

## Sonesse® 40 RTS

<b>404S2</b>	1001636
<b>406A2</b>	1001637
<b>409R2</b>	1001638



Somfy  
DESIGNED FOR  
SILENCE

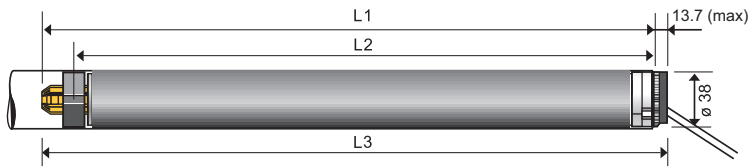


Radio Technology Somfy (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

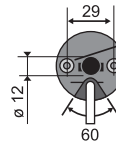
## Technical Features

<b>Voltage Supply</b>	120V AC	<b>Limit Switch Capacity</b>	250 Turns (limited to 3 minutes of rotation without stop)
<b>Index Protection Rating</b> (interior use only)	IP 44	<b>Temperature Working Range</b>	32°F to 140°F (0°C to 60°C)
<b>Limit Switch Type</b>	Electronic (RTS)	<b>Insulation Class</b>	Class 1 for 120V AC

## Dimensions



NOTE: Illustration dimensions in millimeters (mm).



2 mounting holes for self tapping screws.  
Dia. 4 mm (cat #100405B) Depth 9 mm  
spaced 1.14" (29 mm) apart.

Self tapping mounting screws are included with each motor.

Dimensions	404S2	406A2	409R2
<b>L1</b>	19.84 in. (504 mm)	21.06 in. (535 mm)	21.06 in. (535 mm)
<b>L2</b>	18.90 in. (480 mm)	20.12 in. (511 mm)	20.12 in. (511 mm)
<b>L3</b>	20.35 in. (517 mm)	21.57 in. (548 mm)	21.57 in. (548 mm)
<b>Cable Length</b>	11.5 ft. (3.5 m)		

## Specifications

	404S2	406A2	409R2
<b>Torque</b>	4 Nm	6 Nm	9 Nm
<b>Nominal Voltage</b>	120V / 60Hz		
<b>Rated Current</b>	.95 A	1.2A	.98A
<b>Speed</b>	36 rpm	24 rpm	14 rpm
<b>Thermal Protection</b>	4 minutes		
<b>Radio Frequency</b>	433.42 MHz		
<b>Sound Level*</b>	42 dBA	44 dBA	40 dBA

### Sound level:

According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

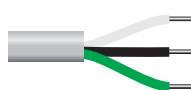
### Fabrication recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free plays have to be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > or = 38mm must be respected to prevent contact with the basic motor tube.
- 400 Series Drive Stop and Screw (9147894) is recommended to prevent noise and drive wheel separation from motor shaft.



## Type of power cable

**RTS**  
**120V AC / 60Hz**  
**3 conductor cable**



white = neutral  
black = hot  
green = ground