



## AUTOMATIC ENTRANCE SPECIALISTS

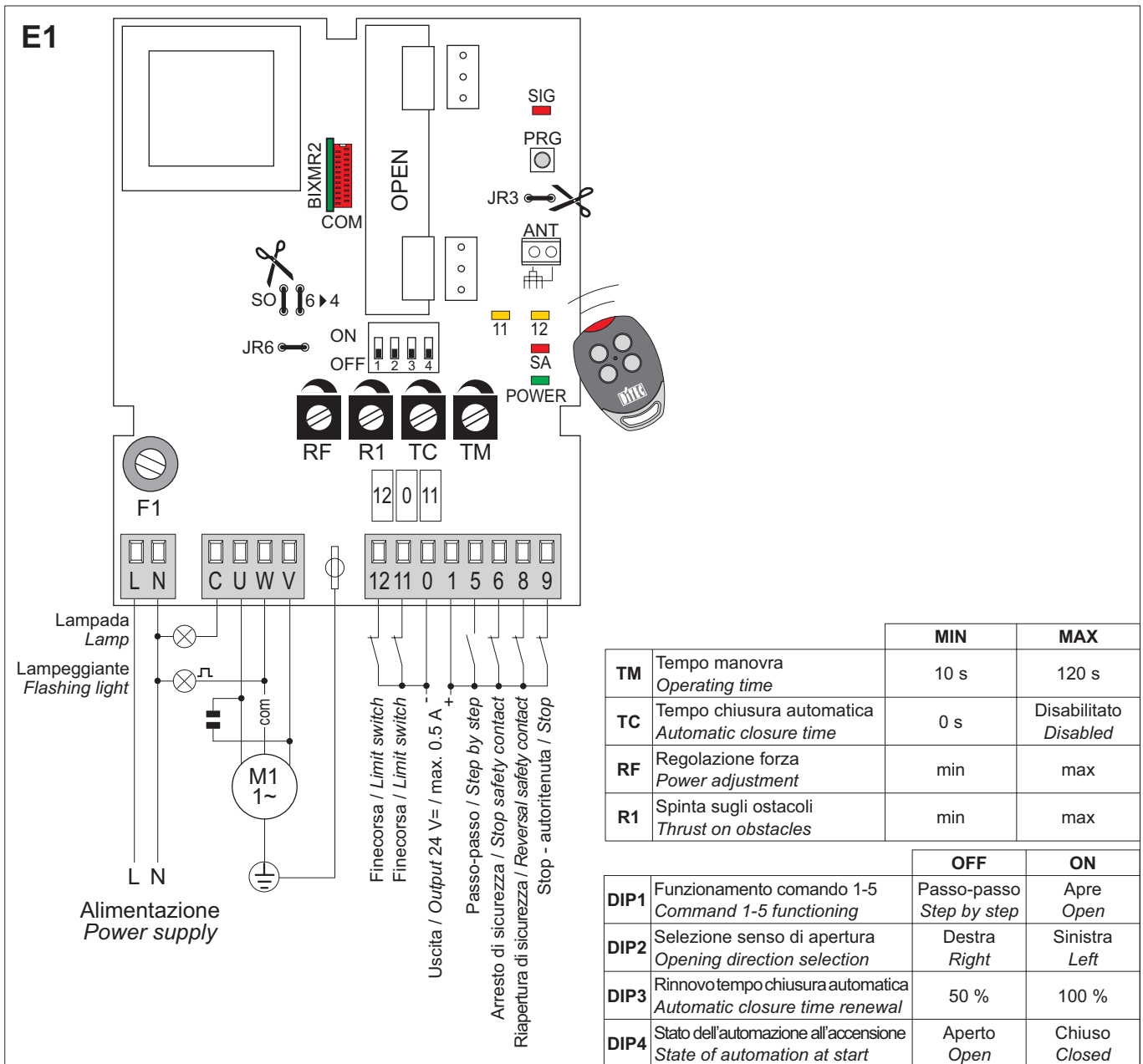


HomeLink<sup>®</sup>  
kompatibel

E1

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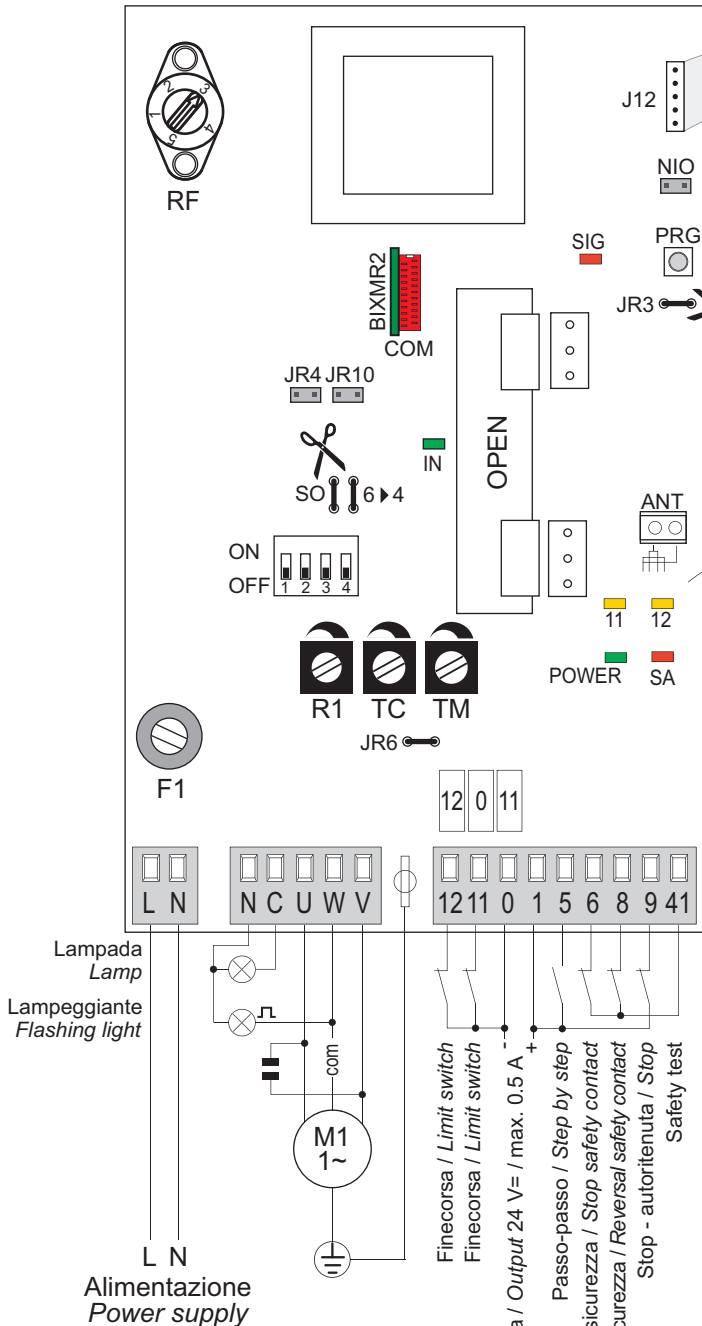
- I** Manuale d'installazione quadro elettronico per automazioni ad un motore con radio incorporata.
- GB** Control panel installation manual for one motor automation with built-in radio.
- F** Notice d'installation d'une armoire électrique pour automatisation à un moteur avec radio incorporée.
- D** Installationsanleitung für einmotorige Torsteuerung mit eingebautem Funkempfänger.
- E** Manual de instalación del tablero eléctrico para automación a un motor con radio incorporado.
- P** Manual de instalação do quadro eléctrico para automação com um motor com rádio incorporado.



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# E1A



		MIN	MAX
TM	Tempo manovra <i>Operating time</i>	10 s	120 s
TC	Tempo chiusura automatica <i>Automatic closure time</i>	0 s	Disabilitato <i>Disabled</i>
RF	Regolazione forza <i>Power adjustment</i>	min	max
R1	Spinta sugli ostacoli <i>Thrust on obstacles</i>	min	max

		OFF	ON
DIP1	Funzionamento comando 1-5 <i>Command 1-5 functioning</i>	Passo-passo <i>Step by step</i>	Apri <i>Open</i>
DIP2	Selezione senso di apertura <i>Opening direction selection</i>	Destra <i>Right</i>	Sinistra <i>Left</i>
DIP3	Rinnovo tempo chiusura automatica <i>Automatic closing time renewal</i>	50 %	100 %
DIP4	Stato dell'automazione all'accensione <i>State of automation at start</i>	Aperto <i>Open</i>	Chiuso <i>Closed</i>
JR4	Freno motore <i>Motor brake</i>	Disabilitato <i>Disabled</i>	Abilitato <i>Enabled</i>
JR10	Partenza massima forza <i>Max power starting</i>	Disabilitato <i>Disabled</i>	Abilitato <i>Enabled</i>

Finecorsa / Limit switch  
 Finecorsa / Limit switch  
 Uscita / Output 24 V= / max. 0.5 A  
 Passo-passo / Step by step  
 Arresto di sicurezza / Stop safety contact  
 Riapertura di sicurezza / Reversal safety contact  
 Stop - autoritenuta / Stop  
 Safety test

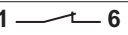
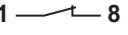

# 1. ELECTRICAL CONNECTIONS

## 1.1 Commands





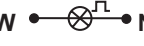







Command	Function	Description	
<b>1</b> <b>5</b>	N.O.	STEP-BY-STEP WITH AUTOMATIC CLOSING With DIP1=OFF and TC<MAX, the closure of the contact activates an opening or closing operation in the following sequence: open-stop-close-open. <i>Note: the stop is not permanent, but has the duration set by TC.</i>	
		STEP-BY-STEP WITHOUT AUTOMATIC CLOSING With DIP1=OFF and TC=MAX, the closure of the contact activates an opening or closing operation in the following sequence: open-stop-close-open.	
		OPENING WITH AUTOMATIC CLOSING With DIP1=ON and TC<MAX, the closure of the contact activates an opening operation.	
		OPENING WITHOUT AUTOMATIC CLOSING With DIP1=ON and TC=MAX, the closure of the contact activates an opening operation. With the automation blocked, the closure of the contact activates the opposite operation compared with that activated before the stop.	
<b>1</b> <b>6</b>	N.O.	CLOSING With 6→4=OFF, the closure of the contact activates a closing operation.	
<b>1</b> <b>6</b>	N.C.	SAFETY STOP The opening of the safety contact stops and prevents any movement.	
<b>1</b> <b>8</b>	N.C.	REVERSAL SAFETY DEVICE Opening the safety contact triggers a reversal of the movement (reopening) during a closing operation.	
<b>E1A</b>	<b>41</b> <b>6</b>	N.C.	SAFETY STOP The opening of the safety contact stops and prevents any movement.
	<b>41</b> <b>8</b>	N.C.	REVERSAL SAFETY DEVICE Opening the safety contact triggers a reversal of the movement (reopening) during a closing operation.
<b>1</b> <b>9</b>	N.C.	STOP Opening the safety contact stops the current operation.	
		EMERGENCY STOP To enable the emergency stop function (e.g. with a specific red button), connect the opening and closing controls to terminal 9 instead of 1 (9-5, 9-6).	
<b>1</b> <b>9</b>	N.O.	OPERATOR PRESENCE DEPENDENT CONTROL Permanently opening the safety contact enables the operator presence dependent function. In this state, the opening (1-5) and closing (1-6) controls function only if held in the pressed position, and the automation stops when the controls are released. Any safety devices, plus the automatic closing, are deactivated.	
<b>0</b> <b>11</b>  TM=MAX	N.C.	CLOSURE LIMIT SWITCH With DIP2=OFF, the opening of the contact blocks the movement of the automation during the closing phase. With DIP2=ON, the opening of the contact blocks the movement of the automation during the opening phase. Alternatively, you can connect the limit switch to the fastons 0-11 (in this case, the terminals 0-11 must not be jumped).	
<b>0</b> <b>11</b>	N.O.	CLOSURE PROXIMITY SWITCH In the event of obstacle detection during closing and before the activation of the proximity limit switch, the door wing reopens; after the activation of the proximity limit switch, the door wing blocks against the mechanical closing stop.	
<b>0</b> <b>12</b>  TM=MAX	N.C.	OPENING LIMIT SWITCH With DIP2=OFF, the opening of the contact blocks the movement of the automation during the opening phase. With DIP2=ON, the opening of the contact blocks the movement of the automation during the closing phase. Alternatively, you can connect the limit switch to the fastons 0-12 (in this case, the terminals 0-12 must not be jumped).	
<b>0</b> <b>12</b>	N.O.	OPENING PROXIMITY SWITCH In the event of obstacle detection before the activation of the proximity limit switch while opening, the door wing stops, performing a disengagement operation; after the activation of the proximity limit switch, the door wing blocks against the mechanical opening stop.	

**WARNING:** Make a jumper on all NC contacts if not in use. The terminals with the same number are equal. The given operating and performance features can only be guaranteed with the use of DITEC accessories and safety devices.

## 1.2 Self-controlled safety edge SOFA1-SOFA2

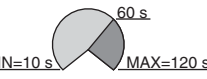
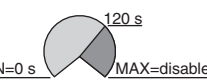

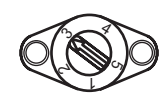

		Command	Function	Description
E1A		N.C.	SAFETY STOP	Connect the output contact of device SOFA1-SOFA2 to terminals 1-6 on the control panel (in series with the photocell output contact, if installed).
		N.C.	REVERSAL SAFETY DEVICE	Connect the output contact of device SOFA1-SOFA2 to terminals 1-8 on the control panel (in series with the photocell output contact, if installed).
			SAFETY TEST	Connect the terminal of device SOFA1-SOFA2 to terminal 41 of the control panel. Connecting terminal 41 enables a safety edge test cycle before every operation. If the test fails the SA led flashes and the test is repeated.

## 1.3 Outputs and accessories



Output	Value	Description
	24 V= / 0,5 A	<b>Accessories power supply.</b> Power supply output for external accessories, including automation status lamp.
	24 V= / 3 W (0,125 A)	<b>Automation open lamp.</b> Only with the limit switch 0-11 (N.C.) connected and DIP2=OFF will the light switch off when the automation is closed. <b>Automation closed lamp.</b> With DIP2=ON, the light switches off when the automation is open.
	24 V= / 3 W (0,125 A)	<b>Automation closed lamp.</b> Only with the limit switch 0-12 (N.C.) connected and DIP2=OFF will the light switch off when the automation is open. <b>Automation open lamp.</b> With DIP2=ON, the light switches off when the automation is closed.
	230 V~ / 5 A 120 V~ [E1J-E1AJ]	<b>Motor 1 (M1).</b> Terminal W must be connected to the common motor phase connection. The condenser must be connected between the U and V phases.
	230 V~ / 100 W (0,4 A) 120 V~ [E1J-E1AJ]	<b>Flashing light (LAMPH).</b> Activated during opening and closing operations.
	230 V~ / 100 W (0,4 A) 120 V~ [E1J-E1AJ]	<b>Courtesy light.</b> Comes on for 180 seconds after receiving any opening (total or partial) or closing command.
PT3		 <b>Membrane push-button panel (PT3).</b> Starts the opening operation. <i>Note: to activate the closing operation, connect the connector of the push-button panel to J12 (rotated by 180°).</i>
		 <b>Membrane push-button panel (PT3).</b> Causes the blocking of the movement.
		 <b>Membrane push-button panel (PT3).</b> Starts the closing operation. <i>Note: to activate the opening operation, connect the connector of the push-button panel to J12 (rotated by 180°).</i>

## 2. SETTINGS



### 2.1 Trimmer

	Trimmer	Description
	<b>TM</b> 	<b>Setting the operating time.</b> From 10 to 120 s. <i>Note: with NC limit switch, set TM=MAX.</i>
	<b>TC</b> 	<b>Setting automatic closing time.</b> From 0 to 120 s. With TC=MAX, the automatic closing is deactivated. The count begins from the blocking of the automation, for the time set by the TC. With DIP3=OFF, once a safety switch has been activated, the counter starts as soon as the safety switch is released (for example, after passing through the photocells), and lasts for a period of time set with TC (50%). <i>Note: with DIP3=OFF and 6→4=OFF, the automatic closing is immediate.</i> With DIP3=ON, the counter starts when automation is opened and lasts for the entire duration set with TC (100%). <i>Note: after the activation of the stop command, once contact 1-9 has closed again, the automatic closing is only activated after a total or step-by-step opening command.</i>
E1	<b>RF</b> 	<b>Power setting.</b> Sets voltage supplied to motor.
E1A	<b>RF</b> 	<b>Power setting.</b> Sets voltage supplied to motor (1=MIN / 5=MAX).
	<b>R1</b> 	<b>Setting obstacle thrust.</b> The control panel is equipped with a safety system that stops motion if an obstacle is encountered during an opening operation and either stops or reverses motion during a closing operation. R1=MIN gives maximum obstacle sensitivity (minimum thrust). R1=MAX disables detection (maximum thrust).



### 2.2 Dip-Switches

	Description	OFF 	ON 
DIP1	<b>Control 1-5 function.</b>	Step-by-Step.	Opening.
DIP2	<b>Direction selection.</b>	Opens towards right.	Opens towards left.
DIP3	<b>Restore automatic closing time.</b>	- 50% - Immediate if 6→4=OFF. <i>Note: the setting of DIP3=OFF and 6→4=OFF is recommended for the immediate reclosing of the barriers.</i>	100% <i>Note: the setting of DIP3=ON is recommended for overhead and sectional doors, and condominial entrances.</i>
DIP4	<b>Automation status at power on.</b> Indicates how the control panel considers automation when powered up.	Open. If DIP1=OFF, the first command 1-5 activates the closing. If DIP1=ON, the first command 1-5 activates the opening. <i>Note: with a limit switch installed, preferably set DIP4=OFF.</i>	Closed. The first command 1-5 activates the opening. <i>Note: the automatic closing will not be the first command, even if enabled.</i> <i>If the automatic closing function is not used, preferably set DIP4=ON.</i>

### 2.3 Jumper

	Description	OFF 	ON 
JR4	<b>Overtravel reduction.</b> Reduces the overtravel distance for the door wing.	Disabled.	Enabled. <i>Note: preferably set JR4=ON if the door wing performs an excessive overtravel.</i>
JR10	<b>Maximum power start.</b>	Disabled. The motor starts with the voltage set with RF.	Enabled. The motor starts at maximum power for 1 s.
NIO	<b>Electronic antifreeze system.</b> Maintains motor function even at low ambient temperatures. <i>Note: for correct operation, the control panel must be exposed to the same ambient temperature as the motors.</i>	Enabled.	Disabled.

## 2.4 Bridges

	Description	OFF 	ON 
SO	<b>Reversal safety switch function.</b>	With the automation blocked, if the contacts 1-8 or 41-8 are open, it is possible to activate the opening operation. <i>Note: after the activation of the proximity limit switch closes the opening of the safety contact 1-8, 41-8 provokes the STOP during the closing phase.</i>	With the automation blocked, if the contacts 1-8 or 41-8 are open, any operation is impossible.
6→4	<b>Control 1-6 function.</b>	Closing (N.O.)	Stop (N.C.)
JR3	<b>Incorporated radio receiver.</b>	Disabled.	Enabled.
JR6	<b>Application type.</b>	Sliding gate.	Other applications.

## 2.5 Signals

	LED	ON	Flashing
	<b>POWER</b>	24 V= power supply.	/
	<b>SA</b>	Indicates that at least one of the safety contacts is open.	<b>(Only E1A)</b> On power on, the LED flashes to indicate the number of operations performed: each rapid flash = 1000 operations each slow flash = 10000 operations If the SOFA1-SOFA2 device is installed, this indicates a safety test failure (terminal 41).
<b>E1A</b>	<b>IN</b>	Activated at every command and adjustment to the dip-switch and jumper.	/
	<b>11</b>	Indicates that the 0-11 limit switch contact is open.	/
	<b>12</b>	Indicates that the 0-12 limit switch contact is open.	/
	<b>SIG</b>	Activated during the radio reception phase or transmitter memorisation.	Indicates the absence of the memory module.

## 3. RADIO

The control panel is equipped with a radio receiver with a frequency of 433.92 MHz. The antenna is a 173 mm long rigid wire. The range of the radio receiver can be increased by connecting the external antenna on the flashing light or by installing a tuned BIXAL antenna.

*Note: use a RG58 (max 10 m) coaxial cable to connect the external antenna to the control panel.*

Up to 200 transmitters can be memorised in the BIXMR2 memory.

Consult the L series remote control use instructions for the memorisation, cloning and cancellation of transmitters.

From one to four CH buttons of the same transmitter can be memorised on the control panel.

If just one transmitter CH button (any) is memorised command 1-5 (step-by-step/open) is performed.

If from two to four CH buttons of the same transmitter are memorised, the operations associated to the CH buttons are as follows:

- CH1 = command 1-5 step-by-step/open ;
- CH2 = partial opening command, causes the automation to open for 1 min.;
- CH3 = courtesy light on/off command ;
- CH4 = stop command, equal to the 1-9 impulsed command.

If the control panel is replaced, the BIXMR2 memory in use can be introduced to the new control panel.

*Attention: the insertion and extraction of the BIXMR2 memory must be carried out in the absence of a power supply.*

## 4. STARTING

- 3.1 Bridge the NC safety contacts with a jumper.
- 3.2 Before starting up, check the application type selected.
- 3.3 Any limit switches installed must be adjusted so that they are triggered near the mechanical opening and closing end stops.  
Set TM=MAX.  
*Note: limit switches must be kept pressed until the operation has been completed.*
- 3.4 If no limit switches are installed, bridge terminals 0-11 and 0-12 with jumpers and set TM to half.
- 3.5 Set TC=MAX. Set RF and R1 to half.
- 3.6 Using DIP2, set the direction.
- 3.7 Switch on power.



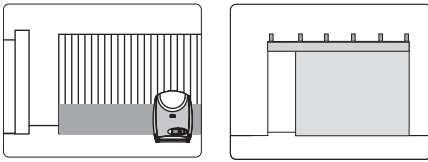
**WARNING:** The following operations are performed with no safety devices.

- 3.8 Perform opening and closing commands and check that the automation functions correctly and that the limit switches (if installed) are correctly set.  
*Note: if mechanical stops are used to block the stroke of the automation, or a proximity limit switch with N.O. contact, adjust the TM trimmer in order to obtain an operation time 2-3 s greater than the time effectively taken by the automation.*
- 3.9 Connect the safety devices (removing the relative jumpers) and check that they function correctly.
- 3.10 If required, regulate the automatic closing by means of the TC trimmer.
- 3.11 Set RF to a position that allows the automation to function correctly while ensuring the safety of the user in the event of collision.
- 3.12 Set obstacle thrust with R1.  
*Note: ensure that the forces exerted by the door wings are compliant with EN12453-EN12445 regulations.*
- 3.13 Connect any other accessories and check operation.
- 3.14 Once the start up and check procedures are completed, close the container.

## 5. TROUBLESHOOTING

Problem	Possible causes	Remedy
Automation does not open or close.	No power. (POWER led off).	Check that the control panel is powered correctly.
	Short circuited accessories. (POWER led off).	Disconnect all accessories from terminals 0-1 (voltage must be 24 V=) and reconnect one at a time.
	Blown line fuse. (POWER led off).	Replace fuse.
	Safety contacts are open. (SA led on).	Check that the safety contacts are closed correctly (N.C.).
	Safety contacts not correctly connected or self-controlled safety edge SOFA1-SOFA2 not functioning correctly. (SA led flashing).	Check connections to terminals 6-8 on control panel and connections to the self-controlled safety edge SOFA1-SOFA2.
	Release microswitch open. (11 and 12 led on).	Check that the hatch is closed correctly and the microswitch makes contact.
	The motor thermal overload switch is open.	Check for continuity between the phases U-V-W of the motor disconnected from the control panel.
	The remote control does not work.	Check the correct memorisation of the transmitters on the incorporated radio.
Automation opens but does not close.	The remote control does not work. (SIG led flashing).	Memory module BIXMR2 absent.
	Safety contacts are open. (SA led on).	Check that the safety contacts are closed correctly (N.C.).
	Safety contacts not correctly connected or self-controlled safety edge SOFA1-SOFA2 not functioning correctly. (SA led flashing).	Check connections to terminals 6-8 on control panel and connections to the self-controlled safety edge SOFA1-SOFA2.
	Photocells activated. (SA led on).	Check that the photocells are clean and operating correctly.
External safety devices not activating.	The automatic closing does not work.	Check that the TC trimmer is not set at the maximum.
	Incorrect connections between the photocells and the control panel.	Connect NC safety devices together in series and remove any bridges on the control panel terminal board.
The remote control has limited range and does not work with the automation moving.	The radio transmission is impeded by metal structures and reinforced concrete walls.	Install the antenna outside. Substitute the transmitter batteries.

6. EXAMPLE APPLICATIONS FOR SLIDING GATES AND SLIDING DOORS



When control panel is used for sliding automations operations:

- set JR6=OFF;
- set TM=MAX;
- (Fig. 6.1) connect opening and closing limit switches N.C. contacts to plug 12-0-11;

or

- (Fig. 6.2) connect opening and closing limit switches N.C. contacts to terminals 0-11-12.

With the above connections, when limit switches operate the wing stops.

In the event of obstacle detection, the wing stops and releases during opening operation and reopens during closing operation.

(Fig. 6.4) Select the proper opening direction by means of DIP2.

*Note: if the self-controlled safety edge SOFA1-SOFA2 is used, make the connections indicated in chapter 1.2.*

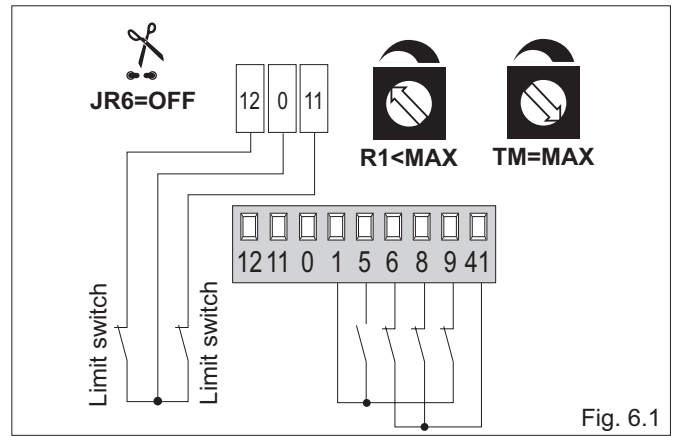


Fig. 6.1

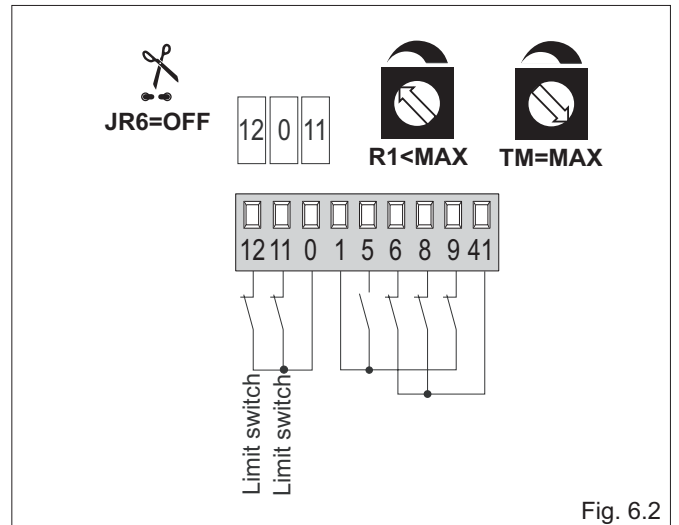


Fig. 6.2

When control panel is used for sliding automations operations:

- set JR6=OFF;
- set TM=MAX;
- (Fig. 6.3) connect opening and closing limit switches N.C. contacts to plug 12-0-11;

With the above connections, when limit switches operate the wing stops.

In the event of obstacle detection, the wing stops and releases during opening operation and reopens during closing operation.

(Fig. 6.4) Select the proper opening direction by means of DIP2.

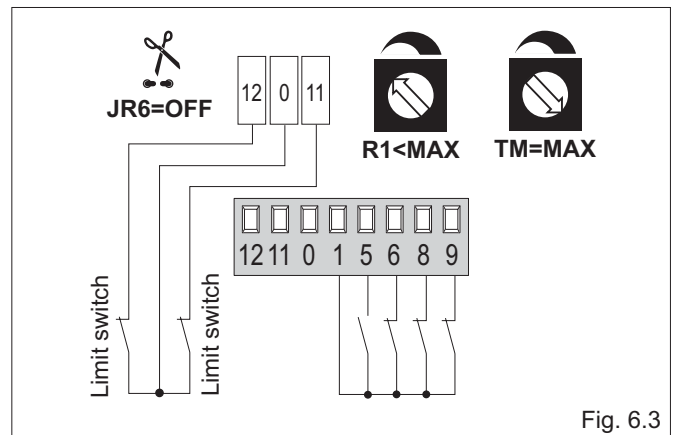


Fig. 6.3

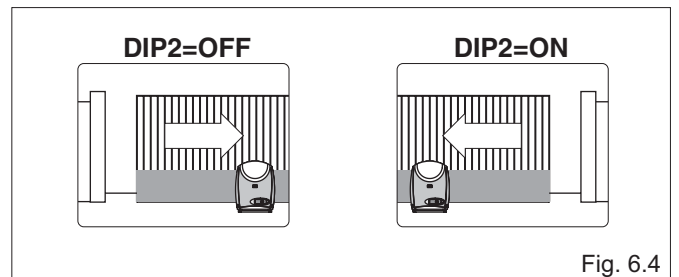
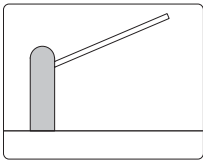


Fig. 6.4

E1A

E1

7. EXAMPLE OF APPLICATION FOR BARRIERS



(Fig. 7.1) When control panel E1A is used for barriers operations:

- set RF=5 (MAX);
- set TM=MAX;
- connect opening and closing limit switches N.C. contacts to plug 12-0-11.

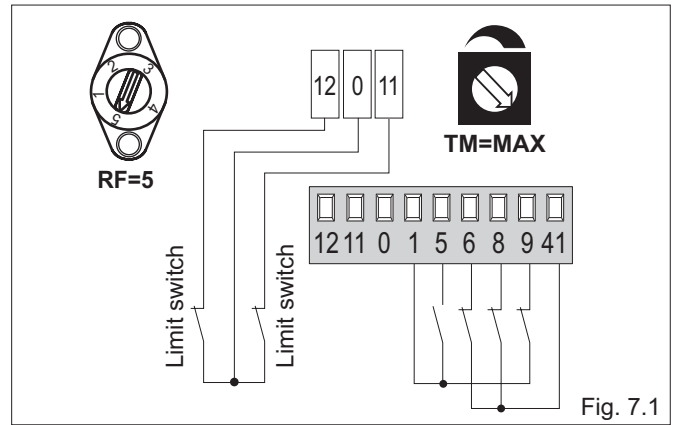


Fig. 7.1

(Fig. 7.2) Control N.C. 1-6 (safety stop) can be changed into control N.O. 1-4 (closing) by cutting the jumper 6→4.

To have the barrier close again soon after transit between the photocells (or other safeties connected to 1-8), set DIP3=OFF.

(Fig. 7.3) Select the proper opening direction by means of DIP2.

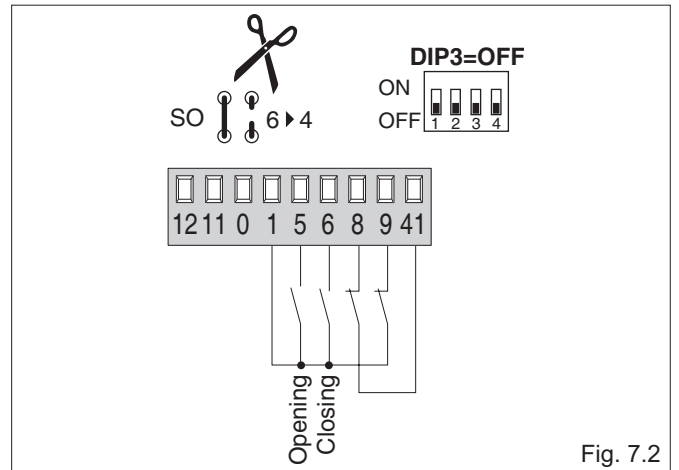


Fig. 7.2

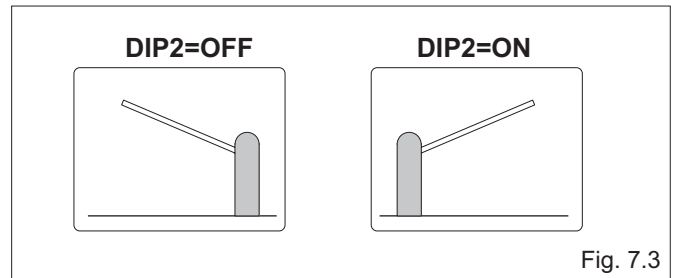
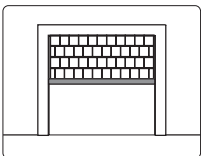


Fig. 7.3

8. EXAMPLE OF APPLICATION FOR ROLLING SHUTTERS



(Fig. 8.1) When the control panel E1A is used in applications for rolling shutters:

- connect the N.C. limit switches in succession to the motor phases
- make a jumper with the terminals 0-11-12.

Note: if the control panel is used in the "operator present" mode, disconnect terminal 9 (see application 9.1).

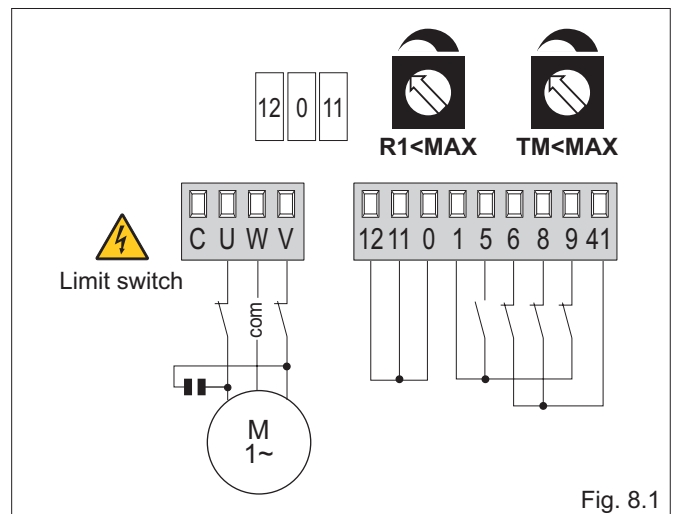
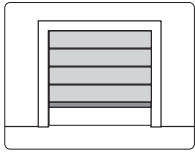


Fig. 8.1

**GB** 9. EXAMPLE OF APPLICATION FOR SECTIONAL OVERHEAD DOORS



(Fig. 9.1) When the control panel is used in applications for sectional automations:

- set TM=MAX;
- connect opening and closing limit switches N.C. contacts to terminals 0-11-12:
- select the opening control by means of DIP1=ON;
- select the direction of the movement by means of DIP2=OFF;
- select the closing control by cutting the jumper 6→4.

Note: to use electronic control panel in hold-to-run mode, disconnect terminals 8 and 9.

In this case, the opening (1-5) and the closing (1-6) controls operate only if kept pressed, if released the automation will stop.

Automatic closing, 1-8 control and radio remote controls are disabled.

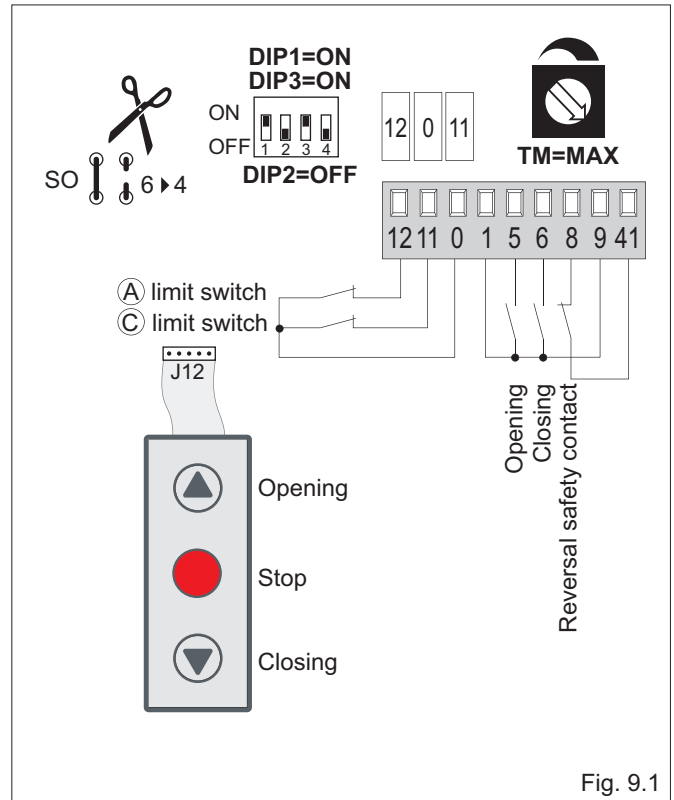


Fig. 9.1

(Fig. 9.2) If you have connected the self-controlled safety edge SOFA1 - SOFA2 in closing, and you want the door wing to push against the mechanical closing stop, it is possible to make the following connections:

- cut the SO jumper;
- set the operation time 2-3 s longer than the real operation time of the wing (TM<MAX), and the closing proximity switch 2-3 s earlier than the mechanical stop and connect the N.C. opening limit switch in series to the opening phase of the motor.

With the above connections the wing stops on the closing mechanical stroke while on the opening, it stops and releases when the relative limit switch operates.

During opening operation, in the event of obstacle detection, the wing stops and releases.

During closing operation, in the event of obstacle detection before the proximity switch operates, the wing reopens; after the proximity switch operates, the wing stops on the closing stop mechanical stroke.

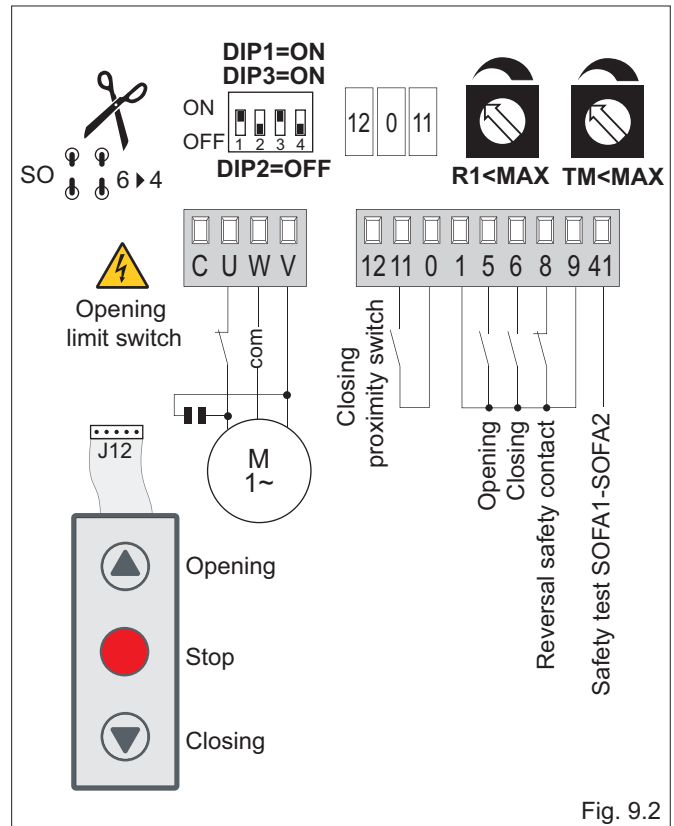
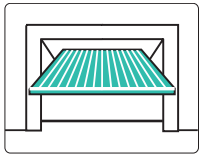


Fig. 9.2

E1A

10. EXAMPLE OF APPLICATION FOR BALANCED UP-AND-OVER DOORS (E1BOX)



When control panel is used for balanced up-and-over doors operations, the following connections can be made:

- (Fig. 10.1) The leaf pushes onto mechanical stops and stops on obstacles.

Set the operation time 2-3 s longer than the real operation time (TM<MAX) and make a jumper among terminals 0-11-12.

With the above connections the wing stops on the opening and closing mechanical stroke and, in the event of obstacle detection, during opening and closing.

- (Fig. 10.2) The leaf stops on limit switches and reverses on obstacles.

Set the operation time TM=MAX and connect opening and closing limit switches N.C. contacts to terminals 0-11-12.

With the above connections, when limit switches operate the wing stops.

In the event of obstacle detection, the wing stops and releases during opening operation and reopens during closing operation.

- (Fig. 10.3) The leaf pushes onto mechanical stops and reverses on obstacles.

Set the operation time 2-3 s longer than the real operation time (TM<MAX) and set the opening and closing proximity switches 2-3 s earlier than the mechanical stops.

With the above connections the wing stops on the opening and closing mechanical stroke.

During opening operation, in the event of obstacle detection before the proximity switch operates, the wing stops and releases; after the proximity switch operates, the wing stops on the opening mechanical stroke.

During closing operation, in the event of obstacle detection before the proximity switch operates, the wing reopens; after the proximity switch operates, the wing stops on the closing mechanical stroke.

- (Fig. 10.4) The leaf stops on opening limit switches and onto closing mechanical stops and reverses on obstacles.

Set the operation time 2-3 s longer than the real operation time of the wing (TM<MAX), and the closing proximity switch 2-3 s earlier than the mechanical stop and connect the N.C. opening limit switch in series to the opening phase of the motor.

With the above connections the wing stops on the closing mechanical stroke while on the opening, it stops and releases when the relative limit switch operates.

During opening operation, in the event of obstacle detection, the wing stops and releases.

During closing operation, in the event of obstacle detection before the proximity switch operates, the wing reopens; after the proximity switch operates, the wing stops on the closing stop mechanical stroke.

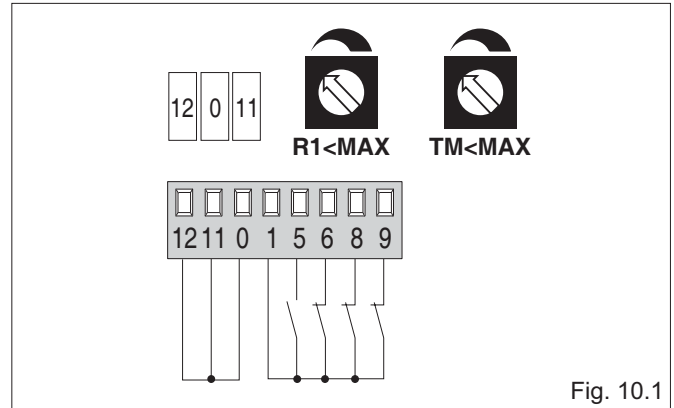


Fig. 10.1

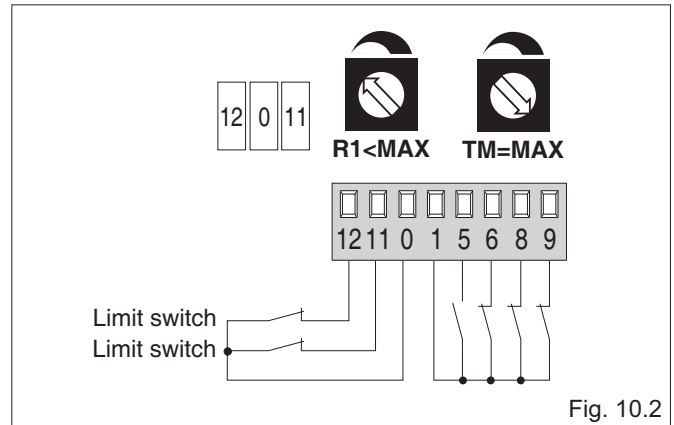


Fig. 10.2

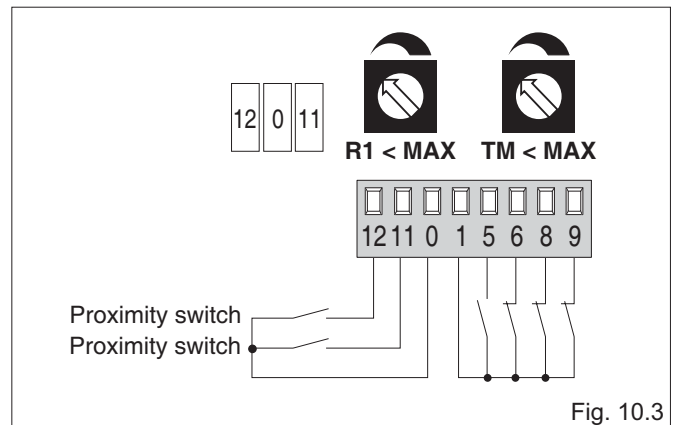


Fig. 10.3

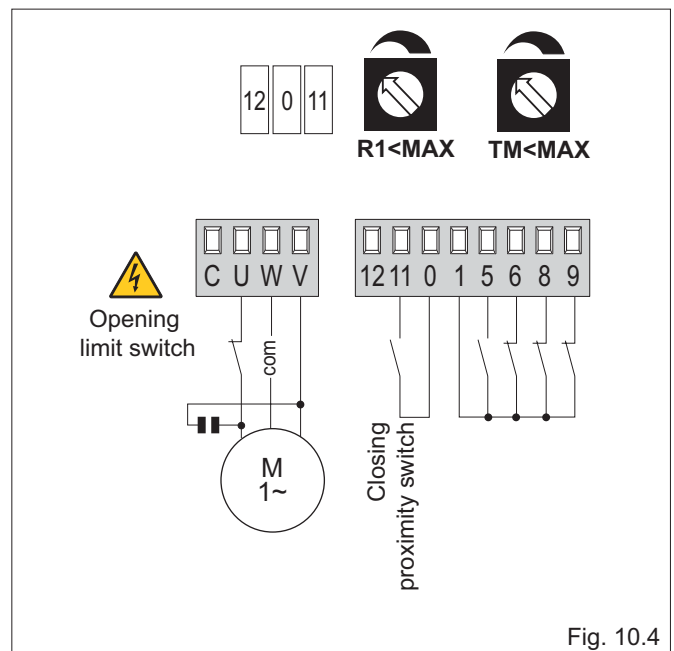
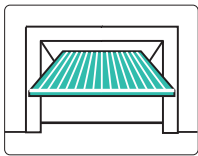


Fig. 10.4

## 11. EXAMPLE OF APPLICATION FOR BALANCED UP-AND-OVER DOORS (E1BOX)



Connect button P1 to terminals 1-5 as shown in fig. 11.1.  
If the balanced up-and-over door needs two motors, connect the motors as shown in fig. 11.2

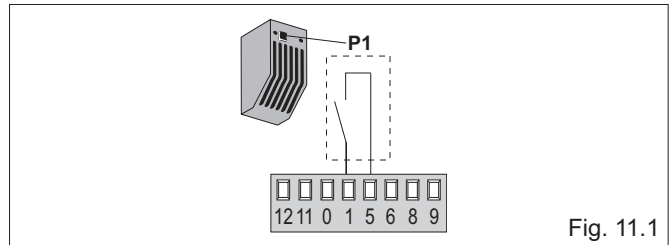


Fig. 11.1

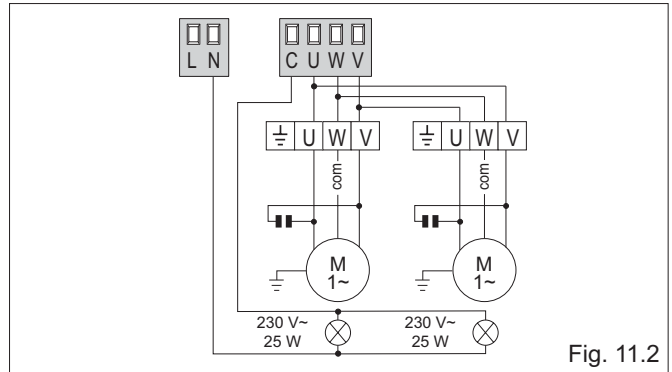
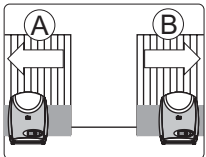


Fig. 11.2

E1

## 12. EXAMPLE OF PARALLEL AUTOMATIONS



It is possible to command two automations [A] and [B] side by side, making the connections indicated in fig. 12.1.

Commands 1-5 and the remote control (with DIP1=ON) are equivalent to a total opening command.

To manage both automations with a single remote control, do not use the radio receivers on the control panels, but insert a BIXLR22 receiver.

The automatic closing is obtained by regulating the TC trimmer not at the maximum, and in the same position in both control panels.

*Note: the opening and closing movements are not synchronised.*

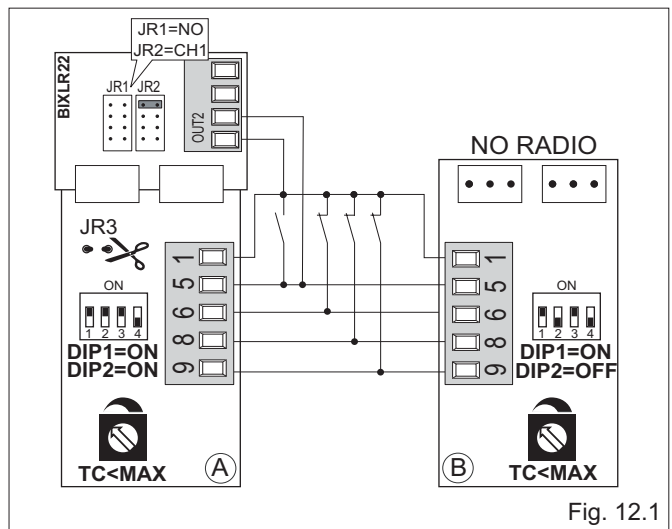


Fig. 12.1

If the automations are equipped with a type E1A control panel, make the connections shown in fig. 12.2

*Attention: in the absence of safety edges SOFA1-SOFA2, connect commands 1-6 and 1-8 to the SWT card.*

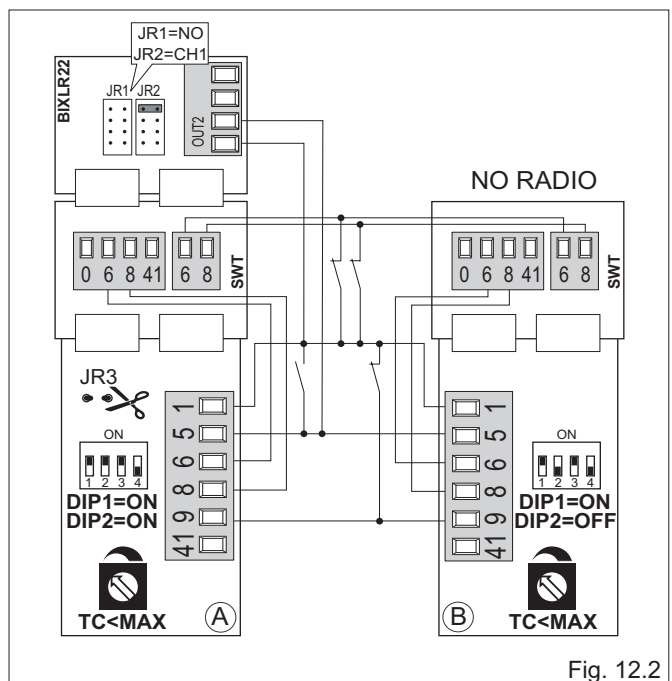


Fig. 12.2

E1A