TECHNICAL DATA SHEET

HOME MOTION BY somfy

| 22 - 01 - 2007 | DMKI-FPTE 5013984 R0 |

Designation	UNIVERSAL receiver RTS
Reference	5013984
Range	Inteo

FUNCTIONS

The **Universal receiver RTS** controls an actuator by a RTS and RT controllers. Combined to sensor(s), the Universal receiver have an automatic control according to the daylight intensity, and a protection against wind damage. Time delay outputs : 3 minutes. Rolling code (16 million of possibilities) only with an RTS control. Up to 12 controls and up to 3 sensors can be memorised in the Universal receiver.

WIND function : When the wind speed exceeds the threshold setting, an UP order is given to the awning. When the wind speed falls below the threshold setting, a time delay of 30 seconds is activated. After this time delay any order can be given with push buttons. Wind setting range : 10 to 50 Km/h.
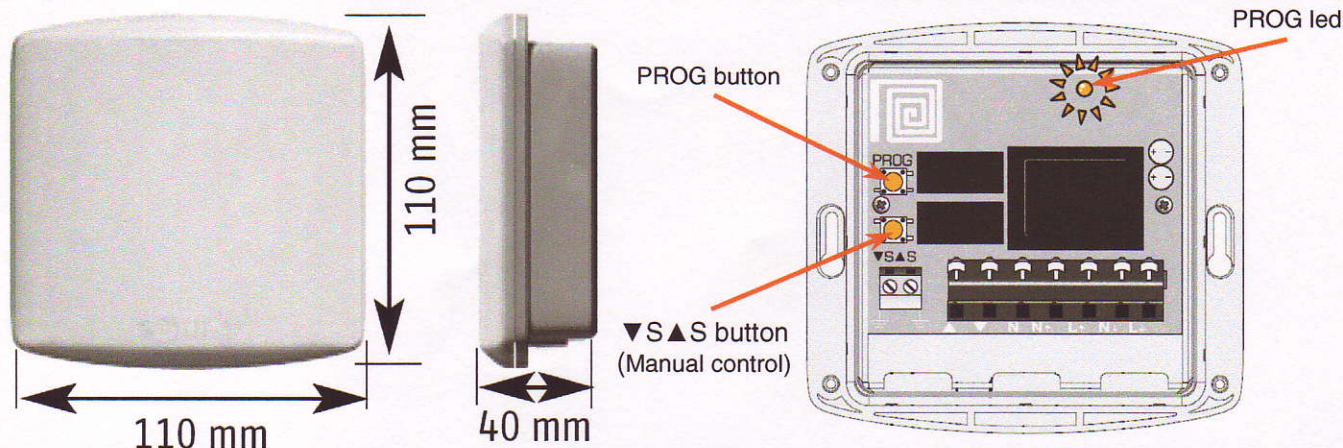
SUN function : When the intensity of the daylight exceeds the threshold setting, a DOWN order is given after 2 minutes. The awning goes to the IP1 (if IP1 is recorded), or to the down end-limit (if IP1 isn't recorded). When the daylight level falls below the threshold setting, a time delay between 15 to 30 minutes is activated (according to the sun presence duration). After this time delay, an UP order is given to the awning. Sun setting range : 0 to 50 Klux.

Possibility to set one or two intermediate positions (IP) : one accessible from the top (IP1) of the awning and one from the bottom (IP2).

TECHNICAL SPECIFICATIONS

Box	Material	Polypropylène
	Color	Bronzal Ultra Light
	Size	11 x 110 x 40 mm
	Protection factor against solid & splashproof	IP 55
		Class II product
Supply	Nominal	230 V
	Limits	205-255 V
	Frequency	50-60 Hz
Radio frequency		433.42 MHz
Protocol		RTS
Temperature range	Storing	-30°C / + 80°C
	Working	-20°C / + 60 °C
Connectors		Screws + fast connectors
Antenna		Built in
Output relays		250 VAC~ 3,15A
Weight		210 g
CE Requirements		YES

DESCRIPTION

110 mm

110 mm

40 mm

PROG led

PROG button

PROG

▼S▲S button
(Manual control)

COMPATIBILITIES AT THE 22/01/07

Inteo controls range :
- Inis RT (phase 1 & 2)
- Centralis RTS (+ Centralis RTS Gmbh)
- Telis 1 RTS
- Telis 4 RTS
- Telis Soliris RTS
- Telis Soliris Lighting RTS
- Chronis RTS
- Chronis Easy / Smart / Comfort RTS

Others controls :
- Keytis^{NS} 2 & 4 RTS
- SL 7077
- Dry contact transmitter (SL 2070)

Lounge controls range :
- Situo RTS
- Telis 1 RTS
- Telis 4 RTS
- Telis Soliris RTS
- Telis 4 Soliris RTS
- Composio 20 RTS
- Impresario RTS

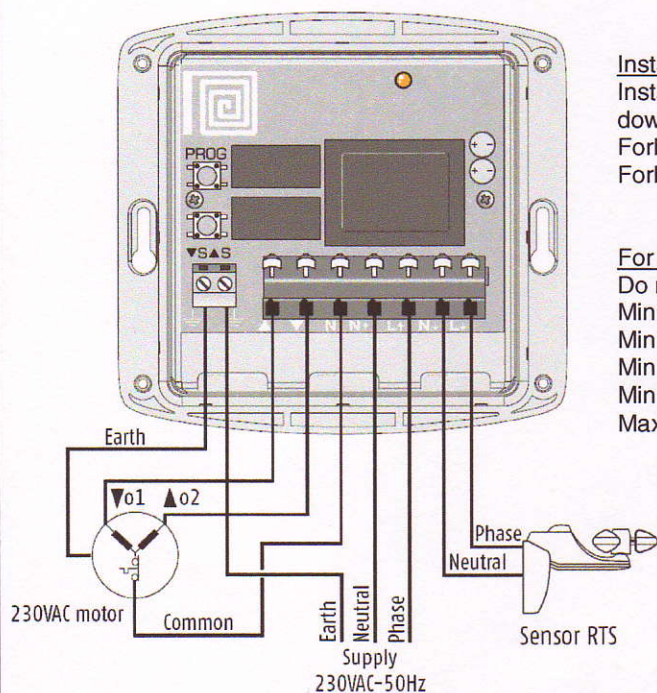Sensors range :
- Sunis RTS
- Eolis RTS
- Soliris RTS

WIRING

PROG

▼S▲S

Earth

▼o1 ▲o2

230VAC motor   Common

Earth
Neutral
Phase

Supply
230VAC-50Hz

Phase
Neutral

Sensor RTS

Installation recommendations :
Install the Universal receiver with the cables entries pointing
downwards to avoid water infiltration.
Forbidden to connect several sensors to one Universal receiver.
Forbidden to connect several Universal receivers to one sensor.

For optimum radio performances :
Do not install the Universal receiver against a metallic part.
Minimum distance between the receiver and the floor : **1,5 m**.
Minimum distance between the receiver and the roof : **30 cm**.
Minimum distance between the receiver and the transmitter(s) : **30 cm**.
Minimum distance between two receivers : **20 cm**.
Maximum distance between the receiver and the sensor : **30 m**.

Development & Engineering	Quality	Business Units
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