VIS

GB **IRREVERSIBLE ELECTROMECHANICAL MOTOR FOR SECTIONAL DOORS.**

INSTRUCTIONS AND WARNINGS FOR THE INSTALLATION, USE AND MAINTENANCE

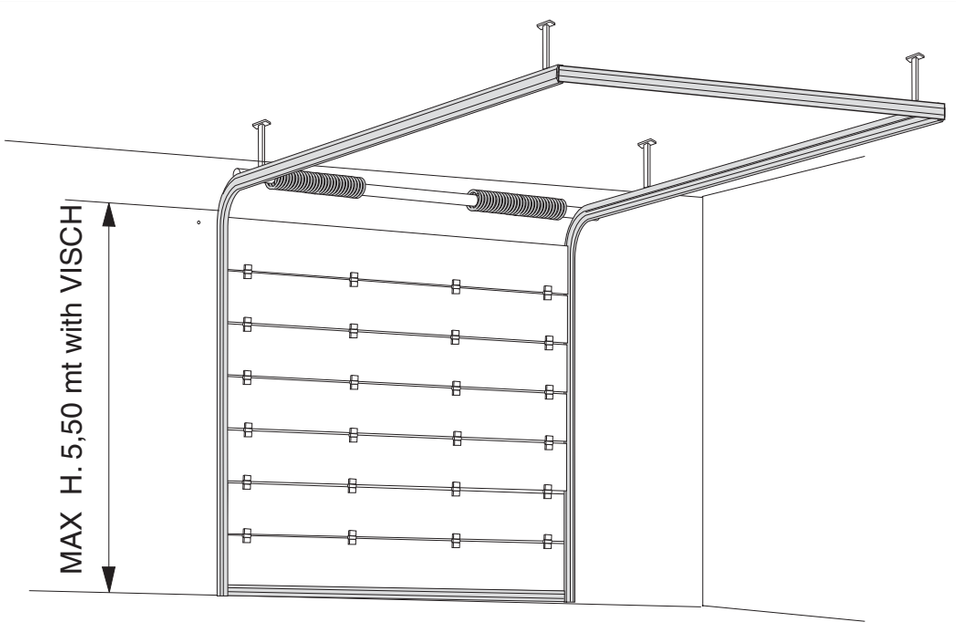
home integration®

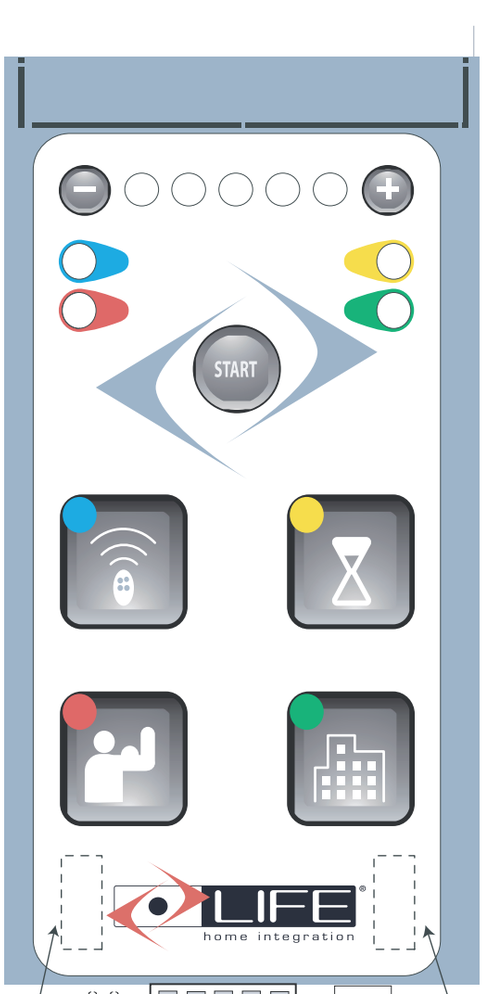
Rev. 01 - 07/2011 RT

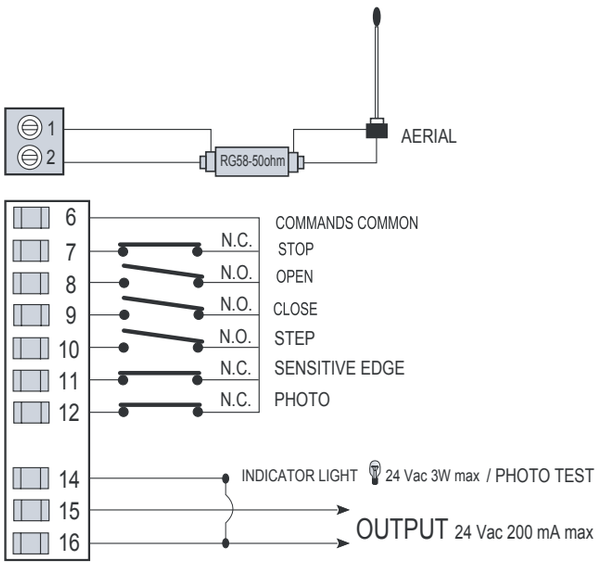
TECHNICAL DATA

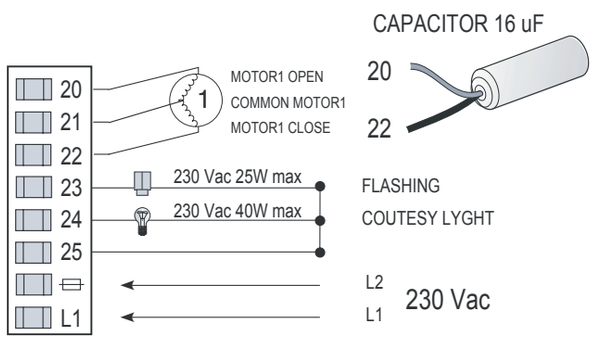
LIFE home integration reserves the right to change the specifications at any time without notice, maintaining the intended use and functionality.
VIS is a family of motors, electromechanical irreversible, for the automation of sectional doors balanced and sliding folding-type industrial and direct-drive shaft spring is chain driven.
The range is 1 model: VIS without control board

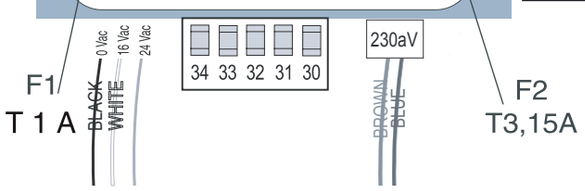
VIS Electromechanical irreversible gear motor for sectional doors and and sliding folding encoder and with or without central control board		**VIS**
Plugged	V	230 Vac 50 Hz
power supply	V	230 Vac 50 Hz
Max Power	W	450
Current absorption line (230V)	A	3
motor torque	Nm	45
lubrication	Type	grease
electromechanical switches		SI
Encoder		SI
Speed	rpm	20
work cycle	%	35
Rated working time	min.	60
operating temperature	°C	-20 +70
Degree of protection	IP	54
Motor insulation class		F
Weight		15 Kg
Central Unit		GE VIS R DL

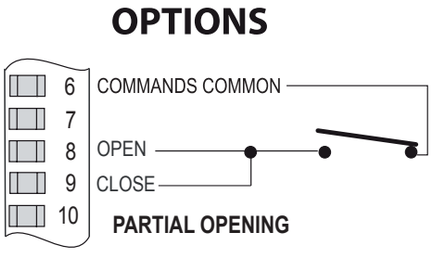


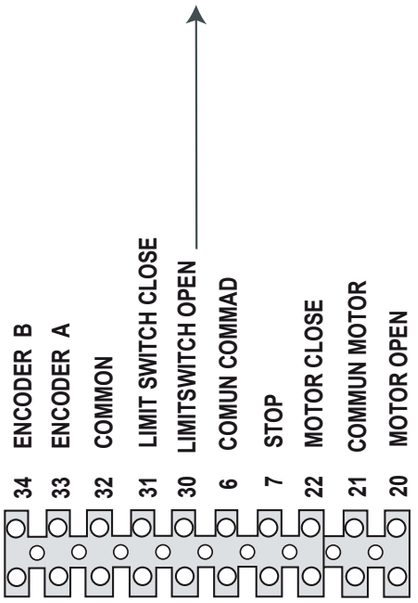

START
LIFE
home integration

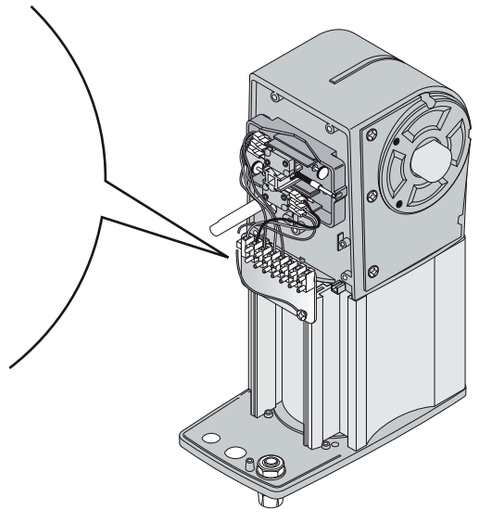

1
2
AERIAL
RG58-50ohm
6
7
8
9
10
11
12
N.C.
N.O.
N.O.
N.O.
N.C.
N.C.
COMMANDS COMMON
STOP
OPEN
CLOSE
STEP
SENSITIVE EDGE
PHOTO
14
15
16
INDICATOR LIGHT
24 Vac 3W max / PHOTO TEST
OUTPUT 24 Vac 200 mA max

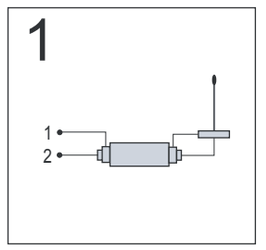

CAPACITOR 16 uF
20
21
22
23
24
25
1
MOTOR1 OPEN
COMMON MOTOR1
MOTOR1 CLOSE
20
22
230 Vac 25W max
230 Vac 40W max
FLASHING
COUTESY LYGHT
L2
L1
230 Vac

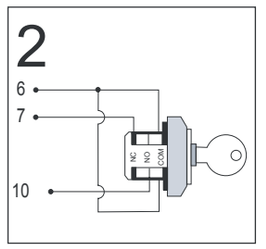

F1
T 1 A
BLACK
WHITE
0 Vac
16 Vac
24 Vac
34 33 32 31 30
230aV
BROWN
BLUE
F2
T3,15A

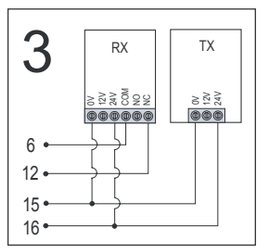

OPTIONS
6
7
8
9
10
COMMANDS COMMON
OPEN
CLOSE
PARTIAL OPENING

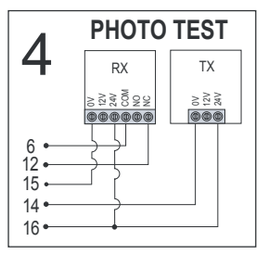

ENCODER B
ENCODER A
COMMON
LIMIT SWITCH CLOSE
LIMITSWITCH OPEN
COMUN COMMAD
STOP
MOTOR CLOSE
COMMUN MOTOR
MOTOR OPEN
34
33
32
31
30
6
7
22
21
20

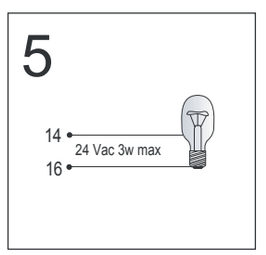


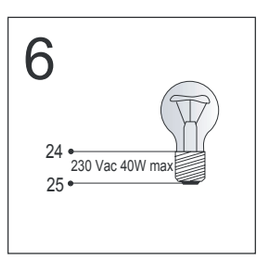

1
1
2

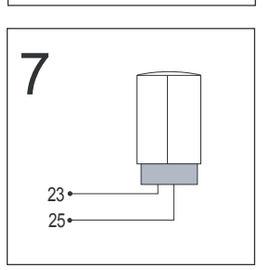

2
6
7
10
NC
NO
COM


3
RX
TX
0V
12V
24V
COM
NO
NC
6
12
15
16


4
PHOTO TEST
RX
TX
6
12
15
14
16


5
14
24 Vac 3w max
16


6
24
230 Vac 40W max
25

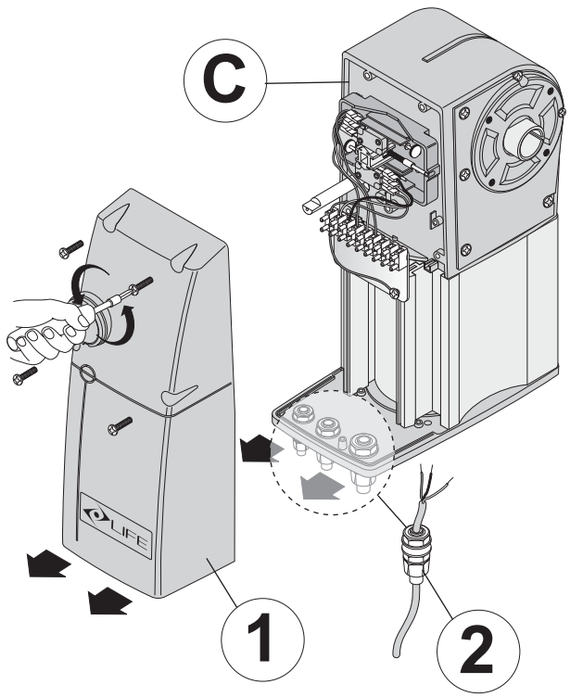

7
23
25

1 CONNECTIONS AND LINKS

The motor must only be connected to its central by Life GEVISRDL.
All operations of these cables and connections should be disconnected from the power supply, if the disconnect device a sign:
"WARNING MAINTENANCE IN PROGRESS".
internal wiring electromechanical linear actuator that have been made should definitely be changed.
They do, however, present the following warnings:The electrical supply must be routed and connected by or a professional installer.
The power line must have adequate protection earth faults.
Must be provided in the network of power disconnection device through air contact opening of not less than 3.5 mm, complete disconnection from supply.

1.1 Introduction of electrical wiring in the motor

a) For access to terminals is necessary to remove the cap (1) covering
b) Attach the cables to the base with the mounting of cable ties (2).



1,2 Electrical Connections

The installer should perform the power connections to 230 Vac 50 Hz and the various devices provided for automation. The connections between the central, motor, encoder and transformers are already performed by the manufacturer.

ATTENTION: for security is indispensable to connect the set- motor ground. Crimp the wire yellow-green cap instead of the power cord on hood higher at the point marked by the symbol of earth as shown in Fig. (7.1

2 INSTALLATION

2.1 Preliminary checks and limits operating

Before installing you must do the following preliminary checks:

The door structure is adequately strong, the hinges are efficient and that there is no friction between fixed and mobile parts

The path of power cables is carried out in accordance with control and safety there is a mechanical setback in the opening

Correct balance of the door.

The table has an indicative value, as are many factors that determine
The limits of application

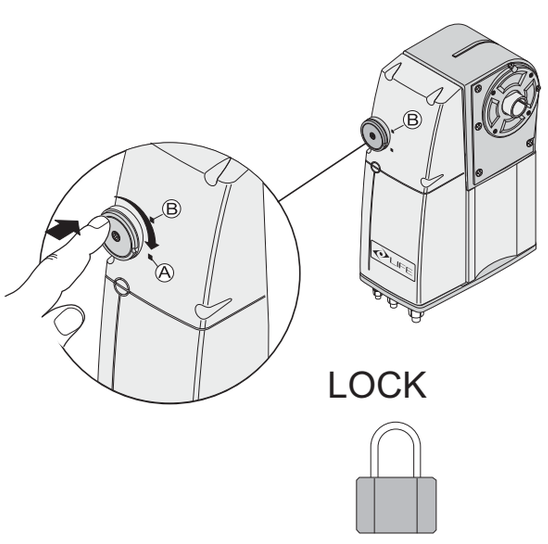
	SECTIONAL DOOR	SLIDING DOOR
VIS	HIGHT MAX 6,5 m WIDTH MAX 8 m	WEIGHT MAX 1000 kg

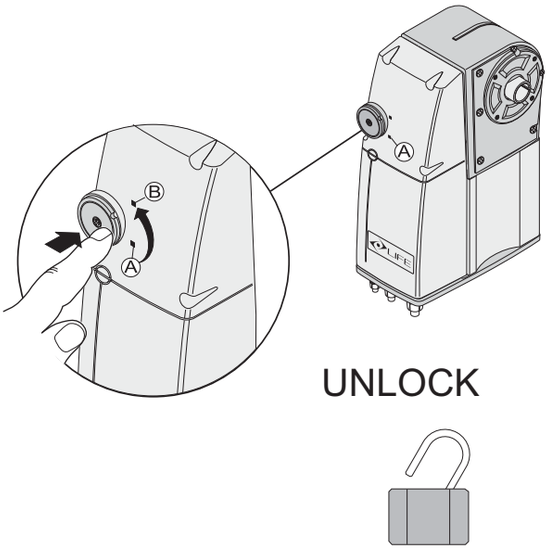
2.2 MOTOR INSTALLATION COMPONENTS

2.3 MOTOR ASSEMBLY

1. LIVE SOCKET

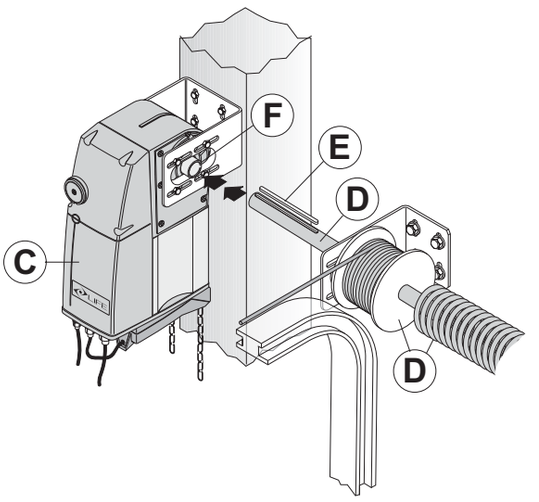
The VIS can be connected motor direct drive shaft door springs
D = 254 mm = 1 "
Unlock the motor manually by turning the release knob counter-clockwise, position (A) to position (B).

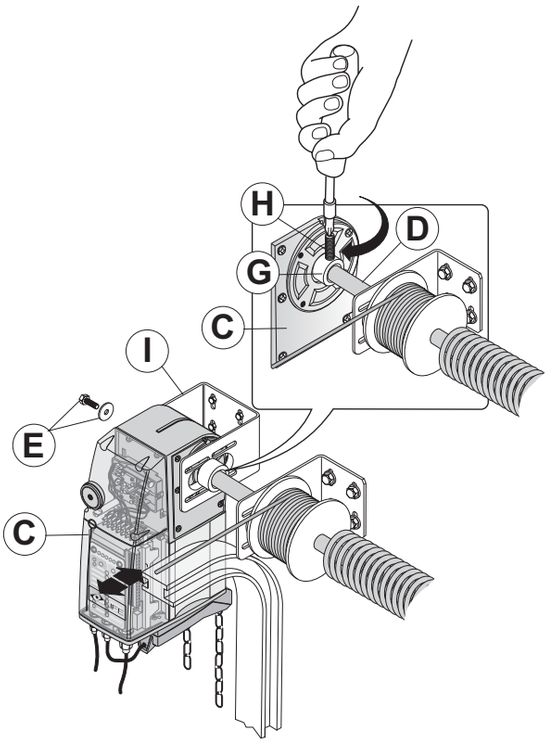




2.3.1 DIRECT DRIVE

Slide the bushing (G) on the tree (D)
Insert the motor (C) onto DOOR SPRING (D) moving the gate so as to match the cavity tree with that of the MAST MOTOR CABLE gearmotor. Insert TAB (E) between the two cavities.
Entries with the hollow shaft motor (F)



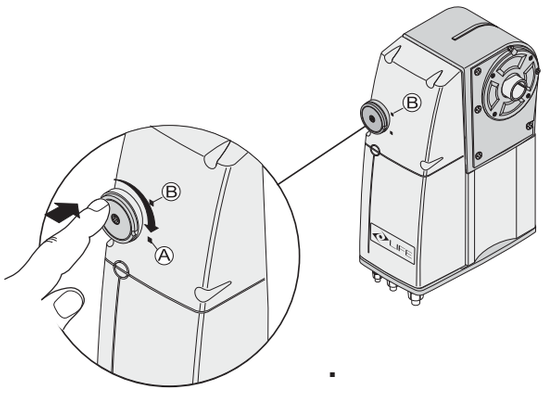


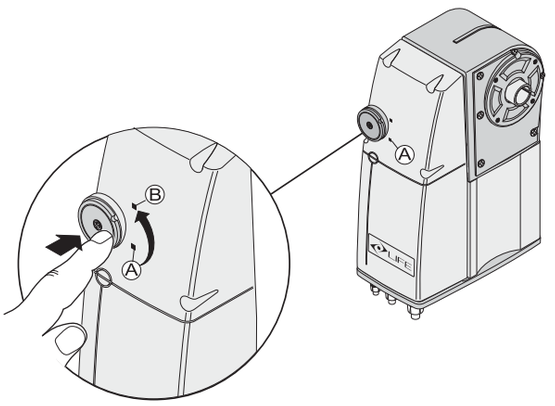
Tighten down with the screw (H).
Assemble the brackets (I) and secure them to motor (C) (avoiding the lock).

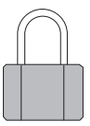
2.3.2 CHAIN TRANSMISSION

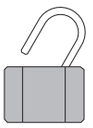
the motor can be connected with VIS TRANSMISSION CHAIN.
Installation of sectional garage doors with a height greater to 5.5 m, for this type of application must use the accessory to complete VISCA Tighten down with the screw (H). Assemble the brackets (I) and secure them to motor (C) (avoiding lock

Unlock the motor manually by turning the release knob counter-clockwise, position (A) to position (B).

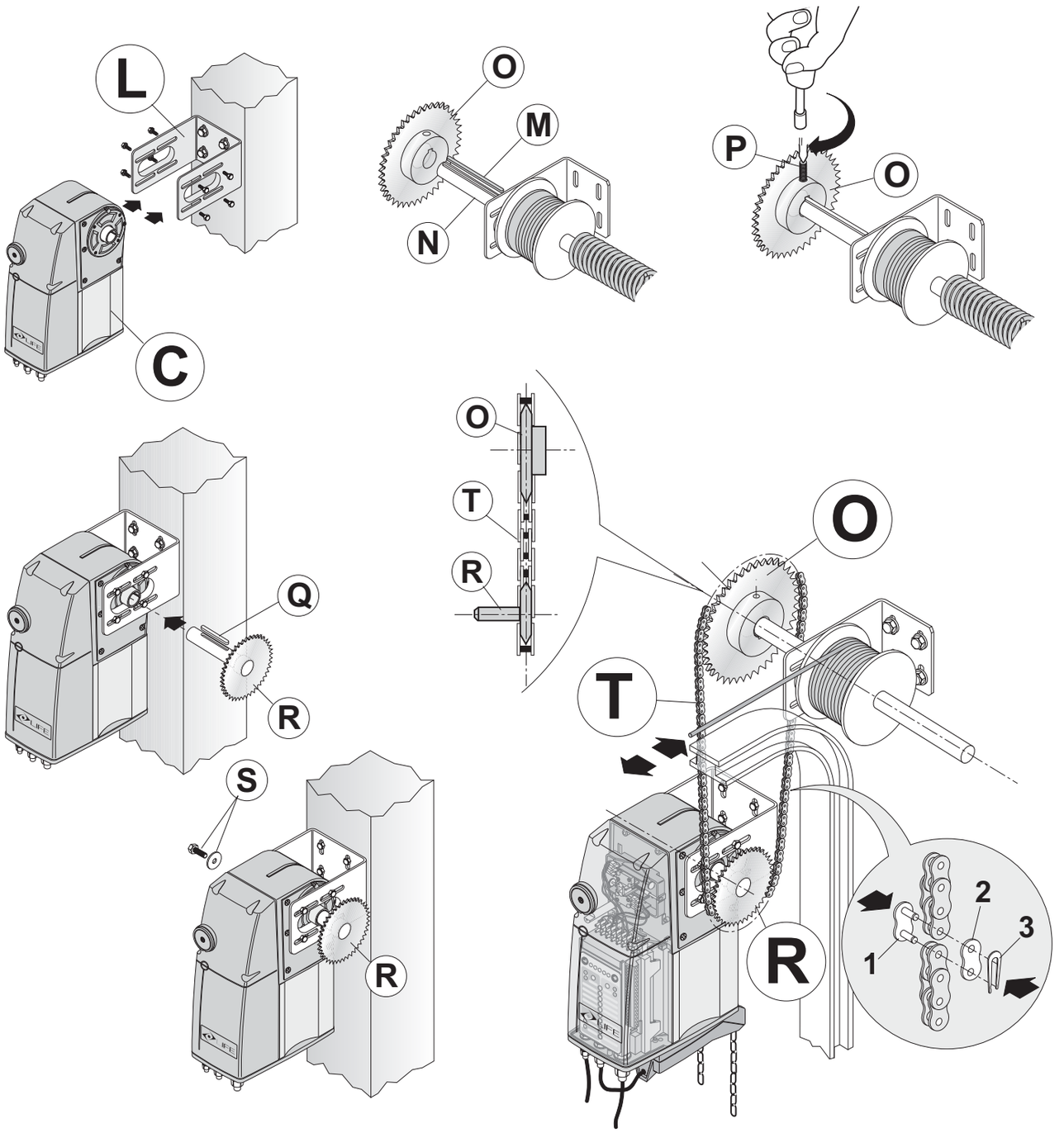






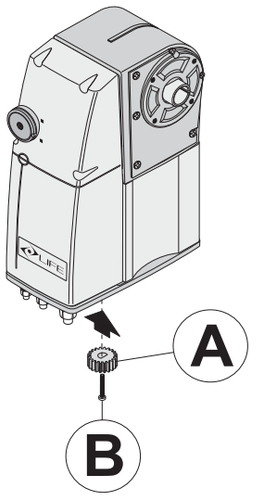


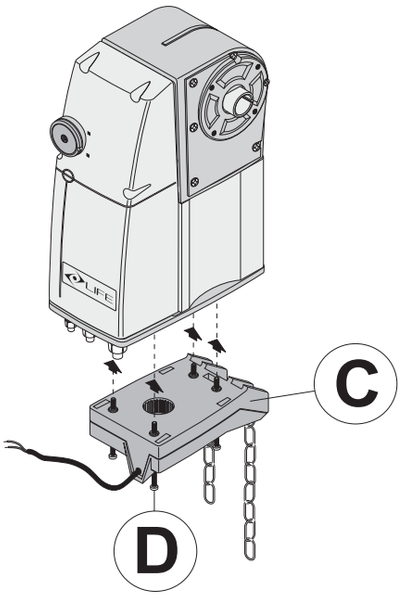
Secure the fixing bracket (L) to the motor (C) provvisoriamente.con screws endowment
Insert TAB (M) in tree cavity DOOR SPRINGS (N) introduce CROWN GEAR (H) TREE DOOR SPRINGS Z40 at the TAB and fix everything with the screw (P).
Then insert the TAB (Q) in the cavity of the tree with PINION Z26 Put then the 'MOTOR SHAFT WITH PINION into the hollow (R) and secure it with screws and washer (D).
Join the two ends of the chain (T) with the joint and insert on the crown (R) Z40 gear leaving hanging, release the motor and secure it to the wall, making sure that the two crowns sprockets are aligned perpendicular. (see drawing)



3 UNLOCK MOTOR

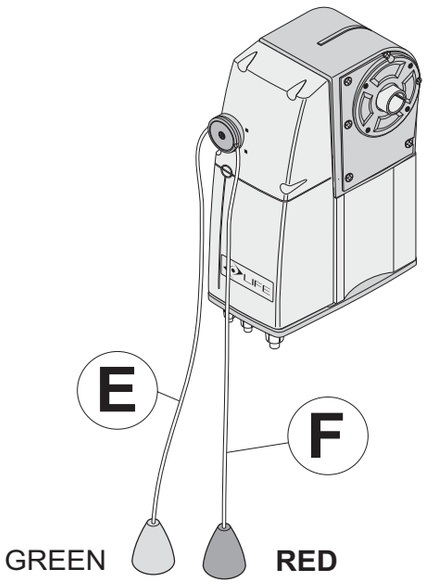
VISMV Manual unlock release chain.
fix the wheel (A) gear with the screw (B)
after fixing The UNLOCK CHAIN (C)
VIS motor to tighten the 4 screws (D)
a bit 'at a time



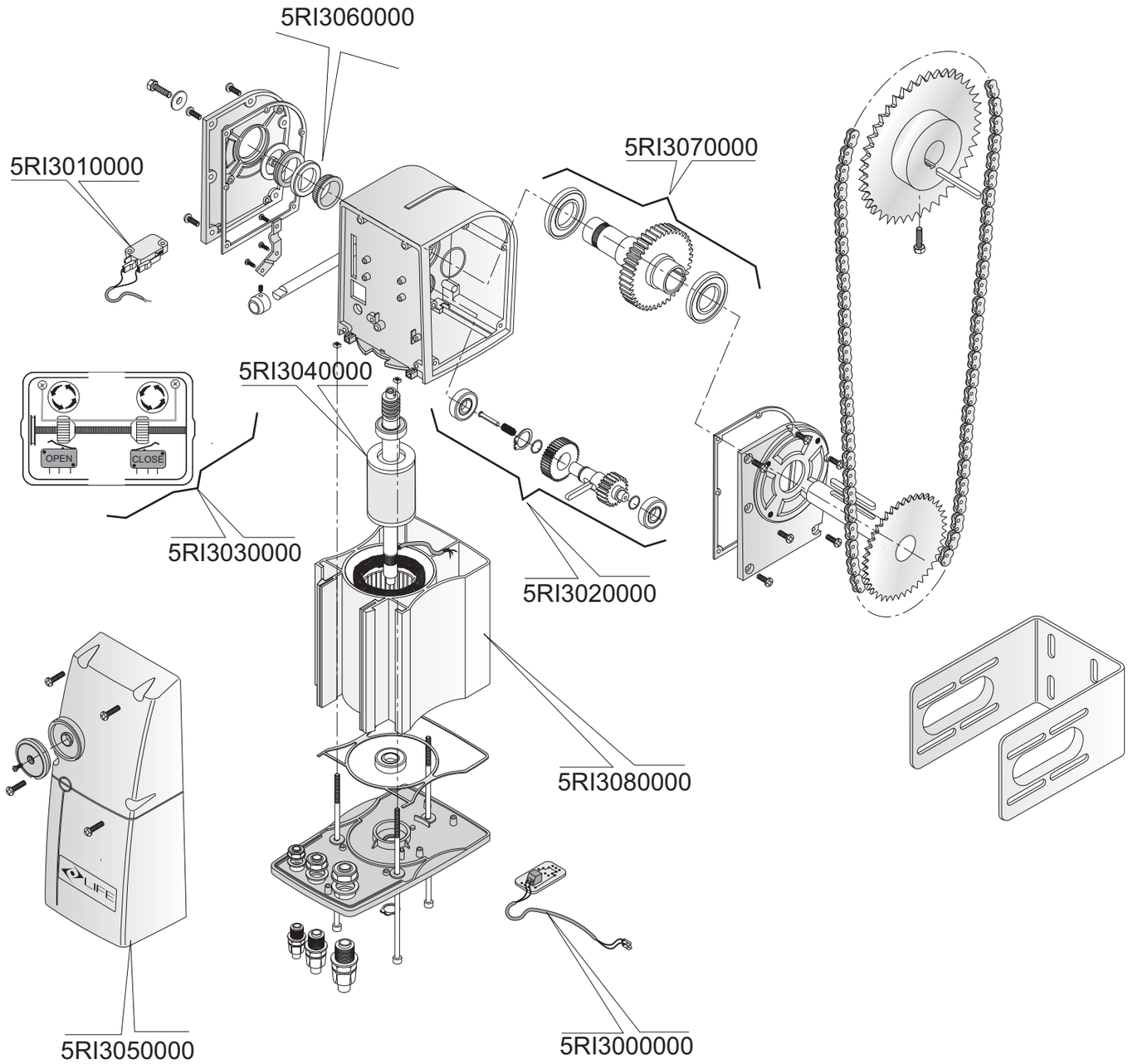


Please note that CONTACT N.C. RELEASE OF CONNECTED IN SERIES TO Go ANY OTHER CONTROL STOP.

CAUTION: To release the operator to pull down first and then move the chain to the right or left.



VISBLK: Manual unlock by pendulum (E) Green (F) red
Replace the release knob with that found inside the kit.


5RI3060000
5RI3010000
5RI3070000
5RI3040000
OPEN
CLOSE
5RI3030000
5RI3020000
5RI3080000
5RI3050000
5RI3000000

Declaration of conformity

CE

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

LIFE Home Integration
Via S.Pertini 3/5
31014 COLLE UMBERTO (TV)

declares that the following product:

VIS MOTOR

satisfies the essential requisites established in the following directives:

- Low voltage directive 98/37/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.

COLLE UMBERTO _____

Name of Signor: **MICHELE RUI**

Position: **PRESIDENT**

Signature:

Address: Via Sandro Pertini,3/5 31014 COLLE UMBERTO (TV) Italia

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