Sonesse® 40 RTS

404S2	1240380
406A2	1240381
409R2	1240382

Somfy
DESIGNED FOR
SILENCE

RTS
Radio Technology Somfy®

Offers control via
Radio Technology
Somfy® (RTS)

Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating (interior use only)	Motor: IP 44 Fast Connector IP55
Limit Switch Type	Electronic RTS
Limit Switch Capacity	200 Turns

Temperature Working Range	32°F to 140°F (0°C to 60°C)
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

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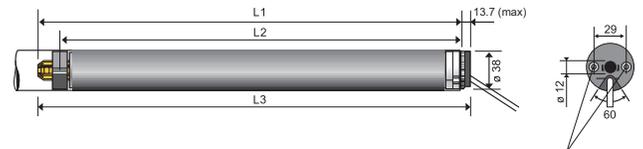
2 mounting holes for self tapping screws.
Dia. 4 mm (cat #100405B) Depth 9 mm spaced 1.14" (29 mm) apart.
Self tapping mounting screws are included with each motor.

Specifications

	404S2	406A2	409R2
Torque	4 Nm	6 Nm	9 Nm
Nominal Voltage	120V / 60Hz		
Rated Current	.95A	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.

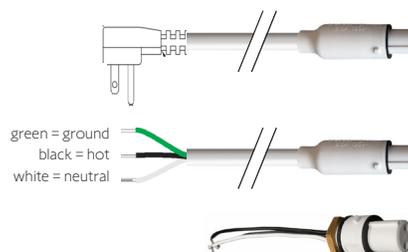≤ 40 dBA   ≤ 42 dBA   ≤ 44 dBA   ≤ 55 dBA

Certifications

Type of power cable

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

Extension Cable (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.

green = ground
black = hot
white = neutral

3 Conductor Fast Connector Extension Cable with Open Leads or No NEMA
9021157   8.4 ft.

3 Conductor Panel Mount Female Fast Connector for direct connection to J-Box
9026398   Panel Mount Female Fast Connector

POLAR SHADES®
sun control

POWERED by Somfy®