

15/11/2017

TDST DOC145072 000
Lighting Receiver RGB-W

Designation	Lighting receiver RGB-W io
Reference	513 6112
Range	Receiver

FUNCTIONS

Operating light with variation functions

- Up (brief) = ON
- Down (brief) = OFF
- Up (long) = start a color loop
- Down (long) = start a color loop
- Scroll = dimming light intensity
- My = Favourite light intensity & Color

Compatibilities of the receiver:

- LED RGB or RGB-W or White driven in voltage



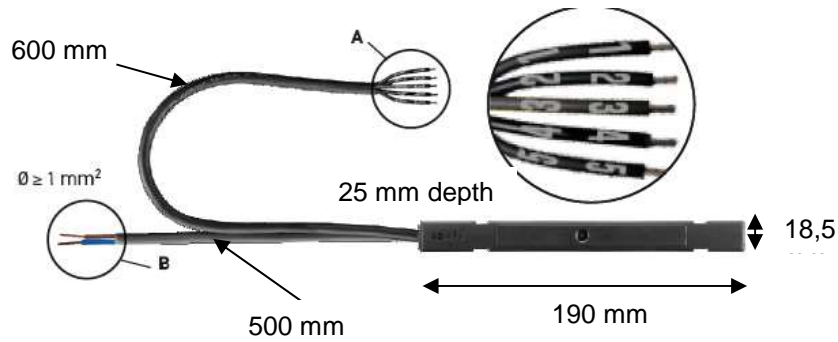
TECHNICAL SPECIFICATIONS

Power supply	Voltage	12 or 24 V
	Frequency	DC
Number of output	2 → 1 RGB + 1 W	
Light power	240 W maxi (10A) or 90 W (3.75A) by output	
Class	III	
IP level	IP 55	
Temperature range	Working : -20° to +60° C	
Protocol	io-homecontrol®	
Radio	Frequency	868 MHz Tri Band (868.25MHz / 868.95MHz / 869.85MHz)
	Radio range*	200m in free field 20m between 2 concrete walls
Dimensions (mm)	190 x 25 x 18,5 mm	
Cables	Input (main supply)	RNF 500mm
	Output (load)	RNF 600mm
Weight	180 g	
Antenna	Wired external antenna	
Memory capacity	3 remote controls 1W io-homecontrol® by output	
Standard (CE)	In accordance with CE declaration in internet Website www.somfy.com/ce	

* The radio range can be disturbed depending on the type of material (aluminum, steel, plastic...) where the receiver is integrated.

DESCRIPTION

Dimension :



COMPATIBILITIES

➤ Somfy remote controls :

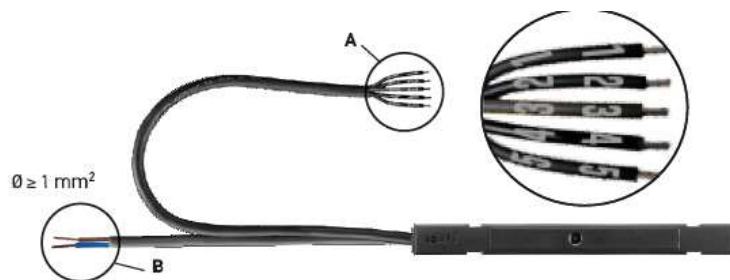
- **Full compatibility:**
 - Situo 5 variation (mode 2) - from 01/2018
 - New Situo io 1&5 + variation (mode2)
 - Nina
 - Tahoma / Conexxon
- **Degraded compatibility:**
 - Smoove io (mode 2 for dimming / No color)
 - Smoove origin io -> **NO dimming / No color**
 - Telis io
 - Telis Composio/Impressario io (No color)
 - Easy Sun io (No Color)

CABLING

Cabling

Power Supply

Brown	+Vdc
Blue	-Vdc



Load (LED)

1	Red
2	Green
3	Blue
4	White
5	V+