



somfy

TECHNICAL DATA SHEET

22 - 10 - 2010

SDEV-FICA 145 R0

Designation	DRY CONTACT Transmitter
Reference	1810135B
Range	Inteo

FUNCTIONS

The Dry contact transmitter RTS is an RTS control that can be controlled driven by a key switch, a paddle switch, a Centralis IB or a dry contacts rain sensor.

Possible orders : up, stop and down (no tilting function).

Rolling code (16 million of possibilities) only with a RTS control.

The Up or Down radio commands are achieved when the Up or Down (▼▲) inputs are connected with the common input (C). The Stop command is achieved when the three inputs (▼▲C) are connected together.

To enable the adjustable slats on Venetian blinds (interior or exterior) to be controlled, a parameter must be changed with the button (▼S▲S)

US mode (default mode)= Corresponds to a short radio emission (0.5s): at 5 s press allows to switch to Europe mode, the LED comes on for 2s.

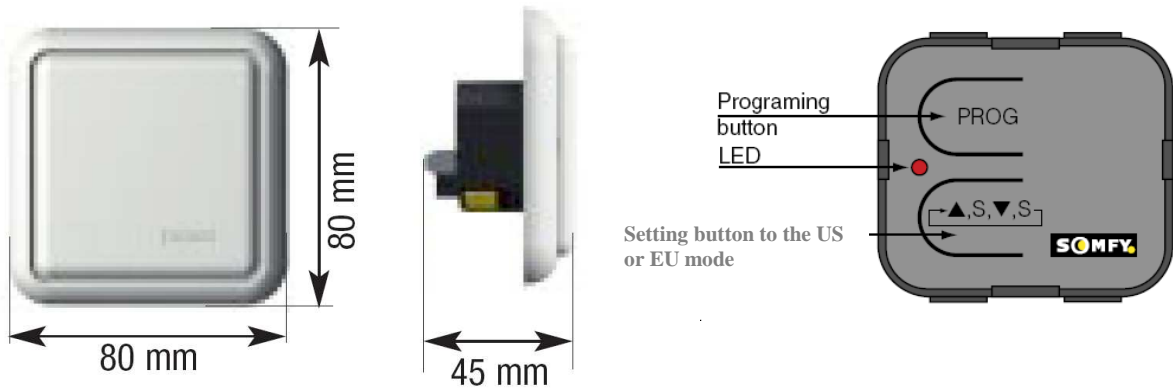
EU mode = Corresponds to a long radio emission (3s): at 5 s press allows to switch to US mode, the LED flashes for 2s.



TECHNICAL SPECIFICATIONS

Box	Material	ABS
	Color	Black - White
	Size	80 x 80 x 45 mm
	Protection factor against solid & splashproof	IP 30
	Consummation	1.3W
Supply	Nominal	230 V
	Limits	205-255 V
	Frequency	50 Hz
Radio frequency		433,42 MHz +/- 100kHz
Radiated power		0dBm or 1mW
Modulation Type		ASK type A1
Range (minimum guaranteed)		20 m with 2 reinforced concrete walls
Protocol		RTS
Temperature range	Storing	-30°C / + 80°C
	Working	+5°C / + 40 °C
Connectors		Screws
Antenna		Built in
Weight		75 g
Standard (CE)		

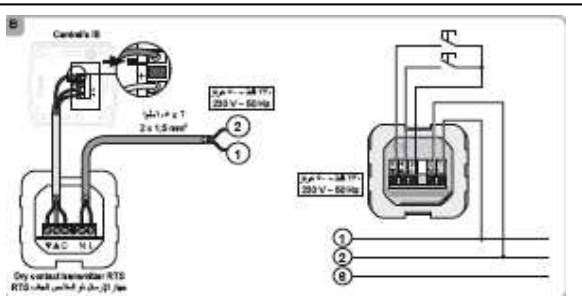
DESCRIPTION



COMPATIBILITIES AT THE 22/01/07

See Compatibility Matrix on Product & survey => Shutters & Awnings => Compatibility => RTS Matrix

WIRING

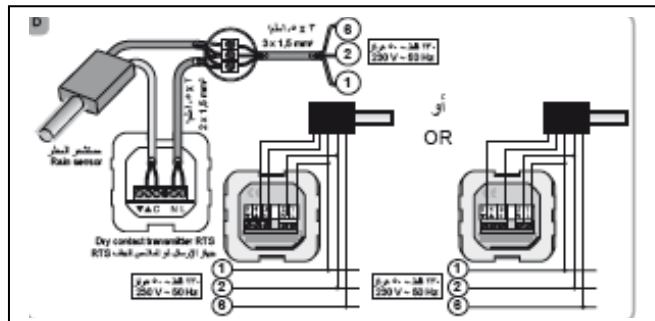
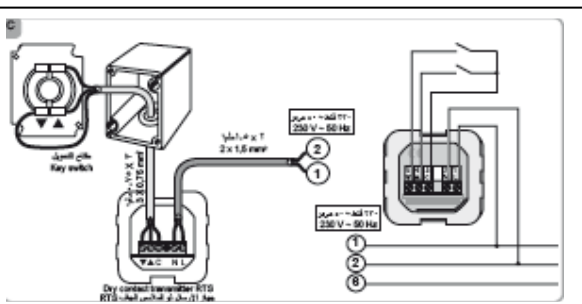


Installation recommendations :

Place in a 50 mm inset mounting box (60 mm spacing), or surfaced mounted.

For optimum radio performances :

Do not install the Dry Contact transmitter against a metallic part.
 Minimum distance between the transmitter and the floor : **1,5 m**.
 Minimum distance between the transmitter and the roof : **30 cm**.
 Minimum distance between the transmitter and the receiver(s) : **30 cm**.



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