

# Radio Technology Somfy® RTS > Sonesse® 50 RTS

## Sonesse® 50 RTS Round Head

504S2RH 1030066

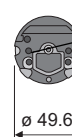
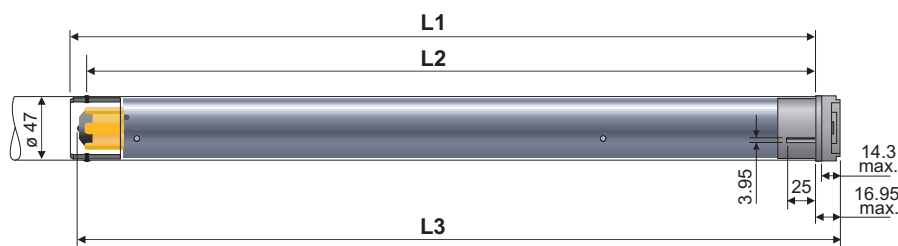


Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

### Technical features

<b>Voltage Supply</b>	AC
<b>Index Protection Rating</b> (interior use only)	IP 31
<b>Limit Switch Type</b>	Electronic RTS
<b>Limit Switch Capacity</b>	250 Turns

<b>Temperature Working Range</b>	32°F to 140°F (0°C to 60°C)
<b>Insulation Class</b>	Class 1 for 120V
<b>Antenna</b>	Integrated into power cord. Must be at least 12 inches and must not come in contact with metal



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

### Performances 504S2RH

<b>Torque</b>	4 Nm
<b>Nominal Voltage</b>	120V/60Hz
<b>Rated Current</b>	.95A
<b>Speed</b>	32 rpm
<b>Thermal Protection</b>	4 minutes
<b>Radio Frequency</b>	433.42 MHz
<b>Sound Level</b>	≤ 44 dBA

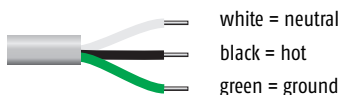
### Dimensions 504S2RH

<b>L1</b>	30.83 in (783 mm)
<b>L2</b>	30.31 in (770 mm)
<b>L3</b>	31.34 in (796 mm)
<b>Cable Length</b>	6.5ft (2 m)

Optional cables with NEMA plugs available in 3ft, 6ft, 12ft, 18ft, 24ft.

### Type of cable

RTS  
120 V / 60 Hz  
3 conductor cable



### Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 47mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) included with Sonesse series motors only, is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.