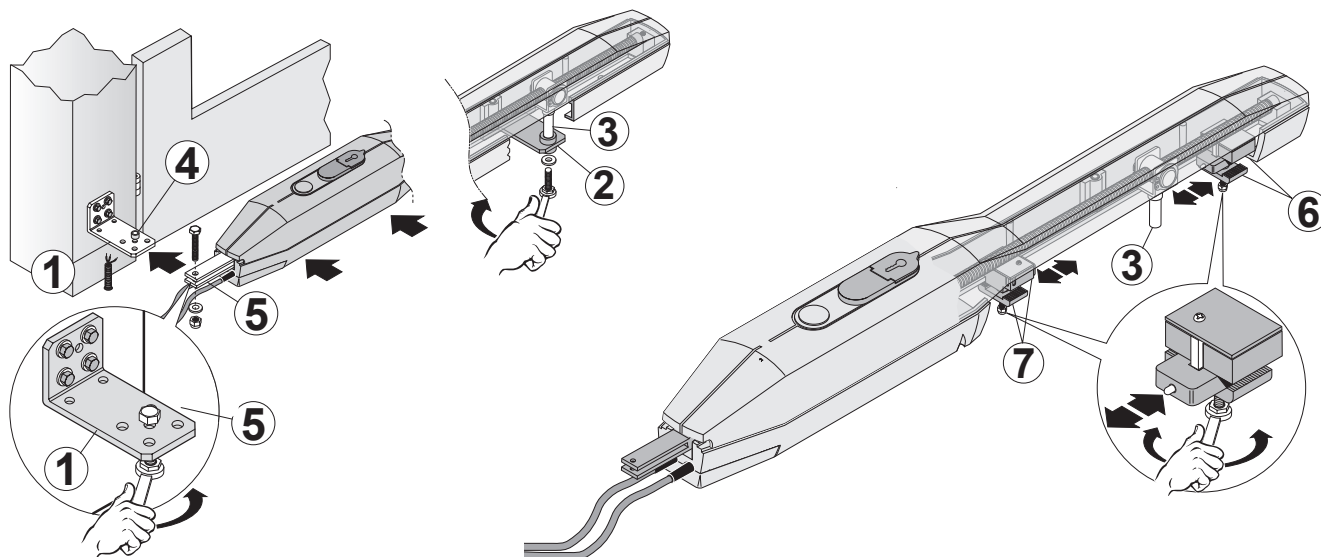






## 2.4 Positioning the operator and stop plate adjustment

1. Release the operator as indicated in the RELEASING THE OPERATOR chapter.
2. Lift the operator and insert the nut screw bushing support pin (3) into the hole on the front bracket (2).
3. Insert the bushing ☐ bushing. Fix the whole set with a screw, washer and self-locking nut and tighten.
4. Fix the operator to the front bracket (2) using a screw and washer, and tighten.
5. Manually open and ☐ to the gate's plane of movement.
6. Check that the nut s ☐ 5 mm between the nut screw bushing support (3) and the closure (6) and opening (7) stop plates.
7. If necessary, use a different hole on the rear bracket and repeat the operations indicated in points 3 and 4. .
8. Define with precision the opening and closure positions of the stop plates on the operator's internal slider, as follows:
  - take the gate to a closed position, abutting against the stop plate.
  - loosen the support ☐ lock again by tightening.
  - Take the gate leaf to the desired opening position;
  - loosen the support ☐ lock again by tightening.
9. Definitively fix the front bracket (2) of the operator, to the leaf of the gate, choosing the clamping means to suit the material of the leaf (with screws or by welding).
10. Release the operator as indicated in the RELEASING THE OPERATOR chapter.



## 2.5 Releasing the operator

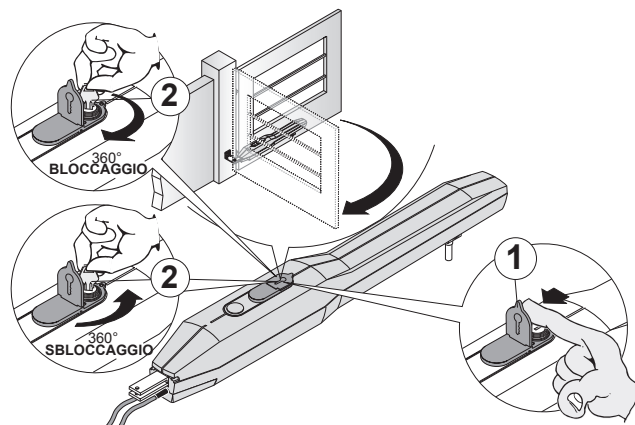
### ATTENTION:

- The fitter must permanently fix the label describing the manual release operation close to the manual release key.
- ☐ mechanical unbalance conditions.
- Before performing the manoeuvre, switch off the electricity supply to the automation.
- To avoid breaking the key, do not apply excessive force.

This command makes it possible to release the operator transmission and to perform leaf movement manually. It can be used in the case of a blackout or system malfunction.

The release is activated using a wrench, which must be kept in a safe place.

- a) Lift the lock protection cover (1).
- b) Insert the key (2) into the lock and turn clockwise through 360°.
- c) The leaf is now free and can be moved manually.
- d) To relock the leaf, insert the key (2) and turn anticlockwise through 360°.



## 3.0 WIRING AND CONNECTIONS

- Before commencing wiring and connection work, read the SAFETY INSTRUCTIONS AND WARNINGS chapter carefully.
- The operator must be connected to Life control units only.

OPERATORS		LIFE PLUG-IN RADIO RECEIVER	INTEGRATED 433.92 MHz RADIO RECEIVER
230 V 50 Hz	OP3 - OP3L - OP5 - OP5L	GE1A -GE2A	GE1R -GE2R
	OP3 UNI - OP3L UNI - OP5 UNI - OP5L UNI		GE UNI R
24 V	OP324 - OP524 GE1A 24	GE1A 24-GE2A 24	
	OP324 UNI - OP524 UNI		GE UNI 24R

- All wiring and connection operations must be carried out with the control unit disconnected from the electricity supply. If the disconnection device is not in view, display a sign reading: "ATTENTION: MAINTENANCE WORK IN PROGRESS".
- The internal wiring of the linear electromechanical operator performed by the Manufacturer, may not be modified under any circumstances.

### 3.1 Electrical connections of the operator

One or two cables lead out of the operator depending on whether or not one has the UNI version.

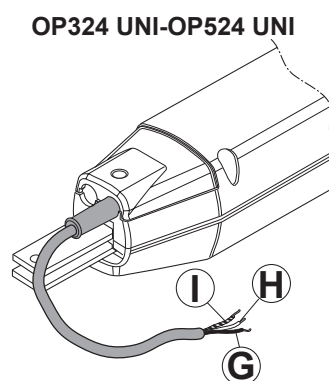
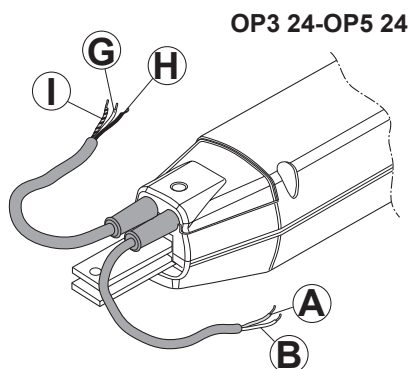
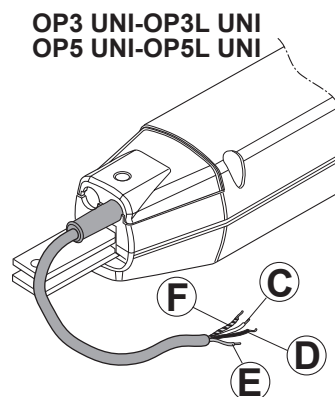
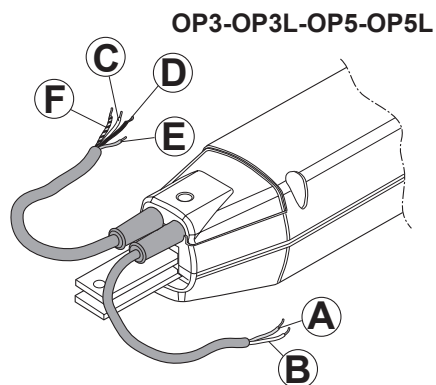
The U□

The 230 V and 24 V two-cabled versions have an extra cable for the encoder and limit switch signal (2-wired cable).

The 230V models come with a capacitor, which is housed in the control unit. The capacitor is connected in parallel to the "open motor" and "close motor" cables.

OPERATORS		MOTOR POWER SUPPLY	LIMIT SWITCH and ENCODER SIGNAL		
230 V 50 Hz	OP3 - OP3L - OP5 - OP5L	BLUE/ GREY	COMMON	BROWN	+
		BLACK	OPEN MOTOR	BLUE	-
	OP3 UNI - OP3L UNI - OP5 UNI - OP5L UNI	BROWN	CLOSE MOTOR		
		YELLOW - GREEN	EARTH		
24 V	OP324 - OP524	BLUE	+	BROWN	+
		BROWN	-	BLUE	-
	OP324 UNI - OP524 UNI	YELLOW - GREEN	EARTH		

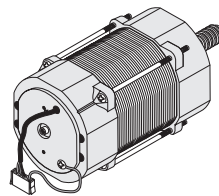
N.B. each cable is 1m long.





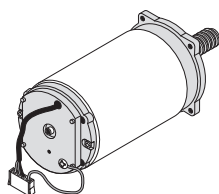
- I DESCRIZIONE COMPONENTI OP/OP5
- GB DESCRIPTION OF OP3/OP5 COMPONENTS
- F DESCRIPTIONS PARTICULIERES  
OP3 / OP5
- E DESCRIPCIONES DE LOS DETALLES  
DEL OP3 / OP5
- P DESCRIÇÕES PARTICULARES OP3 / OP5
- D BESONDERE BESCHREIBUNGEN  
OP3 / OP5
- PL OPIS SZCZEGÓŁOWY OP3 / OP5
- RU ОПИСАНИЕ ОСОБЕННОСТЕЙ OP3 / OP5
- HU OP3/OP5 RÉSZLETEZETT ROBBANTOTT  
LEÍRÁSA

**1-2**



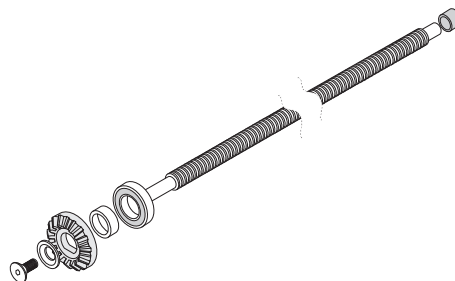
- 1) 5RI0870000 OP3-OP5-OP3UNI-OP5UNI
- 2) 5RI0880000 OP3L-OP3LUNI-OP5L-OP5LUNI

**3**



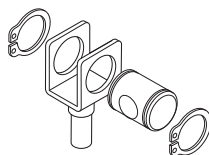
- 3) 5RI0890000 OP324-OP324UNI-OP524-OP524UNI

**4-5**



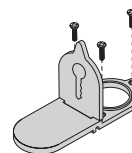
- 4) 5RI0900000 OP3-OP3UNI-OP3L-OP3LUNI-OP324-OP324UNI
- 5) 5RI0910000 OP5-OP5UNI-OP5L-OP5LUNI-OP524-OP524UNI

**6**



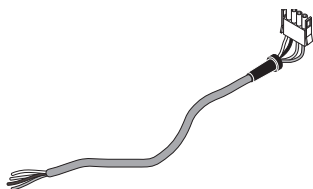
- 6) 5RI0920000 OPTIMO

**7**



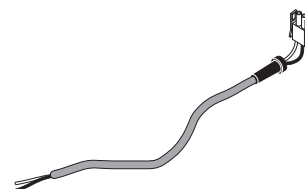
- 7) 5RI0930000 OPTIMO

**8**



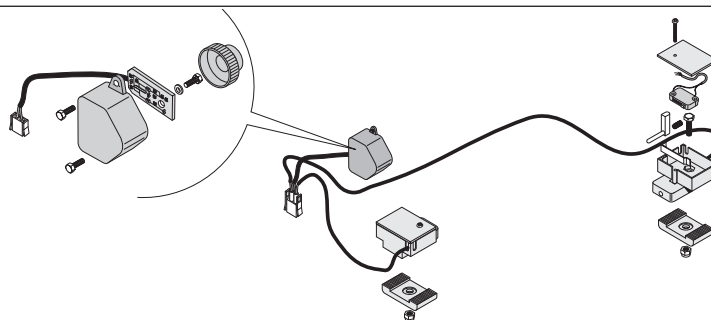
- 8) 5RI0940000 OP3-OP3L-OP5-OP5L-OP324-OP524

**9-10**



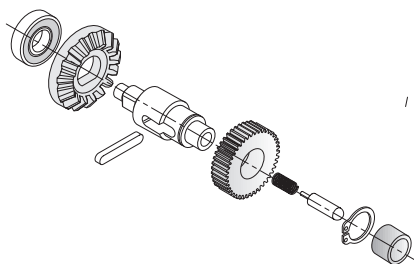
- 9) 5RI0950000 OP3-OP3L-OP3UNI-OP3LUNI-OP5-OP5L-  
OP5UNI-OP5LUNI
- 10) 5RI0960000 OP324-OP324UNI-OP524-OP524UNI

**11-12**



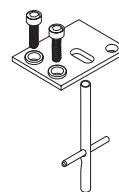
- 11) 5RI0970000 OP3-OP3L-OP324
- 12) 5RI0980000 OP5-OP5L-OP524

13



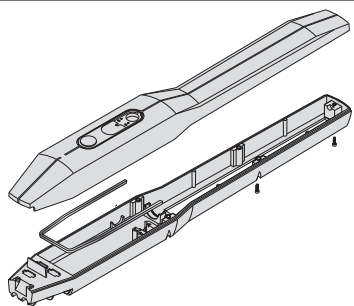
13) 5RI0990000 OPTIMO

14



14) 5RI01000000 OPTIMO

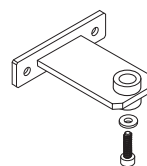
15-16



15) 5RI01010000 OP3-OP3L-OP324

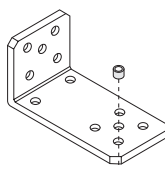
16) 5RI01020000 OP5-OP5L-OP524

17



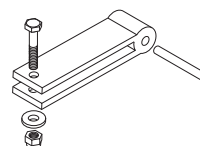
17) 5RI01030000 OPTIMO

18



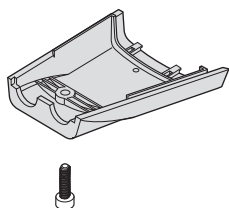
18) 5RI01040000 OPTIMO

19



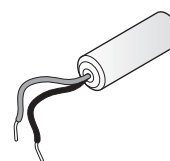
19) 5RI01060000 OPTIMO

20



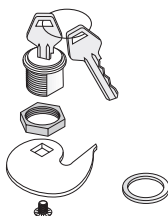
20) 5RI01070000 OPTIMO

21



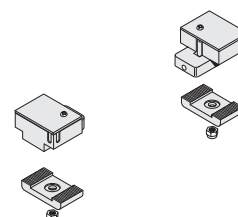
22) 5RI01080000 OP3-OP3L-OP3UNI-OP3LUNI-OP5-OP5L  
OP5UNI-OP5LUNI

22



22) 5RI01100000 OPTIMO

23



23) 5RI2750000 OP3UNI-OP3LUNI-OP324UNI-OP5UNI  
OP5LUNI-OP524UNI

## 14 MANUFACTURER'S DECLARATION OF CONFORMITY

### Declaration of



conformity

under Directive 98/37/EC, appendix II, part B (Manufacturer's Declaration of CE Conformity).

**LIFE home integration**  
**Via Sandro Pertini 3/5**  
**31014 COLLE UMBERTO (TV) Italy**

declares that the following product:

**OP3-OP5**

satisfies the essential requisites established in the following directives:

- Low voltage directive 73/23/EEC and subsequent amendments,
- Electromagnetic compatibility directive 89/336/EEC and subsequent amendments,
- Radio and telecommunications equipment directive 1999/5/EC and subsequent amendments.

**and satisfies the following standards:**

- EN 12445:2000 Industrial, commercial and garage doors and gates – Safety in the usage of motorised doors – testing methods
- EN 12453: Industrial, commercial and garage doors and gates – Safety in the usage of motorised doors - Requisites.
- EN 60204-1:1997 Machinery safety – Electric equipment of the machine – Part 1: general rules.
- EN 60950 Information technology equipment - Safety - Part 1: General requisites
- ETSI EN 301489-3:2001 Electromagnetic compatibility for radio equipment and appliances.
- EN 300220-3:2000 Radio equipment and systems – short band devices – Technical characteristics and testing methods for radio apparatus with a frequency of 25 to 1000 MHz and powers of up to 500mW.

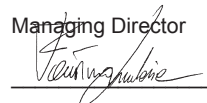
The Manufacturer also declares that it is not permitted for the abovementioned components to be used until such time as the system in which they are incorporated is declared conform to directive 98/37/EC.

C□

Position:

Managing Director

Signature:





Address: **Via Sandro Pertini 3/5 31014 Colle Umberto  
(TV) Italia**  
Telephone: **+ 39 0438 388592**  
Telefax: **+ 39 0438 388593**  
http: **www.homelife.it**  
e-mail: **info@homelife.it**

