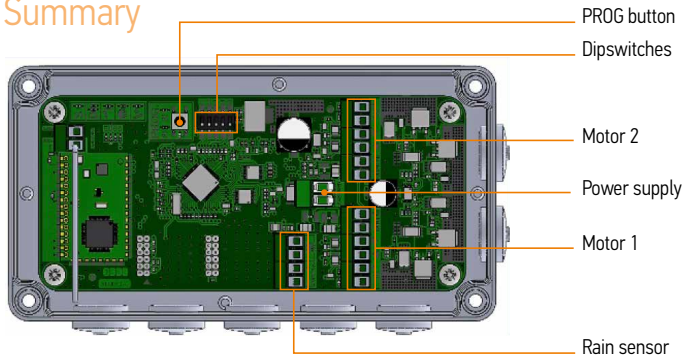


Connections

Summary

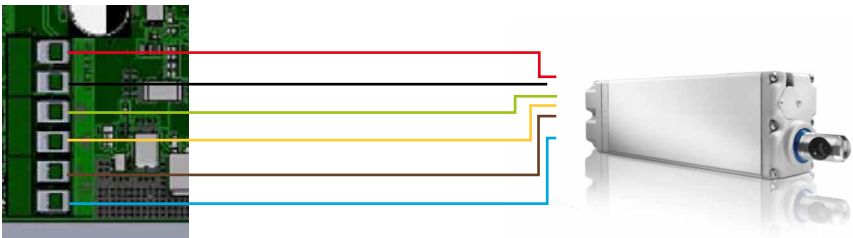


Power supply: 24 V dc



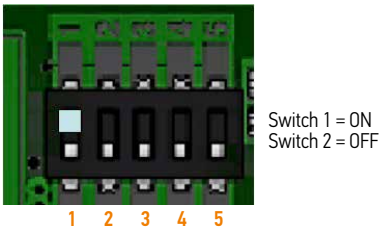
Motor connections

1 Motor with encoder

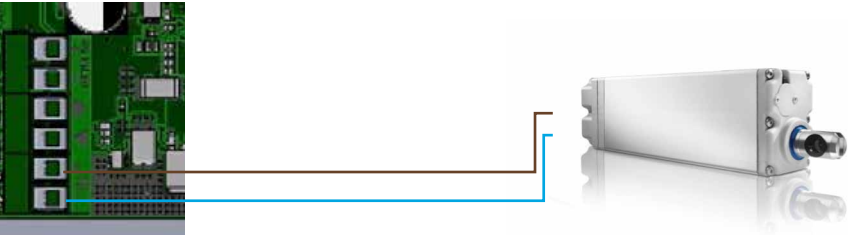


Control Unit		Motor
S1 (-)	Power supply of the motor 0 Vdc	Blue
S1 (+)	Power supply of the motor +24 Vdc	Brown
▲	Input Encoder motor 1	Yellow
▼	Not used	Green
Output Vdc (-)	0 Vdc Encoder	Black
Output Vdc (+)	+24 Vdc Encoder	Red

Dipswitches

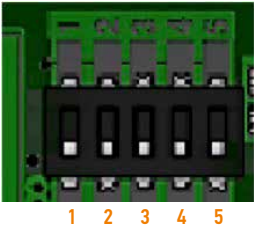


2 Motor without encoder



Control Unit		Motor
S1 (-)	Power supply of the motor 0 Vdc	Blue
S1 (+)	Power supply of the motor +24 Vdc	Brown

Dipswitches



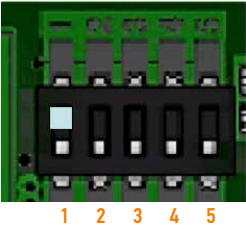
Switch 1 = OFF
Switch 2 = OFF

3 Two motors with encoder



Control Unit		Motor
S1 (-) /S2 (-)	Power supply of the motor 0 Vdc	Blue
S1 (+) /S2 (+)	Power supply of the motor +24 Vdc	Brown
1 ▲	Input encoder motor 1	Yellow
1 ▼	Not used	Green
2 ▲	Not used	Yellow
2 ▼	Input encoder motor 2	Green
Output Vdc (-) 1/2	0 Vdc Encoder	Black
Output Vdc (+) 1/2	+24 Vdc Encoder	Red

Dipswitches



Switch 1 = ON
Switch 2 = OFF → 2 Independent motors
ON → 2 synchronized motors

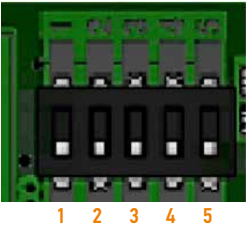
4 Two motors without encoder

Control unit pergola tilt io



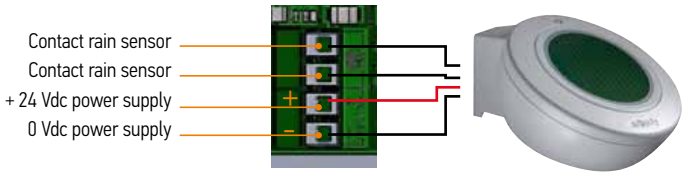
Control Unit		Motor
S1 (-) /S2 (-)	Power supply of the motor 0 Vdc	Blue
S1 (+) /S2 (+)	Power supply of the motor +24 Vdc	Brown


Dipswitches



Switch 1 = OFF
Switch 2 = Not used (Motors without encoder can't be synchronized)

Connections of the rain sensor



Control Unit		Rain sensor
	Contact 1	Black 1
	Contact 2	Black 2
Output Vdc (+)	Power supply rain sensor +24 Vdc	Red
Output Vdc (-)	Power supply rain sensor 0 Vdc	Black

The pergola will be closed when rain is detected



The rain sensor is deactivated when the Auto/Manu switch on the Situo 5 VAR A/M io is set on "Manual".

Dipswitches

	OFF	ON
Dipswitch 1	Motors without encoder	Motors with encoder
Dipswitch 2	No synchronization between both motors	Synchronization between both motors
Dipswitch 3	Max current 3 A	Max current 5,5 A
Dipswitch 4	Temperature sensor deactivated	Temperature sensor activated
Dipswitch 5	Slats opens when wind is detected	Slats are closed when wind is detected



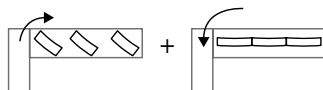
Settings in automatic mode

The end limits of the motor must be the same as the end limits of the pergola

1 Open the memory of the control unit



Press on the PROG button until...



...short open-close movement of the slats

2 Choose the output you want to set

Output 1



S1 blinks

Output 1 is selected → go to step 3

OR

Output 2



Short push on the PROG button



S2 blinks + short open-close movement of the slats

Output 2 is selected → go to step 3

OR

Output 1 and 2: for synchronized motors



Short push on the PROG button



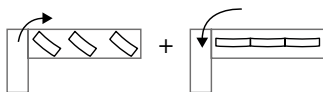
S1 and S2 are blinking + short open-close movement of the slats

Output 1 and 2 are selected → go to step 3

3 Activate the chosen output



Press up and down buttons until...

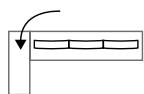


...short open-close movement of the slats

4 Check the rotation direction and change it if required

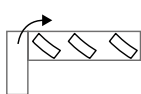


Short press.



The slats are closing
OK → go to step 5

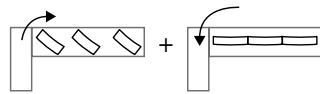
OR



The slats opens
Not OK



Press until...



...short open-close movement of the slats
OK → go to step 5

5 Set the end limits in automatic mode



Press shortly at the same time.

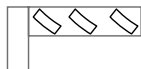


First the slats are closed and then reopened

6 Set the frost position



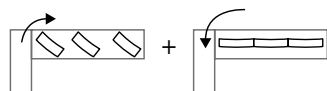
Move the slats to the desired frost position



Confirm the settings

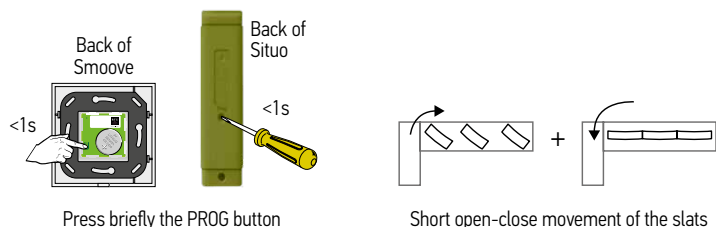


Press until...



...short open-close movement of the slats.

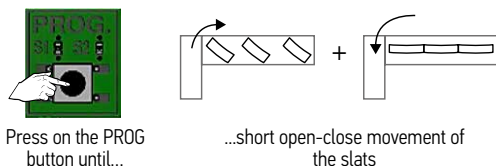
7 Program the transmitter



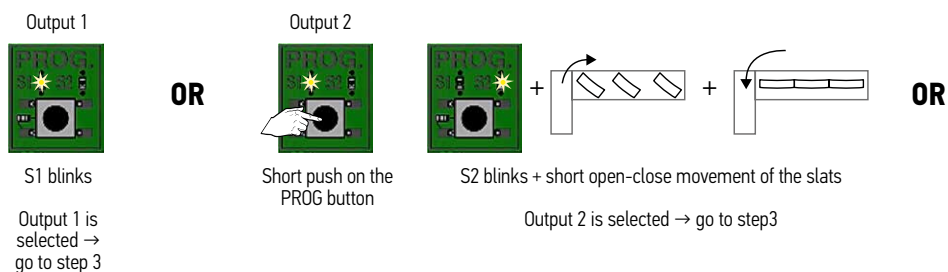
Settings in semi-automatic mode

Only possible if the motors are equipped with an encoder

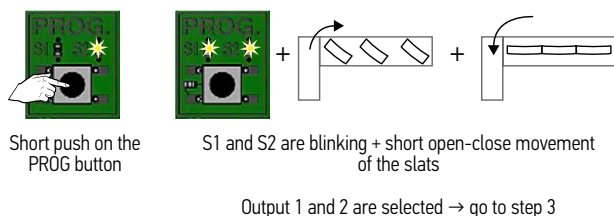
1 Open the memory of the control unit



2 Choose the output you want to set



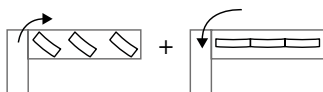
Output 1 and 2: for synchronized motors



3 Activate the chosen output



Press up and down buttons until...

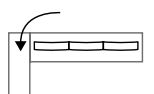


...short open-close movement of the slats

4 Check the rotation direction and change it if required

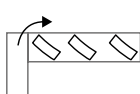


Short press.



The slats are closing
OK → go to step 5

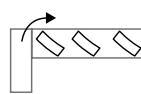
OR



The slats opens
Not OK



Press until...

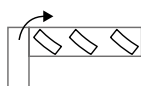


...short open-close movement of the slats
OK → go to step 5

5 Set a fixed upper end limit



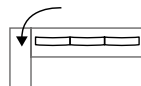
Keep pressed until...



...the desired position is reached



Press at the same time > 6 s and release the buttons

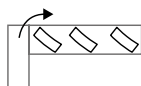


The slats will close.
Don't interrupt the movement.

6 Set the frost position



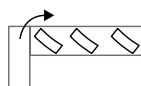
Keep pressed until...



...the desired position is reached

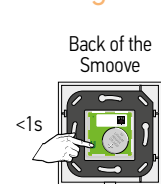


Press until...



...short open-close movement of the slats.

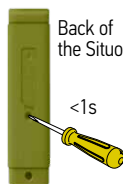
7 Program the transmitter



Back of the Smoove

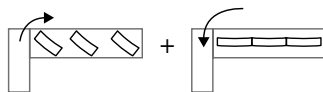
<1s

Press briefly the PROG button



Back of the Situo

<1s



Short open-close movement of the slats