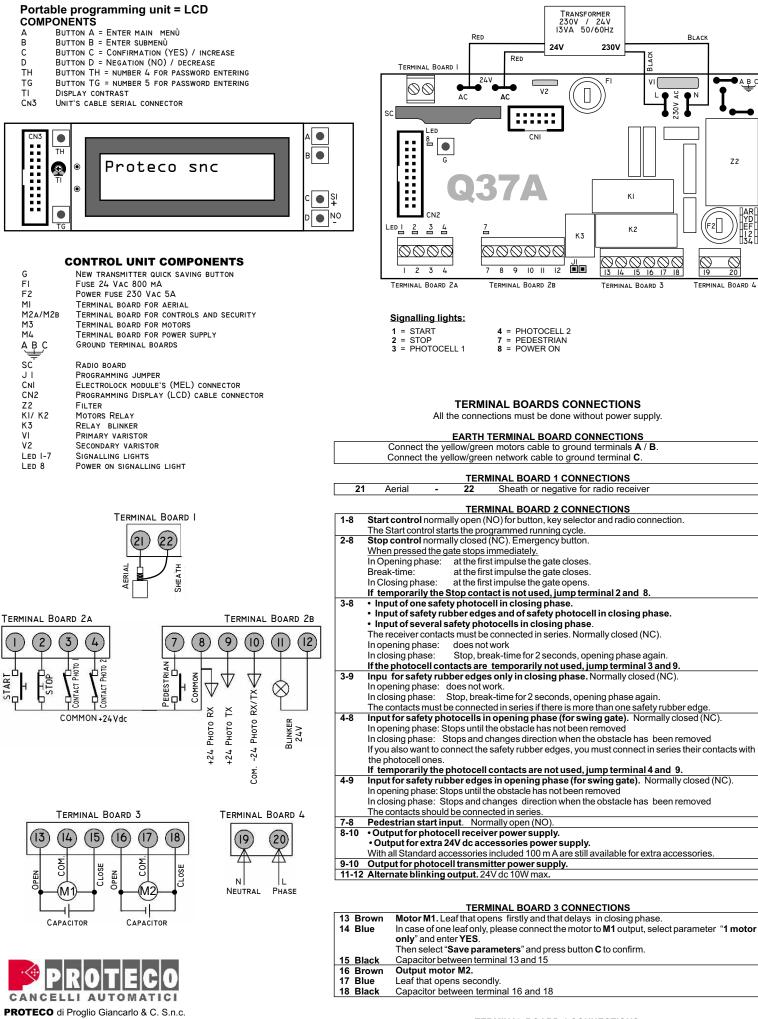
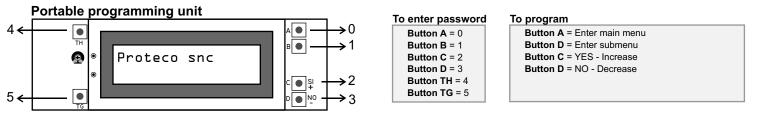
Q37A Control unit for swing gate 1 or 2 leaves



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TERMINAL BOARD 4 CONNECTIONS

19-20 Power input 230-240 V ac - 50/60 Hz. (19 = Neutral - 20 = phase)



BUTTON B

Parameters CHANGE PARAMETERS

Each time you press the button A, you enter in a menu;

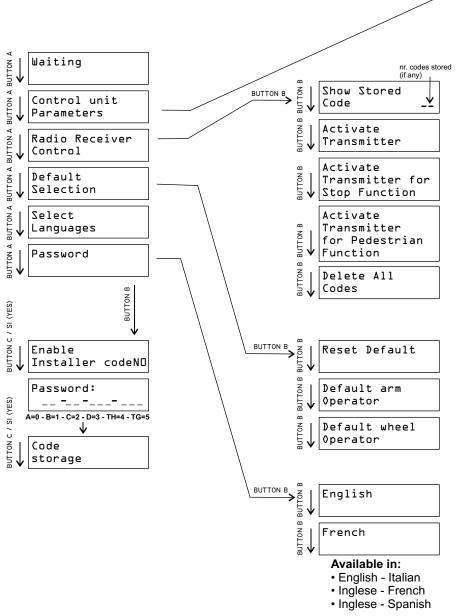
with the button B you can choose the suitable parameter.

In order to change the default parameters, use button C and D as follows: Button C: Increase, insert or confirm the chosen parameter

Button D: Decrease, deactivate or cancel the chosen parameter

When you change one or more parameters with the buttons **C** and **D**, you have then to save the new inputs by entering in to the function **"Save parameters**" (the last of the menu) and pressing the button **C** to confirm.

WARNING: If while programming no input is given for 40 seconds, the control unit will automatically come back to the stand by mode



PASSWORD	
A password is normally needed to enter to the unit's mer	

The control unit is delivered without any password in order to allow the user to program it for the first time.

ATTENTION: Please take note on this instructions manual, (that shall be kept in the future) of the saved user code (password).

The password consists of 4 strings, the first two with 2 numbers each and the last two with 3 numbers each. Numbers form 0 to 5 can be inserted by using buttons: A - B - C - D - TH - TG. (A=0-B=1-C=2 - D=3 - TH=4 - TG=5) Password:

-____ ____

Any time a user starts operating on the control board, a password will be requested. If the password is dialled properly, the control unit will automatically swift to the programming mode. If the password dialled is not correct, the control unit will swift back to the "Stand by" and the user won't be allowed to program.

Please repeat the action using the correct password.

		DEFAULT					
в	FUNCTIONS	Piston Operator	ART OPERATOR	WHEEL			
	First motor Working time	57	13	08	0 - 99		
	Second motor Working time	57	13	08	0 - 99		
	First motor Power	10	10	75	6 - 19		
	Second motor Power	10	10	15	6 - 19		
BUTTON B	First motor Final Deceleration	08	06	03	0 - 99		
BUTTON B	Second motor Final Deceleration	08	06	03	0 - 99		
BUTTON B BUTTON B BUTTON B	Phase Displacement Closing motor:	s 03	03	50	0 - 99		
	Automatic Closure Time	03	03	03	0 - 99		
BUTTON B	Pedestrian Opening time	07	07	03	0 - 99		
BUTTON B BUTTON B BUTTON B	Power of the Motors during Deceleration) 10	10	19	6 - 19		
	Closing pulse Time	2 00	00	03	0, ½, 1, 1 ½,		
	Water Hammer	ND	ND	IZ			
BUTTON B	Elettro-Lock	ND	ND	IZ			
	Condominial	ND	ND	ND			
	Automatic Closure	ZI	ZI	ZI			
	Pre-Blinking	ND	ND	ND			
	1 Motor optic	on NO	ND	ND			
	Final ⊅eceleration	ZI	ZI	ZI			
	Test for motors	IZ	ND	ZI			
utton b button b \leftarrow	Photocell tes	st SI	IZ	IZ			
	Parameteres Storage	ND	ND	ND			

		R PROGRAMMI			CONTRO	DL UNI	T PARAMETE	ERS PRO	OGRAMMII	NG
manufacturer to te		D DEFAULT CODES (used I ROGRAMMING THE RADIO			ontrol unit arameters	;	Method 1 = STAND Method 2 = SEQUE			
Control	SHOW SAVED CODES Saved codes form 1 to 50 will be showed on the display. With this function you can also DELETE A SINGLE CODE by pressing button D when the code appears on the display. During the scanning press the button D when the display shows the number of the code you want to erase				Warning: The control unit is preset with the PISTON operator default 1 Please check that the Motors connections correspond to the diagram 2 Please check that the Security devices connections correspond to the diagram NOTE: If temporarily you don't install photocells please jump terminals 3 and 9 If temporarily you don't install a security rubber edge, please jump terminals 4 and 9 3 Please check the Start and Stop buttons connections correspond to the diagram NOTE: Marcine Stop buttons connections correspond to the diagram If temporarily you don't use a Stop control, please jump terminals 2 and 8					
✓ ✓ Learn Transmitter code Method 1 - While keep the display _ □⊥ - Once the co	Method 1 = STA Method 2 = SEA ing pressed the tra to confirm the cod ode has been save	ER CODE LEARNING ANDARD Learning QUENTIAL Learning ansmitter chosen button, pre e saving. d a number (01 02 03) wi ave further codes)		c)	the radio receive Please let the g connections to Now give a fur with your needs Enter into the c	impulse by yer. gate finish a the control i ther START s and take n control unit j	DARD PROGRAMMI using a start button or a complete cycle (Ope unit have been done pr impulse, check the t ote programming menu by nd D button will change	a transmitter en Pause C roperly imes and the y pressing the	button previously Close) to check the functions that do A button, use bu	at all the n't match
the display Please rep - Remove Ju A double of	ing pressed the tra to confirm the cod eat the action to sa imper J1 (without o click of the relay		g process as been	Pi Pi	/hile the control u ress the button A ress several tim	init is power	ing time from 21 to 23 ed wait until the displa the display will sho n B until the display s will be increased up t	ay shows: w	Stand by Control un Parameters First moto Working ti First moto	r me 21
↓ Learn Transmitter with Stop Function □3	- While keepin a different b Pedestrian fu confirm the c		tton (please choose with the Start or C on the display to	Pr The	ress button C to s Motor 1 workin	ave the cha	until the display show nges. The display will d been increased up to e automatic closing fu	come back to 23 seconds.	Working tin Save Parameters Stand by	me 23 OFF
Learn transmitter	that the proc code has bee LEARNING A FUNCTION	1 02 03) will appear on the cess has been completed so an saved with the others.	ITH PEDESTRIAN	Pi Pi	While the control ress button A ress several tim	unit is powe	ered wait until the displa the display will sho on B until the display s	ay shows : ww	Stand by Control un Parameters Automatic Closure	it ON
for Pedestrian Function 04	a different be functions) pr code saving. - A number (0 that the prod	g pressed the transmitter bu utton from the one used wit ess once button C on the dis 1 02 03) will appear on th cess as been completed su en saved with the others.	th the Start or Stop splay to confirm the le display to confirm	Pi Pi		veral times save the cha	the display then wi until the display show nges. The display will nction is off.	لا د ۶	Automatic Closure Save Parameters Stand by	OFF OFF
↓ Delete All Codes	pressed button	odes will be deleted at once D until the display shows w Stored les		a) b) c)	Keep pressing Then: - If you want Release but will appear of - If you want to	ol unit is pov button B to install a ton B when on the displa o install a do ton B when	ouble leaf gate the following text:		only ial 3 00 C	R
G Q37A Th	his function is alwa berate on the cor lows: hile keeping press o check if that cod e gate should oper		any password. ay isn't needed) as as once the G button. a transmitter button:		button previous 1º Impulse 2º Impulse 3º Impulse 4º Impulse 5º Impulse 5º Impulse Wait until the ga Remove jumpe	sly saved on The gate w Give this in opening. T Give this completely Pause time Phase disp ate complete r J1. (Witho	ming the working time it the radio receiver: will OPEN mpulse when the gate impulse about 3 sec of open. Now wait for all e ends and the second placement time ends a ely finishes his closing ut cutting the power su ill confirm that the wor	e is at about by down ond after the I the time you v leaf (Motor 2) ind the first lea movement (th upply off)	30cm before the first leaf of the want to set the pau begin to close f too begin to clos he light will stop bli	complete gate has use time e nking)
Opening Photocell	Please check photocell connections	omalies Sigr	Start impulse transmitting	g) h)	If Opening , Cl - Repeat the "	osing, Slow Sequentia Indard prog	and check if the workir ing down or Pause tir I Programming " from gramming" (Method 1	ne are not suit step a)) and change	able to your needs only the chosen p	
Closing Photocell	l or alignment Please check photocell connections or alignment	Receiving Radio Signal	continuously Remote control transmitting continuously	- 1 E r c	But an impulse novement and a change the direct f you don't wan	l, the display omatically cl given while an impulse tion of the m t that any in	ose after the pause time the gate is opening given when the gate ovement. mpulse given in the c	ne. g will stop the is closing wi	► Automatic Closure N	ON
Open/Close Photocell	Please check both photocell connections	Motor 1 Error	Please check Motor 1 connections	۱ If th	would stop the ga	ate, please o	check that the Multi funct	i-users tion [is on N →	BUTTON D
Dpening:OOOL Stop	Please check the emergency stop button	Motor 2 Error	Please check Motor 2 connections	the	gate begins to a	open; at the npulse the g	second impulse the gate starts closing.	gate stops an		
Pedestrian Start	Pedestrian start impulse transmitting continuously	Both Motors Error	Please check both motors' connections		lti-users nction	If this	FI-USERS FUNCTION function is on, the co lse while the gate is in	ontrol unit will		

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MEMORANDUM FOR WIRING AND PROGRAMMING THE CONTROL UNIT Q37A

