

Soness® 40 RTS

404S2 1240380
406A2 1240381
409R2 1240382

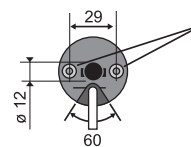
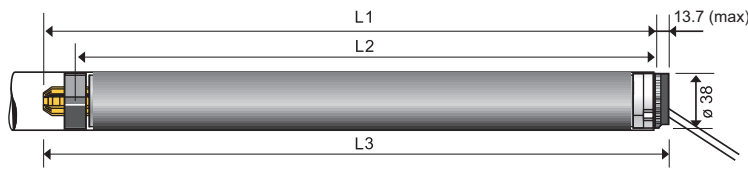


Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

Voltage Supply	120V AC	Limit Switch Capacity	200 Turns
Index Protection Rating (interior use only)	Motor: IP 44 Fast Connector IP55	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Limit Switch Type	Electronic (RTS)	Insulation Class	Class 1 for 120V AC
		Antenna	Integrated into power cord. Power cord must be at least 12 inches and must not come in contact with metal.

Dimensions



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.

NOTE: Illustration dimensions in millimeters (mm).

Dimensions	404S2	406A2	409R2
L1	19.96 in. (507 mm)	21.18 in. (538 mm)	21.18 in. (538 mm)
L2	19.00 in. (483 mm)	20.24 in. (514 mm)	20.24 in. (514 mm)
L3	20.5 in. (520 mm)	21.69 in. (551 mm)	21.69 in. (551 mm)
Cable Length	1.6 ft (.5 m) to Fast Connector		

Specifications

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

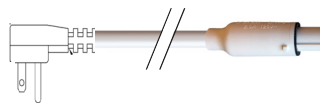


Type of power cable

RTS
120V AC / 60Hz
3-Conductor 1.6 ft. SJTW Cable on Motor with Fast Connector



Extension cables (sold separately)



3 Conductor Fast Connector Extension Cable with NEMA Plug (RTS & RS485)

9021113	1.4 ft.	9021114	4.4 ft.
9021115	8.4 ft.	9020791	10.4 ft.
9020792	18 ft.	9020793	24 ft.



3 Conductor Fast Connector Extension Cable with Open Leads or No NEMA

9021157	8.4 ft.
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3 Conductor Panel Mount Female Fast Connector for direct connection to J-Box

9026398	Panel Mount Female Fast Connector
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