

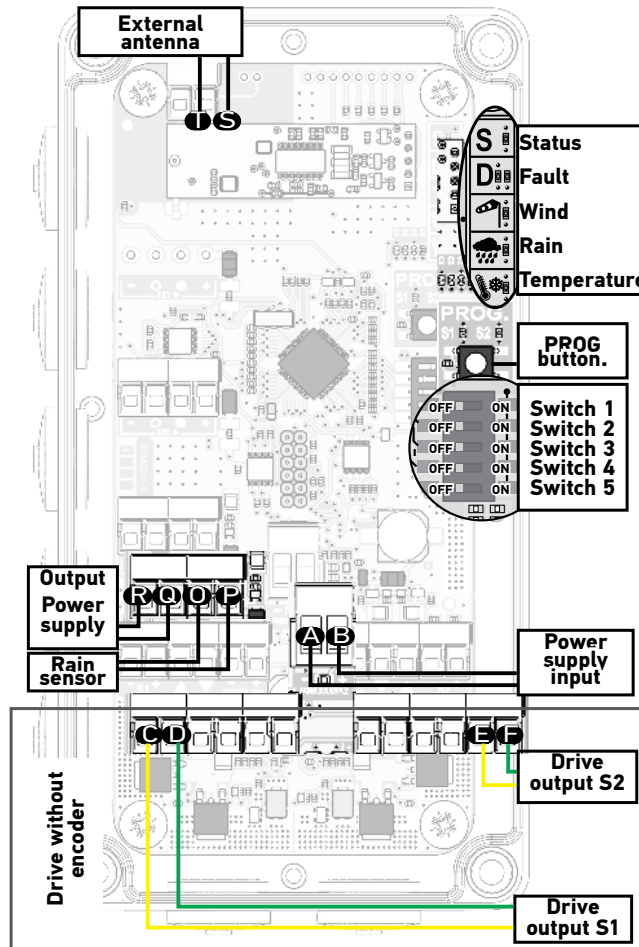
# Pergola Tilt RTS Control Box Connection Quick Start Guide for Slim Motor

**BEFORE YOU BEGIN:** Power must be cut before wiring or making any wiring changes

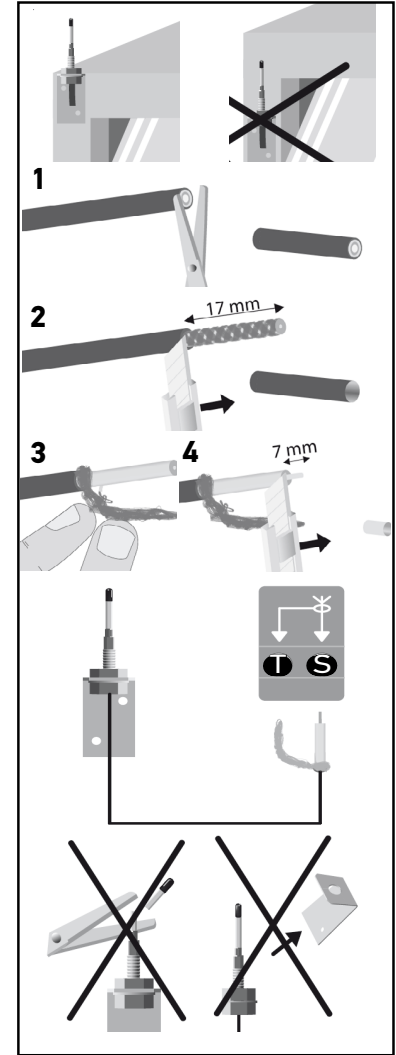
## DESCRIPTION & CONNECTIONS

Switch 1	
ON	Drive with coder sensor
OFF	Drive without coder sensor
Switch 2 (only if switch 1 is set to ON)	
ON	Activates synchronization S1 and S2
OFF	Deactivates synchronization S1 and S2
Switch 3	
ON	5.5 A max. per output
OFF	3 A max. per output
Switch 4	
ON	Activates the temperature sensor
OFF	Deactivates the temperature sensor
Switch 5	
ON	Open 50% in the event of wind
OFF	Open 100% in the event of wind

Power Supply Input			
A	-	24 Vdc power supply input (SELV)	
B	+		
Drive output 1			
Yellow	C	-	24 Vdc - 3A/5.5A drive: Maximum current according to switch 3
Green	D	+	
Drive output 2			
Yellow	E	-	24 Vdc - 3A/5.5A drive: Maximum current according to switch 3
Green	F	+	
Rain Sensor			
O	Contact	Dry contact input	
P	Common		
Q	-	Power supply output:	
R	+	24 Vdc/- 300 mA	



External antenna		
S	Signal	Conductor
I	GND	Shielding braid



## DESCRIPTIONS OF CIRCUIT BOARD INDICATOR LIGHTS

S	Status
The LED flashes every 4 seconds:	Circuit board waiting.
The LED flashes rapidly:	Command in progress.

D	Fault
The red LED light remains illuminated for 5 seconds:	Current consumption threshold has been exceeded or circuit board has heated up too much during an output command.
The red LED flashes:	drive synchronisation fault.
The orange LED remains illuminated for several seconds:	Backing-up the memory.
The orange LED flashes rapidly:	Movement of a drive not permitted by a sensor action.

W	Wind <sup>(1)</sup>
The orange LED remains illuminated:	Wind threshold has been exceeded.
The orange LED flashes rapidly:	protection still in progress for 15 minutes after the threshold last being exceeded.

R	Rain <sup>(1) (2)</sup>
The orange LED remains illuminated:	The rain threshold has been exceeded.
The orange LED flashes rapidly:	protection still in progress for 15 minutes after the threshold last being exceeded.

T	Temperature <sup>(1) (2)</sup>
The orange LED remains illuminated:	the ice threshold has been exceeded.
The orange LED flashes rapidly:	protection still in progress for 15 minutes after the latest threshold is exceeded.

# Pergola Tilt RTS Control Box Programming Quick Reference Guide



**BEFORE YOU BEGIN:** Power must be cut before wiring or making any wiring changes

## 1. Initiate Programming

1.1 **Press & hold the PROG button** on the circuit board until both S1 and S2 LEDs flash. The motor jogs.

1.2 **Briefly press the PROG button** to select motor S1 or S2 to program. S1 or S2 LED will blink to confirm the motor to be programmed.

1.3 On a multi-channel RTS control, select the desired channel.

1.4 **Press briefly UP and DOWN** simultaneously. The motor jogs.

## 3. Set the End Limits

**Briefly press UP and DOWN** at the same time to initiate the end limit (self-learning) process.

**Do not interrupt the movement: the drive will automatically search for its end limits.**

## 2. Check the Direction of Operation

2.1 **Press the UP** button to confirm the pergola opens.

**The direction of rotation is correct**

**If the pergola closes, the direction of rotation is incorrect.**

2.2 **Press & hold MY** button until the motor jogs. The rotation direction has been modified.

## 4. Snow/Ice Position and Validation

4.1 Use the **UP or DOWN** buttons to run the motor to the desired position for ice/snow.

4.2 **Press & hold the MY** button until the motor jogs to confirm the settings.

## 5. Pairing the Remote Control

**Briefly press the PROGRAMMING button** on the back of the transmitter. The motor jogs.

## 6. Programming Motor 2

Repeat steps from 1.2 through step 4. **NOTE:** On a multi-channel RTS control, select a different channel on step 1.3

## Add or Delete a Control or Sensor

a) **Press & hold the PROG button** on the back of Control 1 until the pergola jogs. b) **Briefly press the PROG button** on the back of Control 2 until the pergola jogs.

**CONTROL 1:** Previously programmed control

**CONTROL 2:** Second control to be added or deleted.

The procedure to delete a RTS control or sensor is the same.

### Resetting the Control Box to Factory Mode

Clearing the control box's memory completely: **> 7 s.**

**Press the PROG button** on the circuit board for more than 7 seconds until all the indicator lights on the circuit board light up.