# Altus® 40 RTS

**404S2**    1240260
**409R2**    1240261

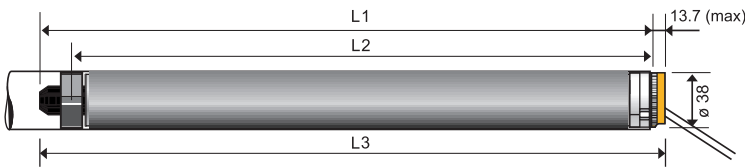Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.
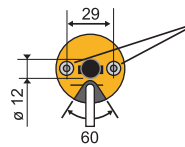
## Technical Features

| | | | |
|---|---|---|---|
| **Voltage Supply** | 120V AC | **Limit Switch Capacity** | 200 Turns |
| **Index Protection Rating** | Motor: IP 44<br>Fast Connector: IP55 | **Temperature Working Range** | 14°F to 104°F (–10°C to 40°C) |
| | | **Insulation Class** | Class 1 for 120V AC |
| **Limit Switch Type** | Electronic (RTS) | **Antenna** | Integrated into power cord. Power cord must be at least 12 inches and must not come in contact with metal. |

## Dimensions



13.7 (max)
ø 38

L1
L2
L3

29
ø 12
60

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 | 409R2 |
|---|---|---|
| **L1** | 20.08 in. (510 mm) | 20.87 in. (530 mm) |
| **L2** | 19.13 in. (486 mm) | 19.92 in. (506 mm) |
| **L3** | 20.59 in. (523 mm) | 21.38 in. (543 mm) |
| **Cable Length** | 1.6 ft (.5 m) to Fast Connector | |

## Specifications

| | 404S2 | 409R2 |
|---|---|---|
| **Torque** | 4 Nm | 9 Nm |
| **Nominal Voltage** | 120V / 60Hz | |
| **Rated Current** | .95 A | 1.05 A |
| **Speed** | 36 rpm | 18 rpm |
| **Thermal Protection** | 5 minutes | |
| **Radio Frequency** | 433.42 MHz | |
| **Sound Level*** | 57 dBA | 54 dBA |

**Sound level:**
*According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.
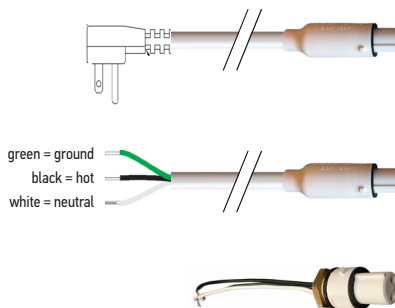
**Fabrication recommendations:**
- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free plays have to be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube 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. |

green = ground
black = hot
white = neutral

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

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

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