




somfy.

# TECHNICAL DATA SHEET

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DOC197756 / 000  
TDST Pergola Slim Receiver io

Designation	Slim io Receiver Pergola + cable	
Reference	1871296	
Range	io-homecontrol	

## FUNCTIONS

### io-homecontrol External Receiver dedicated to Pergola applications:

Connected to actuators for Pergola :

- . with mechanical or electronic limit switch unit for end limits settings or SOMFY WT range.
- . with a constant speed during use
- . whose operating time before thermal protection is activated is greater than the complete operating time of the Pergola (Up End Limit => Down End Limit => Up End Limit)
- It has limited feedback functionality (label io compatible): it is able to tell the controls if the order is well received but it doesn't give the position of the actuator.



## TECHNICAL SPECIFICATIONS

Box	Material Color Protection factor against solid & liquid	A70 GF35 FRV0 Black IP 54
Power supply	Voltage  Frequency Maximum load	Nominal 220-240 VAC Min : 195,5 VAC – Max : 255 VAC 50 Hz 250 VAC / 3A
Standby consumption		0,41 W
Output load	Current	3.0 A max Cos $\varphi$ > 0.9
Maximum operating time after a control command		4 minutes Max
Radio frequency		868.25 / 868.95 / 869.85 Mhz $\pm$ 1 KHz
Antenna		integrated into the product
Standards		EN 60 730-1 EN 3014 89-3 EN 50 371 EN 300 220-2
Temperature range	Working	-20°C / +70°C
Drop resistance		1.5 m without packaging
Wear resistance		> 1 000 cycles of abrasion with a jeans
Weight		approximately 100g

## COMPATIBILITY

### **1W Controls :**

All 1W controls.

Up / My / Down functionalities

### **1W Sensors :**

Eolis wirefree io

Eolis 3D io

Sun 1W

### **2W Controls :**

Compatible with all Somfy and partners 2W Controls (regardless manual controls and automatisms)

Possibility to send any position between 0% to 100% (if the controls supports the function)

Feedback order well received % (if the controls supports the function) but no indication of the position.

Type of application shown on the 2W control.