T011A

SWING GATE CONTROL BOARD 230 VAC





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SAFETY INSTRUCTION

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

1011A Ver. 15215				
MENU NAVIGATION	T011A ver.	tb2115	2	FUNC
DISPLAY REPORT. 3 Image: Stand BW 3 Image	MENU NAV	/IGATION	3	
SIAND BY. 3 C. REMOTE TRANSMITTING. 3 SE STOP 3 E. STOP 3 E. STOP 3 E. M. TERNAL PHOTOCELL LOGIC 1/2. 3 E. M. THERNAL PHOTOCELLS. 3 C. J. (F. START/FAST CLOSURE START. 3 D. (F. C. OPEN / CLOSE. 3 P. (F. OPEN / CLOSE. 3 P. (F. OPEN / CLOSE. 3 M. (F. C. OPEN / CLOSE. 3 B. (F. DE MAN OPEN/CLOSE. 3 B. (F. DOMUS INPUT. 3 S. E. ASSISTANCE REQUEST. 3 B. (F. DOMUS RENOTE. 3 B. (F. DOTOCALL BROR. 3 B. (F. PHOTOCELL ERROR. 3 B. (F. MEMORY FULL. 3 D. (F. MEMORY FULL. 3 D. (F. MEMORY FULL. 3 D. (F. MEMORY FULL. 3 <td></td> <td></td> <td>3</td> <td></td>			3	
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EI INT.+EXT. PHOTOCELLS 3 INT.+EXT. 3	ER		 2	
Image: Construct of the second sec	FH			
PE PEDESTRIAN 3 PI /EL OPEN / CLOSE 3 PO /PI DEAD MAN OPEN/CLOSE 3 PO /PI DEAD MAN OPEN/CLOSE 3 PO /PI DEAD MAN OPEN/CLOSE 3 PO DOMUS INPUT 3 3 PO DOMUS INPUT 3 3 PI DOMUS REMOTE 3 7 PI DOMOR A/B ERROR 3 7 PI /PI DISTACLE DETECTED 3 PI <td< td=""><td> [] </td><td>/FG START/FAST CLOSURE START</td><td></td><td></td></td<>	 []	/FG START/FAST CLOSURE START		
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P / Isomotor A/B LIMIT SWITCH	Po	/ PC DEAD MAN OPEN/CLOSE	3	
Ea DOMUS INPUT 3 FL RANGE TEST REMOTE 3 EL ELECTRIC-LOCK. 3 OL DOMUS REMOTE 3 OL CONTROL BOARD DAMAGED 3 IL PHOTOCELL ERROR 3 SL ASSISTANCE REQUEST. 3 IA /Ib MOTOR A/B ERROR 3 IA /Ib OBSTACLE DETECTED 3 IA /Ib OBSTACLE DETECTED 3 INSTALLING RADIO MODULE 4 4 CONNECTIONS 5 5 GLOSSARY 6 5 STAND BY 6 6 OPENING 6 6 PAUSE 6 6 CLOSING 6 5 STAP 6 6 OPENING 6 5 STAP 6 5 STAP 6 5 OPENING 6 5 STAP 6 5 STAP 6 5 STAP 6	8	/ D MOTOR A/B LIMIT SWITCH	3	
FE RANGE TEST REMOTE	Εο	DOMUS INPUT	3	
EL ELECTRIC-LOCK	rE	RANGE TEST REMOTE	3	
Image: Control Board Damaged. 3 Image: Control Board Damaged. 4 Control Board Damaged. 6 Stand Board Damaged. 6 Stand Damaged. 6 <td>EL</td> <td>ELECTRIC-LOCK</td> <td>3</td> <td>TEST.</td>	EL	ELECTRIC-LOCK	3	TEST.
Image: Control Board Damaged	οĹ	DOMUS REMOTE	3	
Image: Photocell ERROR 3 Image: Sister Construction of the second state of the second	DE	CONTROL BOARD DAMAGED	3	
SL ASSISTANCE REQUEST	1 2	PHOTOCELL ERROR	3	REST
9 A / 9 b MOTOR A/B ERROR 3 7 B / 7 b OBSTACLE DETECTED 3 F F MEMORY FULL 3 0 9 9 MOTOR STRESS 3 INSTALLING RADIO MODULE 4 TYPICAL INSTALLATION 4 CONNECTIONS 5 GLOSSARY 6 STAND BY 6 OPENING 6 CLOSING 6 STOP 6 CLOSING 6 STOP 6 NPUT TYPES 6 INPUT TYPES 6 INPUT TYPES 6 INPUT TYPES 6 START COMMANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 AT AT AT DELAY AT CLOSING AT DELAY AT CLOSING AT 7	5 L	ASSISTANCE REQUEST	3	NL51
Image:	<u> 9 </u>	/ <u> </u> MOTOR A/B ERROR	3	
[]]] MEMORY FULL		/ 게Ь OBSTACLE DETECTED	3	REIVIN
IDIa IDIS MOTOR STRESS		MEMORY FULL	3	
INSTALLING RADIO MODULE	00	a 🗐 🕙 MOTOR STRESS	3	
TYPICAL INSTALLATION. 4 CONNECTIONS. 5 GLOSSARY. 6 STAND BY 6 OPENING 6 PAUSE. 6 CLOSING 6 STOP. 6 OPENING 6 STOP. 6 OPENING 6 STOP. 6 OPENING 6 STOP. 6 CLOSING 6 INPUT TYPES. 6 INPUT TYPES. 6 INPUT IS ACTIVATED 6 START COMMANDS 6 SAFETY COMMANDS 6 STANDARD WORKING CYCLE. 6 MOTOR A SETTINGS. 7 PII / PI2 STANDARD/SLOWDOWN WORKING TIME. PI3 STANDARD/SLOWDOWN WORKING TIME. PI3 STANDARD FORCE. 7 PI5 SLOWDOWN FORCE. 7 PI3 STANDARD OBSTACLE SENSOR THRESHOLD 7 PI3 SLOWDOWN OBSTACLE DETECTION THRESHOLD 7	INSTALLING	3 RADIO MODULE	4	
CONNECTIONS. 5 GLOSSARY. 6 STAND BY 6 OPENING 6 PAUSE. 6 CLOSING 6 STOP. 6 OPENING 6 STOP. 6 OPENING 6 STOP. 6 CLOSING 6 STOP. 6 OPENING 6 STOP. 6 INPUT TYPES. 6 INPUT TYPES. 6 INPUT IS ACTIVATED 6 START COMMANDS 6 START COMMANDS 6 STANDARD WORKING CYCLE. 6 MOTOR A SETTINGS. 7 PIJ / PI2 STANDARD/SLOWDOWN WORKING TIME. PI3 STANDARD FORCE. 7 PI5 STANDARD FORCE. 7 PI5 SLOWDOWN FORCE. 7 PI3 SLOWDOWN FORCE. 7 PI3 SLOWDOWN OBSTACLE SENSOR THRESHOLD 7 PI3 SLOWDOWN OBSTACLE DETECTION THRESHOLD 7	TYPICAL IN	STALLATION	4	
GLOSSARY	CONNECTIO	ONS	5	
STAND BY 6 OPENING 6 PAUSE 6 CLOSING 6 STOP 6 OPENING 6 STOP 6 OPENING 6 STOP 6 OPENING 6 STOP 6 INPUT TYPES 6 INPUT IS ACTIVATED 6 START COMMANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 Ø! JELAY AT CLOSING Ø! DELAY AT CLOSING Ø! SLOWDOWN FORCE Ø! SLOWDOWN FORCE Ø! SLOWDOWN OBSTACLE SENSOR THRESHOLD Ø! SLOWDOWN OBSTACLE DETECTION THRESHOLD	GLOSSARY.		6	
OPENING 6 PAUSE 6 CLOSING 6 STOP 6 OPENING 6 STOP 6 CLOSING 6 INPUT TYPES 6 INPUT IS ACTIVATED 6 START COMMANDS 6 START COMMANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 Ø. 7 Ø. STANDARD/SLOWDOWN WORKING TIME Ø. 9 DELAY AT CLOSING 7 Ø. STANDARD FORCE Ø. 7 Ø. SLOWDOWN FORCE Ø. SLOWDOWN OBSTACLE SENSOR THRESHOLD Ø. SLOWDOWN OBSTACLE DETECTION THRESHOLD	STAN	ND BY	6	
PAUSE 6 CLOSING 6 STOP 6 OPENING 6 STOP 6 OPENING 6 STOP 6 CLOSING 6 INPUT TYPES 6 INPUT IS ACTIVATED 6 START COMMANDS 6 START COMMANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 PII / PIZ STANDARD/SLOWDOWN WORKING TIME 7 PII DELAY AT CLOSING 7 PIS STANDARD FORCE 7 PIS SLOWDOWN FORCE 7 PIS STANDARD OBSTACLE SENSOR THRESHOLD 7 PIS SLOWDOWN OBSTACLE DETECTION THRESHOLD 7	OPE	NING	6	
CLOSING	PAU	SE	6	
STOP	CLOS	SING	6	
OPENING 6 STOP. 6 CLOSING 6 INPUT TYPES. 6 INPUT IS ACTIVATED 6 START COMMANDS 6 SAFETY COMMANDS 6 STANDARD WORKING CYCLE. 6 MOTOR A SETTINGS. 7 PII / PIE STANDARD /SLOWDOWN WORKING TIME. 7 PII / PIE STANDARD FORCE. 7 PIE STANDARD FORCE. 7 PIE STANDARD OBSTACLE SENSOR THRESHOLD. 7 PIE SI OWDOWN OBSTACLE DETECTION THRESHOLD. 7	STO	Ρ	6	
STOP	OPE	NING	6	TERN
CLOSING	STO	Р	6	
INPUT TYPES	CLOS	SING	6	
INPUT IS ACTIVATED 6 START COMMANDS 6 SAFETY COMMANDS 6 STANDARD WORKING CYCLE. 6 MOTOR A SETTINGS. 7 Ø! / Ø! STANDARD WORKING CYCLE. 6 MOTOR A SETTINGS. 7 Ø! / Ø! STANDARD/SLOWDOWN WORKING TIME. 7 Ø! JELAY AT CLOSING. 7 Ø! DELAY AT CLOSING. 7 Ø! SLOWDOWN FORCE. 7 Ø! SLOWDOWN FORCE. 7 Ø! STANDARD OBSTACLE SENSOR THRESHOLD. 7 Ø! SLOWDOWN OBSTACLE DETECTION THRESHOLD. 7	INPU		6	
START COMMANDS 6 SAFETY COMMANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 Ø] /Ø] STANDARD/SLOWDOWN WORKING TIME 7 Ø] STANDARD/SLOWDOWN WORKING TIME Ø] STANDARD/SLOWDOWN WORKING TIME Ø] STANDARD/SLOWDOWN WORKING TIME Ø] STANDARD/SLOWDOWN WORKING TIME Ø] STANDARD FORCE Ø] SLOWDOWN FORCE Ø] STANDARD OBSTACLE SENSOR THRESHOLD Ø] SLOWDOWN OBSTACLE DETECTION THRESHOLD			6	
SAFETY COMMIANDS 6 STANDARD WORKING CYCLE 6 MOTOR A SETTINGS 7 Ø] / Ø] STANDARD/SLOWDOWN WORKING TIME 7 Ø] STANDARD/SLOWDOWN WORKING TIME 7 Ø] STANT UP TIME 7 Ø] DELAY AT CLOSING 7 Ø] STANDARD FORCE 7 Ø] SLOWDOWN FORCE 7 Ø] STANDARD OBSTACLE SENSOR THRESHOLD 7 Ø] SLOWDOWN OBSTACLE DETECTION THRESHOLD 7	SIAF		b с	
MOTOR A SETTINGS	SAFE		0 6	
Importance Importance <td></td> <td></td> <td></td> <td></td>				
Image: Provide and the standard structure of the standard of the standa			/	
Image: Start op time 7 Image: Start op timage: Start op time 7	83		·····/ ح	
BIS STANDARD FORCE	ा <u>ज</u> ्ज हिपि		/	
Image: Standard Force	85		·/ 7	
Image: Stowbown Force Image: Stowbown Force <td< td=""><td>86</td><td></td><td>7</td><td></td></td<>	86		7	
BIO STANDARD ODSTACLE SENSOR TIRESTOLD WI BIO SLOWDOWN OBSTACLE DETECTION THRESHOLD 7	87		7	
	88		7	WOR
		SEGMED WIN OBSTACLE DETECTION THRESHOLD.		
			۲ ه	
	되고		ō	
	되고		٥٥	
			o o	
	55		ەە ي	
	57		ی م	OBST
BIS SIOWDOWN OBSTACLE DETECTION THRESHOLD 8	58		 R	

2	FUNCTIONS	9
3	ED AUTO-CLOSE FUNCTION	9
	EII PEDESTRIAN TIME	9
	FZ KICK BACK FUNCTION AT CLOSING	9
	E ヨ PRE-BLINKING TIME	9
3	E ビ KICK BACK FUNCTION AT OPENING	9
3	「「」 and 「「」 START COMMANDS FUNCTIONALITY	9
3	FD FAST CLOSURE	9
3	EB PHOTOCELLS LOGIC	9
3	ELECTRIC LOCK	9
3	COLD WINTER FUNCTION	9
3	SINGLE LEAF MODE	9
3	노마 SAFETY BY PASS FUNCTION	10
3		10
3		10
3		10
3	TEST	10
3 2	EI/ PHOTOCELLS TEST	10
	EPP MOTORS TEST	10
		11
	네미 FACTORY SETTINGS	11
3		12
	노郎 ERASE A REMOTE KEY	12
3	SAVING A REMOTE KEY	12
4	<u> に</u> げ」 START	12
ч л		12
4 -		12
5		12
6		12
6 c		12 12
	OPEN, CLOSE, DEAD MAN, RANGE TEST, EL-LOCK	12
6	OPEN, CLOSE, DEAD MAN, RANGE TEST, EL LOCK	12
6	FAR REMOTE SAVING	12
6	TERMINAL BLOCK SETTINGS	13
6	DISABLED.	13
6	SE STOP	13
6	EL EXTERNAL PHOTOCELL LOGIC 1	13
6	토团 EXTERNAL PHOTOCELL LOGIC 2	13
6	と周 INTERNAL PHOTOCELL	13
6	Go start	13
b _	PE PEDESTRIAN	13
7	네온 / 네스 OPEN / CLOSE	13
/ ::::::/ ح	면희 / 민리 DEAD MAN OPEN / CLOSE	13
/ ح	IBILI MOTOR A LIMIT SWITCHES	13
/۲ ح		13
		13
		13
LD7		14
		14
1E8		14
8		14 11
8		14 14
8	DOUBLE LEAF INSTALLATION	14
8		
D8		
LD8		دى ۲ <i>۲</i>
		1/
		X

T011A ver. tb2115



You can choose to install RX module inside flashing lamp or antenna to



INPUT CONNECTIONS

PHOTOCELLS		24\	/ DC	TVDE	PIN		PARAMETER		AMETED
		+	-	IIFL					
EXTERNAL	тх	9	10						
(closing)	RX	8	10	N.C.	3	8		<u> 2 3</u>	
INTERNAL	тх	9	10						
(opening)	RX	8	10	N.C.	4	8			
INPUTS FUNCTIONS						Р	IN	PARAMETER	
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BOARD COMPONENTS

A	Button A
В	Button B
C	Button C
D	Button D
F1	250 VAC power fuse 5A
F2	Motor B protection fuse 2A
F3	Motor A protection fuse 2A
F4	Resettable fuse 24V 1.6A
F5	Resettable fuse 24V 0.6A
A B C-	Ground terminals
SOCKET	Electric-lock socket
SOCKET	Expansion socket
V1	Primary varistor
V2	Secondary varistor
1 to 20	Terminal block pins

RESETTABLE FUSE



AFTER A SHORT-CIRCUIT TURN OFF THE CONTROL BOARD. REMOVE THE SHORT-CIRCUIT, WAIT FOR AT LEAST 60 SECONDS. TURN ON THE CONTROL BOARD.

OUTPUT CONNECTIONS				
MOTORS	OPEN	COMMON	CLOSE	
Motor A	13	14	15	
Motor B	16	17	18	
FLASHING L	AMP 24V 20V	V 24V	DC 400 mA	
11	12	8+	10 -	
DOMUS	Multi fun	ctions module	(optional)	
ELSER	12 Volt Elect	ric lock modul	e (optional)	
	Gate op lock, sir gate, ga applicat	In the second seco	COD. ELSERAT	



DISPLAY REPORT

DISPLAY		DESCRIPTION			
	STAND BY	The control board is waiting for a command.			
	REMOTE TRANSMITTING	A remote key is pressed. The display showing a dot.			
SE	STOP	Stop input open (Terminal block 2 N.C. , E = 5 と). Stop remote key pressed, stored using 「ご function.			
EC / Eð	EXT. PHOTOCELL 1/2	ternal photocell input open (Terminal block 3,4 N.C. , $E3 = EC/Ed$ or $E4 = EC$).			
ER	INT. PHOTOCELL	Internal photocell input open (Terminal block 4 N.C. , \underline{E} , \underline{F}).			
FH	INT.+EXT. PHOTOCELLS	External + Internal photocell inputs open.			
Go / FG	START / FAST CLOSURE START	Start input closed (Terminal block 1 N.O. , 토가 = 도쿄). Start remote key pressed, stored using 도가 (도쿄)or 도명 (F도)functions.			
PE	PEDESTRIAN	Pedestrian input closed (Terminal block 7 N.O. , Eコ = アE). Pedestrian remote key pressed, stored using cョ function.			
0 P / C L	OPEN / CLOSE	Open/Close input closed (Terminal block 1,7 N.O., Eノ = ロアノビレ or Eフ = ロアノビレ). Open/Close remote key pressed. Stored using programmable radio functions こら, こフ, こ思.			
PojPC	DEAD MAN OPEN/CLOSE	Dead man open/close input closed (Terminal block 1,7 N.O., EI = Po/PC or EI = Po/PC). Dead man open/close remote key pressed. Stored using programmable radio functions.			
<u>я</u> / Ш	MOTOR A/B LIMIT SWITCH	Motor A/B limit switch input closed (Terminal block 2,4 N.O. , $E = R / b$ or $E = R / b$).			
Εο	DOMUS INPUT	Domus input closed (Terminal block 1,7 N.O . , E了 = Eo or E7 = Eo).			
٢Ŀ	RANGE TEST REMOTE	Range test remote key pressed, stored using programmable radio functions にも, につ, にの.			
EL	ELECTRIC LOCK	Electric-lock input closed (Terminal block 1,4,7 N.O. 토가, 토막, 토구 = 토토) . Electric-lock remote key pressed. Stored using programmable radio functions.			
οĽ	DOMUS REMOTE	Domus remote key pressed, stored using H1, H2, H3 or H4 (DOMUS EXPANSION).			
ΟĿ	CONTROL BOARD DAMAGED	Control board damaged, replace it.			
ΠΕ	PHOTOCELL ERROR	Parameter ET PHOTOCELLS TEST is set to T ENABLED. The photocells test failed: wiring error, installation error or damaged device.			
<u>SL</u>	ASSISTANCE REQUEST	Gate has completed [15] working cycles. Display shows 5[]. Each 20 minutes the flashing lamp is on for 1 minutes. Press a control board buttons to reset the assistance request.			
<u>9</u> r / 96	MOTOR A/B ERROR	Parameter 논 은 MOTOR TEST is set to 57 ENABLED . The motor A/B test failed: wiring error, thermal state, burnt fuse, or damaged motor.			
7 R / 7 6	OBSTACLE DETECTED	Parameter \boxed{B} / \boxed{b} TANDARD OBSTACLE THRESHOLD is enabled (set from \boxed{D} to $\boxed{9}$). An obstacle has been detected during the standard working time \boxed{B} . Causes: obstacle on the gate pathway or tuning error.			
FF	MEMORY FULL	You are trying to store a remote but the control board memory is full. The remote cannot be stored. Erase a remote to save a new one ($\boxed{\square}$ single erase or $\boxed{\square}$ total erasing).			
From 🛛 🗍 to 🛛 🕄 🕄	MOTOR STRESS	During opening, display shows motor A stress. During closing, display shows motor B stress. The stress is shown as number from 고미 OFF to 의의 MAX.			

INSTALLING RADIO MODULE

You can choose to install the radio module inside the flashing lamp or antenna to increase the signal range.



TYPICAL INSTALLATION







LOCK

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GLOSSARY

STAND BY	Gate fully closed, safety devices inactive, flashing lamp off, and control board ready for a working cycle.						
OPENING	Gate is i	Gate is in opening phase. Flashing lamp blinks rapidly (0.3 seconds on and 0.2 seconds off).					
PAUSE	Gate cor	Gate completely open, paused, waiting for closure. Flashing lamp on.					
CLOSING	Gate is i	n closing phase. Flashing	lamp blinks slowly(0.6	seconds on and 0.4 seconds off)			
STOP OPENING	Gate sto	Gate stopped during opening. A start command will invert the gate movement. Flashing lamp off.					
STOP CLOSING	Gate sto	pped during closing. A si	tart command will inve	rt the gate movement. Flashing l	amp off.		
INPUT TYPES	Input fro 1, E 2 in Input fro closure,	Input from terminal blocks: Each pin of the terminal block is linked to a programmable parameter: Input from terminal blocks: Each pin of the terminal block is linked to a programmable parameter: Input from remote key: A remote key can be stored as: Imput from remote key: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key can be stored as: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key can be stored as: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key can be stored as: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key can be stored as: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key: Input from remote key: A remote key can be stored as: Imput from remote key: A remote key:					
INPUT IS ACTIVATED	An input is activated when its state changes from the standard state. For instance a photocell is activated when the light beam from the transmitter to the receiver is broken. A generic switch, push-button or remote key is activated when it is pushed down. All these actions are displayed on the control board. When more inputs are activated at the same time the control board shows only the most critical input. The order from the most critical to the least critical input is:						
	<u>5</u> E =	EC =	<u>E</u> <u></u> =	<u> </u>	PE =		
	stop	external photocell	internal photocell	start or fast closure start	pedestrian start		
START COMMANDS	The start commands are: START, PEDESTRIAN START, FAST CLOSURE START, OPEN, and CLOSE . The start command modes can be chosen by programming the F5 and F6 parameters.						
SAFETY COMMANDS	The safety commands are: STOF , INTERNAL PHOTOCELL and EXTERNAL PHOTOCELL . The stop commands always stop the gate movement. The photocells logic is programmed by the parameter FB (see FB description).						
STANDARD WORKING CYCLE	A standa board st Motor B progress the cont	ard working cycle starts v ate is in stand by . Motor starts closing. 기억 seco s, the PEDESTRIAN START co rol board returns to stan	when a START, FAST CLOSU A opens first. <u>b</u>	IRE START or OPEN command is issued onds later, Motor B stars opening is closing. When a standard work is START commands. The working nality can be modified with adva	ued and the control g. After FD seconds, king cycle is in cycle is finished when unced programming.		

MOTOR A SETTINGS



WORKING TIME R I Standard R I Slowdown	Motor A opens/closes for $\boxed{B[I]}$ seconds then it slows down for $\boxed{B[Z]}$ seconds. Motor A opens first. During the standard working time $\boxed{B[I]}$ the motor force is $\boxed{B[S]}$. During the slowdown working time the motor force is $\boxed{B[S]}$. To disable the slowdown set $\boxed{B[Z]}$ to $\boxed{D[D]}$. MIN – MAX : 00 – 99 SECONDS
START UP TIME	Is the start up time of motor A. During this time the force of motor A increases constantly until it reaches its maximum power. The obstacle sensor is disabled. MIN – MAX : 0.1 – 1.5 SECONDS
DELAY AT CLOSING	The gate leaf A is delayed of RY seconds during closure to avoid leaf overlapping.
R H	MIN – MAX : 00 – 99 SECONDS
STANDARD FORCE	Is the force of motor A during the standard working time I.
<u>8</u> 5	MIN – MAX : 03 – 10
SLOWDOWN FORCE	BS is the force of motor A during the slowdown working time BS.
86	MIN – MAX : 06 – 10
STANDARD OBSTACLE SENSOR THRESHOLD	 During the standard working time A. when motor A stress is higher than A. If the slowdown obstacle detection threshold A. are enabled then motor A inverts its movement while the motor B stays off. If motor A was closing, it opens completely. If motor A was opening, it closes for 2 seconds then it stops. Until the control boards returns to stand by: During the opening motor B starts moving only when motor A finishes its run. During the closing motor A starts moving only when motor B finishes its run. This functionality is active once per working cycle. If an obstacle is detected more than once: motor A finishes its run. If the slowdown obstacle detection threshold A. If the slowdown obstacle detection threshold A. or the slowdown working time A. are disabled motor A finishes its run. If the slowdown obstacle detection threshold A. or the slowdown working time A. are disabled motor A finishes its run. If the slowdown obstacle detection threshold A. or the slowdown working time A. are disabled motor A finishes its run. During the opening, for the standard working time A. are disabled motor A finishes its run. During the opening, for the standard working time A. are disabled motor A finishes its run. During the opening. are disable the obstacle detection sensor during the standard working time A. are A. be lower than 99. To disable the obstacle detection sensor during the standard working time A. are A. be lower than 99. To set A. are A. be lower than 99. To set A. be obstacle detection sensor during the standard working time A. be lower than 99. To set A. be lower than 99. To set A. c. A.
SLOWDOWN OBSTACLE DETECTION	 During the slowdown working time Bel, when the motor A stress is higher than Be: Motor A finishes its run
THRESHOLD	During the opening, for the slowdown working time B2 , the display shows motor A stress.
88	00 is the minimum, 99 is the maximum. The maximum value depends on the motor and can be lower than 99 . To disable the obstacle detection sensor during the slowdown working time B set B = no . To set B = no hold down or keep pressing button C. Programmable 0 to 99. After 99 the display shows no .

MOTOR B SETTINGS



WORKING TIMEblStandardblSlowdown	Motor B opens/closes for b가 seconds then it slows down for b고 seconds. Motor B closes for first. During the standard working time b가 the motor force is b도. During the slowdown working time the motor force is b도. To disable the slowdown set b고 to 고고. MIN – MAX : 00 – 99 SECONDS
START UP TIME	▶ is the start up time of motor B. During this time the force of the motor increases constantly until it reaches its maximum power. The obstacle sensor is disabled. MIN – MAX : 0.1 – 1.5 SECONDS
DELAY AT OPENING	The gate leaf B is delayed of by seconds during opening to avoid leaf overlapping.
ЬЧ	MIN – MAX : 00 – 99 SECONDS
STANDARD FORCE	bs is the force of motor B during the standard working time bf.
<i>b</i> 5	MIN – MAX : 03 – 10
SLOWDOWN FORCE	bら is the force of motor B during the slowdown working time bこ.
bb	MIN – MAX : 06 – 10
STANDARD OBSTACLE DETECTION THRESHOLD b 7	 During the standard working time ⓑ⊥, when motor B stress is higher than ⓑ□: If the slowdown obstacle detection threshold ⓑ∅ and the slowdown working time ⓑ₂ are enabled then motor B inverts its movement while the motor A stays off. If motor B was closing, it opens completely. If motor B was opening, it closes for 2 seconds then it stops. Until the control boards returns to stand by: During the opening motor B starts moving only when motor A finishes its run. During the closing motor A starts moving only when motor B finishes its run. This functionality is active once per working cycle. If an obstacle is detected more than once: motor B finishes its run. If the slowdown obstacle detection threshold ⓑ∅ or the slowdown working time ⓑ₂ are disabled motor B finishes its run. During the closing, for the standard working time ⓑ1, the display shows motor B stress. 00 is the minimum, 99 is the maximum. The maximum value depends on the motor and can be lower than 99. To disable the obstacle detection sensor during the standard working time ⓑ1 set ⓑ1 = n. To set ⓑ1 = n. hold down or keep pressing button C. Programmable 0 to 99. After 99 the display shows no.
SLOWDOWN OBSTACLE DETECTION THRESHOLD	 During the slowdown working time b2, when the motor B stress is higher than b8: Motor B finishes its run During the closing, for the slowdown working time b2, the display shows motor B stress. 00 is the minimum, 99 is the maximum. The maximum value depends on the motor and can be lower than 99. To disable the obstacle detection sensor during the slowdown working time b2 set b8 = no. To set b8 = no hold down or keep pressing button C. Programmable 0 to 99. After 99 the display shows no.

FUNCTIONS

AUTO-CLOSE FUNCTION	The gate starts the closing phase FD sec after being fully open. To disable the auto-close function set FD to 5도. To set 5도 press and hold button C until the display shows 5도.					
FD	MIN – MAX : 00 – 99 SECONDS					
PEDESTRIAN TIME	A pedestrian command opens th	A pedestrian command opens the motor A for FII seconds.				
FI	MIN – MAX : 00 – A1 SECONDS					
KICK BACK FUNCTION AT CLOSING	In the closing phase, after the slov seconds long. The obstacle sensor	vdown, the control boa is disabled for the sam	rd issues a rar e amount of ti	np pulse to motor A. This pulse is 토고 me. After the pulse ends the closing		
F Z	phase is completed. This function can be useful when the electric lock is installed and the motor A slowdown force alone is not able to close the gate completely. MIN – MAX : 0.0 – 1.0 SECONDS					
PREBLINKING TIME	Before starting the motors, the fla	shing lamp blinks for F	🖪 seconds. Af	ter this time the flashing lamp will		
F3	continue blinking and the motors MIN – MAX : 0.0 – 5.0 SECONDS	will start.				
	$F = 5 / \rightarrow ENABLED$ Before opening motor A closes for	$F = n \circ \rightarrow DISABLEI$	D De release of th	ae electric lock. The obstacle detection		
FY	sensor is disabled during this time					
START COMMANDS	STANDARD SETTING	COMMUNITY I	MODE	STEP-BY-STEP SETTING		
FUNCTIONALITY	F6 = no and F5 = no F6 = 51 F6 = no and F5 = 5			<u> </u>		
<u>F 5</u>	At opening: The start commands	At opening: The start of	commands	At opening: The start commands stop		
FБ	stop the gate movement.	do not have any effect	t.	the gate movement.		
	At closing: The start commands invert the gate movement .	At closing: The start co invert the gate movem	ommands ient	At closing: The start commands stop the gate movement.		
FAST CLOSURE	$F_{} = 5_{} \rightarrow All \text{ start commands issue } FAST CLOSURE START commands$					
F 7	$ L = D D \rightarrow Only remote controllers saved as L issue a FAST CLOSURE START command.Fast closure means that during the first opening the gate starts to close 5 seconds after the photocells (internal$					
	and external or external and internal) have been activated					
PHOTOCELLS LOGIC	$F = 57 \rightarrow \text{STANDARD MOD}$)E	F8 = no ->	SLIDING MODE		
FB	During the opening:	ivated the control	<u>During the op</u>	<u>pening:</u>		
	board stops the opening. When th	e internal photocell is	stops the ope	ening and starts the closing. After 3		
	deactivated the control board con	tinues the opening.	seconds the o	closure is stopped and the control board		
	any effect instead. State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not have State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of the external photocell does not State is stop-opening. The activation of The activ					
	<u>During the closing:</u> If the external photocell is activate	ed the control board	have any effe	ct Instead. osina:		
	stops the closing and starts the op	ening.	If the externa	I photocell is activated the control		
	If the internal photocell is activated the control board board stops the closing and starts the opening. Stops the closing and waits for the opening. The opening The activation of the internal photocell does not have been been been been been been been be					
	starts only when the internal phot	ocell is deactivated.	any effect ins	tead.		
ELECTRIC LOCK	$LO = 5D \rightarrow \text{ENABLED}$ $LO = 6O \rightarrow \text{DISABLED}$ The electric leady is disclosed. The electric leady is disclosed in the electric leady is disclosed.					
LO	module must be installed on the e	lectric lock socket.	is not installe	d on the electric lock socket.		
COLD WINTER FUNCTION	This function is useful to warm up motors and control board. It works in cycles. Each cycle lasts 10 min. In each cycle the motors are turned on at the minimum power for L1 min. The cold winter function starts after 10 min when the gate is completely open or closed. The motors are turned on at the open of each cycle. For instance if UU is gate to					
LI	ወঁਤ the motors will be turned off fo	or 7 minutes and on for 3	minutes in eac	ch cycle.		
SINGLE LEAF MODE	$L3 = 57 \rightarrow \text{ENABLED}$	$L3 = \Box \circ \rightarrow \text{DISABLEI}$	D			
L 3	tor single leat gate ins	tanations.				

FUNCTIONS

				W -
SAFETY BY PASS	$L = 57 \rightarrow \text{ENABLED}$	LY = no → DISAB	LED	
FUNCTION	िप allows to open/close the	gate even if stop or ph	otocells inputs are detected	(I.E. damaged photocells).
L Y	It requires a normally open po E 7 / E 7 must be set to one When a photocell or stop input 1. Press the push button 2. Release the push button 3. Within 2.5 sec hold do 4. The gate opens/close FOR SAFETY REASONS, IT IS H DEVICES (I.E. KEY SELECTORS	ush button wired on the of following functions uts are detected, you ca wired on input 1-8 or 2 ron. The flashing lamp w own the push button. s while the button is pro IIGHLY RECOMMENDE).	e terminal block 1-8 or 7-8. Do start, DP open, DL c an open and close the gate for 7-8. will turn on. essed. To stop the gate, relea D TO ENABLE THE DY FUNC	lose. ollowing these steps: use the push button. CTION ONLY ON WIRED
ASSISTANCE	$L5 = 60 \rightarrow \text{DISABLED}$			aa tha flaching laws is an far
REQUEST	1 minute. This function helps you	u to program the assistan	ce of the gate.	es the hasning lamp is on for
	L 5 works in these range:			
L 5	from 0.1 to 0.9 \rightarrow from 1 to 9 from 1.1 to 1.9 \rightarrow from 10 to 9	working cycles 0 working cycles		
	from 2.1 to 2.9 \rightarrow from 10 to	900 working cycles		
	from 3.1 to 3.9 \rightarrow from 1000 to	9000 working cycles		
	from 4.1 to 4.9 \rightarrow from 10000 from 5.1 to 5.9 \rightarrow from 10000	to 90000 working cycles	PC	
	For instance if $LS = 3.3$ t	he assistance request f	unction is activated after 300	00 working cycles.
	Press a control board button	to clear the assistance i	equest.	
WORKING CYCLE COUNTER	L6 is the gate working cycles co instance if a gate has completed	ounter from 1 to 9 million 1365 working cycle then	s. The display shows the workir 亿多 shows ③.①. Pressing but	ng cycles as power ten. For ton D the display shows the
LB	<u>3.1</u>	23	1.6	05
	1	3	6	5
FLASHING LAMP	L 7 = 00			
MODE	STANDARD MODE: the flashing l	amp blinks fast during op	ening, slow during closing and	it is on before closing.
L 7	FIX MODE: the flashing lamp is c	on during opening, closing	and before closing.	

PHOTOCELLS AMD MOTORS TEST

PHOTOCELLS TEST	$ \underline{\epsilon}_{l} = \underline{5}_{l} \rightarrow \text{ENABLED} \qquad \underline{\epsilon}_{l} = \underline{c}_{0} \rightarrow \text{DISABLED} $
E 1	Each time the gate starts, the control board checks the photocells. If no errors are detected the motors can be started. In case an error has been detected the control board displays IE and the motors do not start.
MOTORS TEST	$\pounds 2 = 5/ \rightarrow \text{ENABLED}$ $\pounds 2 = n \circ \rightarrow \text{DISABLED}$
ΕZ	Each time the gate starts the control board checks the motors. If the test fails the motors cannot be driven and the control board displays \boxed{GR} or \boxed{GB} . \boxed{GR} means that motor A is in thermal protection state. \boxed{GB} means that motor B is in thermal protection state. If both motors are in thermal protection state, the control board will always show \boxed{GR} . This test may fail if motor A or motor B are erroneously connected.

RESTORE FACTORY SETTINGS



Press and hold or keep pressing button A or B until the display shows $\boxed{\square}$. After a few seconds the control board will show $\boxed{\square}$. To restore factory settings hold down button C until the display shows $\boxed{\square}$. The factory settings have been restored and the control board is in stand by mode. This function does not affect the radio configuration.

MOTOR A SETTINGS		MOTOR B SETTINGS			TERMINAL BLOCK SETTINGS		FUNCTIONS				
81	STANDARD WORKING TIME	14 s	ЬТ	STANDARD WORKING TIME	14 s			Ū0	FD	PAUSE TIME	10 s
82	SLOWDOWN WORKING TIME	7 s	ЬΖ	SLOWDOWN WORKING TIME	7 s		INPUTI	START	FŢ	PEDESTRIAN TIME	7 s
83	START UP TIME	0,8 s	Ь3	START UP TIME	0,8 s			0	F2	KICK BACK AT OP.	00
RY	WAITING TIME BEFORE CLOSING	6 s	ЬЧ	WAITING TIME BEFORE CLOSING	4 s	<u>E</u> 2 I	INPUT 2	DISABLED	F3	PRE-BLINKING TIME	1.0 s
<u>8</u> 5	STANDARD FORCE	6/10	Ь5	STANDARD FORCE	6/10			EC	FЧ	KICK BACK AT CL.	0.0 s
<u>86</u>	SLOWDOWN FORCE	10/10	ЬБ	SLOWDOWN FORCE	10/10	<u>E 3</u>	INPUT 3	EXT. PHOTO. LOGIC 1	FS	STEP-BY-STEP	00
87	OBSTACLE THRESHOLD	0	67	OBSTACLE THRESHOLD	00			0	FБ	COMMUNITY MODE	00
88	SLOWDOWN OBSTACLE THRESHOLD	no	ЬВ	SLOWDOWN OBSTACLE THRESHOLD	no	<u>E</u> 4 1	INPUT 4	DISABLED	F 7	FAST CLOSURE	00
								PE	F 8	PHOTOCELLS LOGIC	5/
						<u>[7]</u> I	INPUT 7	PEDESTRIAN	LO	ELECTRIC-LOCK	00
	TEST		PROG	RAMMABLE RADIO FUN	ICTIONS				LT	COLD WINTER	0 m
21	PHOTOCELLS	00	<u> </u>	DEADMAN OPEN	Po				L3	SINGLE LEAF	00
2	MOTORS	57	-7	DEADMAN CLOSE	ΡĽ				LY	SAFETY BY PASS	00
			r 8	RANGE TEST	rE				L 5	ASSISTANCE REQUEST	00
									L 7	FLASHING LAMP MODE	00

 $\mathbf{s} \rightarrow \text{seconds}$

 $\mathbf{m} \rightarrow \text{minutes}$

 $n \circ \rightarrow disabled$

 $51 \rightarrow \text{enabled}$

REMOTE CONFIGURATION

ERASE A REMOTE KEY	Press and hold or keep pressing button A or B until the display shows $\Box \square$. After a few
	seconds the control board will display the stored remote key IDs. To erase a stored remote key hold down button C. The display blinks showing the selected remote key ID. Once the remote key has been
	erased the display turns off.
SAVING A REMOTE KEY	A remote key is configurable as: START 도기, STOP 도리, PEDESTRIAN 도૩ ,FAST CLOSURE 도넛 or
	PROGRAMMABLE FUNCTION from 드 to 드 . Press A or B to select 드 . 도 . 드 . 드 . 드 . 드 . 드 . 드 . 드 . 드 .
	or [18]. After a second, the display shows [1]. Hold down a remote key. The display shows [1]. Push
	The control board holds up to 99 codes. If the memory is full, the display shows \mathbb{FF} when trying to
ァー / 「Go START	store a new remote key.
	III START (につ) The start function begins a Standard Working Cycle : Motor A starts opening. 日本
	seconds later, Motor B starts opening. After the pause time 上世, Motor B starts closing. 변역 seconds
r 2 <mark>5</mark> Ł STOP	later, Motor A starts closing.
	도 STOP (5는) The stop function stops the gate movement.
	PEDESTRIAN (PE) Leaf A opens/closes for FI seconds.
	FIY FAST CLOSURE (F G)
	at opening: 5 seconds after the internal and external photocells have been activated, the gate starts
도 역 FG FAST CLOSURE	at pause: once all internal and external photocells have been activated the gate starts closing.
	Required settings :
	(1). Both Internal and external photocells must be installed.
	(2). The parameter EIS must be set to EIS or EIC.
	(5). The parameter $\Box \Box$ must be set to $\Box \Box$.
	This function is active once per working cycle.
ERASE ALL REMOTE	Press and hold or keep pressing button A or B uptil the display shows $\sqrt{5}$. After a few seconds the
CONTROLS	control board will show $\Box \Box$. To erase all stored remote keys, press and hold C button until the display
r 5	stops flashing 57
PROGRAMMABLE RADIO	The programmable radio functions are: open only 이미, close only 다., dead man open 만이, dead
FUNCTIONS	man close PC, CE range test, and EL electric-lock. To save see SAVING A REMOTE KEY.
C B	To set a function select [] or [] or [] by pressing button A or B. Hold down button D. The display
	function using buttons C and D. The
	OPEN opens the gate.
F B	CLOSE closes the gate.
	DEAD MAN opens/closes the gate even the safety inputs are activated (I.E. stop input). The
	C E RANGE TEST turns on the flashing lamp while the remote key is pressed.
	you to find the best antenna location.
	ELECTRIC LOCK activates the electric-lock module with remote key. For instance, it may be useful
	when you want to unlock an electric-lock installed on a pedestrian gate beside the electric gate.

You can add a remote key to the control board memory without opening the protective housing. You need a remote previously stored. **How-to:**

- **1.** Open the gate (completely).
- 2. Break the photocell beam (Flashing lamp is off).
- 3. Hold down the remote key previously stored. After 5 seconds the flashing lamps blinks.
- 4. Release the remote key. The flashing lamp is on (without blinking).
- 5. Within 10 seconds press unsaved remote key. The flashing lamp blinks three times. The remote key has been saved as **START** (

TERMINAL BLOCK SETTINGS



FUNCTION	DESCRIPTION	ТҮРЕ	TERMINAL BLOCK
DISABLED	Disable the chosen input. The inputs $\boxed{E2}$, $\boxed{E3}$ and $\boxed{E4}$ have the auto-enable function: When the terminal block input is disabled and a normally closed contact is wired to the input then the control board sets that input equal to the SAFETY value. For instance, if $\boxed{E2}$ is set to $\boxed{n0}$ and a normally closed		FROM INPUT 1 TO INPUT 7 ET, EZ, E3, E4, E7 = no
	contact is wired to input 2, the control board sets [2] to <u>[2]</u> .		
STOP	The stop function stops the gate.	N.C. SAFETY	INPUT 2 <i>と</i> こ = 5と
	During the closing: the external photocell function stops the closing and starts the opening.	N.C.	INPUT 3 <u>E</u> 3 = <u>E</u> <u>E</u>
LOGIC 1	During the opening: the external photocell function does not have any effect.	SAFETY	INPUT 4 $E[Y] = E[L]$
上교 EXTERNAL PHOTOCELL LOGIC 2	Same like EC but the opening <u>can be started</u> even if the external photocell is detecting an obstacle.		INPUT 3 <i>と</i> ヨ = と <i>は</i>
논 <i>문</i>	 During the opening: while the internal photocell is activated the control board stops the opening. When the internal photocell is deactivated the control board continues the opening. During the closing: If the internal photocell is activated the control board stops the closing and waits for the opening. The opening starts only when the internal photocell is deactivated. 		INPUT 4 <i>토막</i> = <i>노위</i>
<u>ل</u> اً] START	The start function begins a Standard Working Cycle : Motor A starts opening before Motor B. \boxed{B} seconds later, Motor B starts opening. After the pause \boxed{F} , Motor B starts closing. \boxed{B} seconds later, Motor A starts closing.	N.O.	INPUT 1 El = Do
PE PEDESTRIAN	The pedestrian function begins a Pedestrian Working Cycle : Motor A works normally while Motor B stays off.	N.O.	INPUT 7 E[7] = P[E]
OP / CL OPEN / CLOSE	The open function opens the gate. The close functions close the gate. The close function works when the gate is completely closed only after a power on.	N.O.	INPUT 1 $El = oP/EL$ INPUT 2 $E2 = oP/EL$ INPUT 7 $E7 = oP/EL$
Po / PC DEAD-MAN OPEN / CLOSE	The dead man functions allow the opening/closing of the gate even if the safety inputs are activated (I.E. stop input) and the programmed input is activated.	N.O.	INPUT 1 <i>El</i> = <i>Po/PC</i> INPUT 7 <i>E</i> = <i>Po/PC</i>
Imilian MOTOR A LIMIT SWITCHES	The motor A limit switches function manages an opening limit switch and a closing limit switch on the same terminal input.	N.O.	INPUT 2 E = 8
」」」」 MOTOR B LIMIT SWITCHES	The motor B limit switches function manages an opening limit switch and a closing limit switch on the same terminal block input.	N.O.	INPUT 4 <i>돈(억</i>) =
E o DOMUS	The domus command does not have any effect on the gate status. It can be used in combination with the domus expansion. For instance a light can be turned on through the key selector without starting the gate.	N.O.	INPUT 1 <i>E 1 = E o</i> INPUT 7 <i>E</i> 7 = <i>E o</i>
ELECTRIC-LOCK	The ELECTRIC-LOCK function activates the electric-lock with a push button wired at the terminal block input. For instance, it may be useful when you want unlock an electric-lock installed on a pedestrian gate beside the electric gate. (Available on remote controls, too).	N.O.	INPUT 1 $\boxed{El} = \boxed{El}$ INPUT 4 $\boxed{E4} = \boxed{El}$ INPUT 7 $\boxed{E7} = \boxed{EL}$





SEMI-AUTOMATIC		YOU NEED:						
		START Butt	on					
		For saving a	a remote key as START , using buttons A/B to select 🖂 🛽. hold down the remote key					
		then press	button C on the control board.					
		Check the r	notors direction.					
		Check if the	e terminal block inputs work properly.					
		PZ SETS:						
P	\rightarrow SINGLE	• $\boxed{B[I]} \rightarrow$ Motor A standard working time • $\boxed{B[I]} \rightarrow$ Motor A standard working time						
	LEAF GATE	• $\underline{\mathbb{RP}} \rightarrow Motor A slowdown working time$ • $\underline{\mathbb{RP}} \rightarrow Motor A slowdown working time$						
P 2	\rightarrow DOUBLE	• $\boxed{B[I]} \rightarrow$ Motor B standard working time • $\boxed{E[I]} \rightarrow$ Automatic close time						
	LEAF GATE	• $ \underline{b} _{-}^{2} \rightarrow Motor B slowdown working time • \overline{L}_{-}^{3} = \overline{5} single leaf mode ENABLED.$						
		• $F \square D \rightarrow$ Automatic close time						
		HOW-TO:						
		$ P / P ^2 \rightarrow - - $	Select $P[I]/P[2]$ using buttons A/B. When display show [] press the START .					
		81	Motor A opens the first gate leaf. When the leaf is almost open press START.					
		82	Motor A slows down. When the leaf has been pushing on the mechanical gate for about 3 seconds, press START .					
		ы	Motor A stops and motor B opens the second gate leaf. When the leaf is almost					
		ЫС	stop for about 3 seconds, press START .					
			The motors are off. The flashing lamp is on. The display show the time lapsed.					
		FO	When you want to close the gate press START . The automatic close time will be					
			equal to the value shown on the display.					
AUT	OMATIC	P3/P4 program	the gate working times, and auto-close time.					
AUT	OMATIC	P3/P역 program · YOU NEED:	the gate working times, and auto-close time.					
AUT		P3/PY program · YOU NEED: • START Butt	the gate working times, and auto-close time.					
аит <i>РЗ</i>	OMATIC →SINGLE	P3/PY program YOU NEED: • START Butt For saving a	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select 고고. hold down the remote key					
аит <i>Р</i> <u>З</u>	OMATIC →SINGLE LEAF GATE	P 3/P역 program YOU NEED: • START Butt For saving a then press	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select 고. hold down the remote key button C on the control board.					
а и т <i>Р</i> <u>З</u>	OMATIC →SINGLE LEAF GATE	P3/P4 program YOU NEED: • START Butt For saving a then press • Check the r	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select . hold down the remote key button C on the control board. motors direction.					
а и т Р <i>З</i>	OMATIC →SINGLE LEAF GATE	P3/P9 program YOU NEED: • START Butt For saving a then press • Check the r • Check if the	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\Box I$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly.					
а и т Р <u>З</u> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE	P3/P4 program YOU NEED: • START Butt For saving a then press • Check the r • Check the r • Check if the • The mecha • The mecha	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs.					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P9 program YOU NEED: • START Butt For saving a then press • Check the r • Check if the • The mecha P9 SETS:	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\Box I$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs.					
а и т Р <u>З</u> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P∃/PY program YOU NEED: • START Butt For saving a then press • Check the r • Check the r • Check if the • The mecha PY SETS: • BI → Mo	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\Box I$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. PID SETS: tor A standard working time • \boxed{BI} \rightarrow Motor A standard working time					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P∃/PY program YOU NEED: • START Butt For saving a then press • Check the r • Check if the • The mecha PIY SETS: • RI → Mo • RI → Mo	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\Box I$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. IDE SETS: tor A standard working time tor A slowdown working time $B I \rightarrow Motor A standard working time B I \rightarrow Motor A slowdown working time$					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	$P \exists / P \lor$ program YOU NEED: • START Butt For saving a then press• Check the r • Check if the • The mecha PIY SETS: • $R \downarrow \rightarrow Mo$ • $B \downarrow \rightarrow Mo$ • $b \downarrow \rightarrow Mo$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \Box . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. P3 SETS: tor A standard working time tor A slowdown working time tor B standard working time					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP4SETS:• $B1 \rightarrow Mo$ • $B1 \rightarrow Mo$ • $B1 \rightarrow Mo$ • $B1 \rightarrow Mo$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\Box I$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. PI SETS: tor A standard working time tor A slowdown working time tor B slowdown working time					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP19SETS:• $\overline{B1} \rightarrow Mo$ • $\overline{B2} \rightarrow Mo$ • $\overline{B1} \rightarrow Mo$ • $\overline{B2} \rightarrow Mo$ • $\overline{B1} \rightarrow Del• \overline{B1} \rightarrow Del$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \square hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. PIP SETS: tor A standard working time tor B standard working time tor B slowdown working time ay at closing av at opening					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r• Check the r• Check if the • The mechaP4SETS:• $\overline{B}[] \rightarrow Mo$ • $\overline{B}[] \rightarrow Del$ • $\overline{B}[] = 10$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \boxed{D} . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. EVALUATE: tor A standard working time tor B standard working time tor B slowdown working time tor B slowdown working time ay at closing ay at opening seconds. (Auto-close time)					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP19 SETS: • $RI \rightarrow Mo$ • $BI \rightarrow Del$ • $EI = 10 s$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \Box . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. Part: tor A standard working time tor A slowdown working time tor B slowdown working time tor B slowdown working time ay at closing ay at opening seconds (Auto-close time)					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check the r • Check if the • The mechaP4SETS:• $B1 \rightarrow Mo$ • $B2 \rightarrow Mo$ • $b1 \rightarrow Mo$ • $b2 \rightarrow Mo$ • $B4 \rightarrow Del$ • $E0 = 10 s$ • F0 = 10 sHOW-TO: • Select	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \square . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. PI SETS: tor A standard working time tor A slowdown working time tor B slowdown working time tor B slowdown working time ay at closing ay at opening seconds (Auto-close time) PI using buttons A/B. After a few seconds display shows					
ал Р.З Р.Ч	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP19 SETS: • $RI \rightarrow Mo$ • $BI \rightarrow Del$ • $EI \rightarrow Del$ • $EI = 10 s$ HOW-TO: • Select P3, • Press START	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \square . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. P SETS: tor A standard working time tor A slowdown working time tor B slowdown working time tor B slowdown working time ay at closing ay at opening seconds (Auto-close time) P using buttons A/B. After a few seconds display shows \square .					
АUT РЗ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check then Check if the • The mechaP4SETS:• $B1 \rightarrow Mo$ • $B2 \rightarrow Mo$ • $B1 \rightarrow Mo$ • $B2 \rightarrow Mo$ • $B1 \rightarrow Del$ • $B1 \rightarrow Del$ • $E0 = 10 s$ HOW-TO: • Select P3, • Press START • The gate lear	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \Box \Box . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. P SETS: tor A standard working time tor A slowdown working time tor B standard working time tor B slowdown working time tor B slowdown working time ay at closing ay at opening seconds (Auto-close time) P using buttons A/B. After a few seconds display shows \Box . afs open one for time up to the mechanical gate stop. The control board detects the					
а и т Р <i>З</i> РЧ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP19 SETS: • $\mathcal{A}[] \rightarrow Mo$ • $\mathcal{B}[] \rightarrow Mo$ •	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\boxed{\Box}$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. \boxed{PI} SETS: tor A standard working time tor A slowdown working time tor B slowdown working time tor B slowdown working time tor B slowdown working time tor B slowdown working time \boxed{PI} = 10 seconds (Auto-close time) $\boxed{L3}$ = \boxed{SI} single leaf mode ENABLED. ay at closing ay at opening seconds (Auto-close time) \boxed{P} using buttons A/B. After a few seconds display shows $\boxed{_}$. $\boxed{T} \rightarrow$ afs open one for time up to the mechanical gate stop. The control board detects the gate stop getting the working time. When both gate leafs are open, the control board					
а и т Р <i>З</i>	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check then Check if the • The mecha• Check if the • The mecha• \mathcal{B} • \mathcal{B}	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select $\boxed{1}$. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. PI SETS: tor A standard working time tor A slowdown working time tor B standard working time $\boxed{B2} \rightarrow Motor A standard working time$ $\boxed{B2} = 10$ seconds (Auto-close time) $\boxed{B2} = 5 \boxed{1}$ single leaf mode ENABLED. ay at closing ay at opening seconds (Auto-close time) $\boxed{B2} = 5 \boxed{1}$ single leaf mode ENABLED. $\boxed{B2} = 5 \boxed{1}$ single leaf mode ENABLED.					
А UT РЗ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P9programYOU NEED:• START Butt For saving a then press• Check the r • Check if the • The mechaP19SETS:• $\mathcal{R}[] \rightarrow Mo$ • $\mathcal{B}[] \rightarrow$	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \Box . hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. P SETS: tor A standard working time tor A slowdown working time tor B standard working time tor B slowdown working time ay at closing ay at opening seconds (Auto-close time) P S using buttons A/B. After a few seconds display shows \Box . P S open one for time up to the mechanical gate stop. The control board detects the gate stop getting the working time. When both gate leafs are open, the control board 10 seconds and start closing. TROL BOARD DOES NOT DETECT THE MECHANICAL GATE STOP , press a any input to					
АUT РЗ	OMATIC →SINGLE LEAF GATE → DOUBLE LEAF GATE	P3/P4programYOU NEED:• START Butt For saving a then press• Check then Check if the • The mecha• Check if the • The mecha• \mathcal{B} • \mathcal{B}	the gate working times, and auto-close time. on a remote key as START , using buttons A/B to select \Box []. hold down the remote key button C on the control board. motors direction. e terminal block inputs work properly. nical gate stop in opening must be installed for both gate leafs. \Box \exists \exists \exists \exists \exists \exists d					

OBSTACLE PROGRAMMING



OBSTACLE	PB helps you to program the obstacle detection sensor.
PROGRAMMING	 YOU NEED: START Button, for instance a remote key stored using □ Check the motors direction. Check if the terminal block inputs work properly. A mechanical gate stop in closing must be installed. PE SETS: P A tor A standard obstacle detection threshold B > Motor A standard obstacle detection threshold B > Motor B standard obstacle detection threshold HOW-TO: The gate must be closed. Selecting P B using buttons A/B. When display shows □ press the START command. The display shows □ motor A opens for 4 seconds. motor A stops. Motor B starts open for the same amount of time. Motor B stops. The control board has detected the maximum motors stress when an obstacle is in the path of the gate. The display shows □ motor A opens for 4 seconds. motor A stops. Motor B starts open for the same amount of time. Motor B stops. The control board has detected the motors stress without any obstacle. The display shows □ the gate returns to initial position. When both motors are stops the procedure is finished. If the display shows □ an error has occurred during the procedure. Any command during the steps 2,3,4,5,6 stops P programming and display will show □ After programming you can modify the obstacle parameters manually. For instance you can disable electronic limit switch of motor A setting P

INTRODUCTION DOMUS MODULE



The **DOMUS** expansion consists of a **DOMUS** MODULE and up to three **RELAY** MODULES. The **DOMUS** module expands the control board with three open collector outputs. Each output controls a relay module. The **DOMUS** module has a **push-button K1** to select the outputs menu and three LEDs: **L1, L2** and **L3**. Each LED is linked to a relay status. The LED is ON when the corresponding RELAY output is closed . The **DOMUS** expansion may be used to control a variety of different applications, as for instance *timed lights controlled by remote, courtesy lights, flashing lamp, electric-lock, traffic lights,* and *extending an alarm system*.





RECYCLE





For private households: Information on Disposal for Users of WEEE This symbol on the product(s) and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with you national legislation. For professional users in the European Union If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information. For disposal in countries outside of the European Union This symbol is only valid in the European Union (EU). If you wish to discard this product please contact your local authorities ordealer and ask for the correct method of disposal.

T011A

SWING GATE CONTROL BOARD 230 VAC

For private households: Information on Disposal for Users of WEEE This symbol on the product(s) and / or accompanying documents means that used electrical and electronicequipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your local retailer upon purchase of an equivalent new product. Disposing of this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with you national legislation. For professional users in the European Union If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information. For disposal in countries outside of the European Union This symbol is only valid in the European Union (EU). If you wish to discard this product please contact your local authorities ordealer and ask for the correct method of disposal.



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