

Data Sheet		
Designation	POWER 4x2.5 DC RTS RECEIVER	
Reference	1870162	
Range	Radio	RTS 433 MHz
	Power	1

FUNCTIONS

The POWER 4x2,5DC RTS Receiver is a radio receiver with integrated power supply for 4 groups of actuators. Modulis transmitter and sun sensor compatible.

Motor compatibility see Somfy DC Power supply - Controller - Actuator - Compatibility matrix.

Caution : FOR INDOOR USE ONLY

TECHNICAL SPECIFICATIONS

BOX	Material Color Size Protection factor Weight (net)	plastic white 155 x 155 x 54 (mm) IP20 520gr
INPUT	Range of supply voltage Frequency No load power consumption Max wire size for terminals Fuse	198-255 V AC 50 Hz 0,7 W 1,5 mm² Fuse
OUTPUT	Nominal load (maximum continuous current) per output Voltage Outputs Ripple (peak to peak) Max wire size for terminals Total regulation Fuse	2,5A 24Vdc SELV regulated 4 outputs (cascade behaviour --> only 1 output running at the same time) < 500mV 1,5 mm² +/- 5% (22,8V to 25,2V) auto-recovery
RADIO PROTOCOL	Type frequency Modulis compatible Sun sensor compatible	Somfy RTS protocol 433,42MHz YES YES
POWER SUPPLY SPECIFICATIONS	Type	SMPS (switching mode pwr supply)
STANDARDS	Standards reference Approvals Insulation class	EN50022 classB EN 61058 Class II
TEMPERATURE RANGE	Working / running time Storage Rate of humidity relative	-10°C to +35°C / 24min ON, 30min OFF, 24min ON +35°C to +55°C / 12min ON, 30min OFF, 12min ON -30°C to +80°C 85% HR at 30°C
CONNECTORS	Input Output	screw terminal; IEC320 C8 (2P) screw terminal
INSTALLATION DISTANCE	Distance mini between a motor and a receiver Distance mini between the floor and the receiver Distance mini between 2 receivers Distance mini between the ceiling and the receiver Distance mini between the wall and the receiver	30 cm 1,5 m 30 cm 3 cm 3 cm

Dimensions (mm)