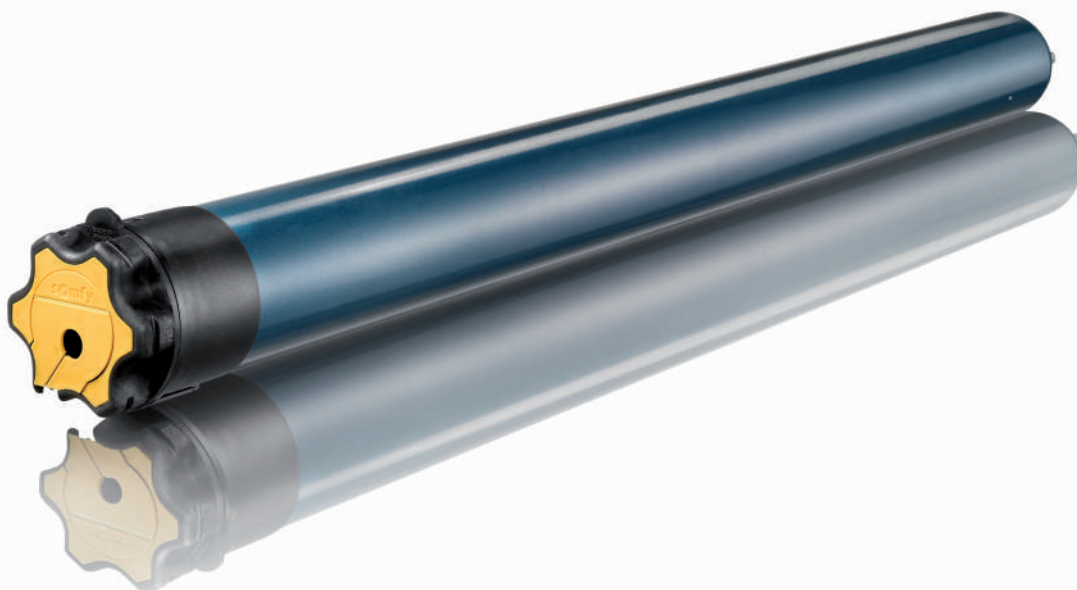




# 600 Series Databook

LT60



HOME MOTION by  
**somfy**®

Somfy Systems, Inc., is a global leader in the manufacturing of strong, intelligent and quiet motors for both interior and exterior window coverings. For more than four decades, engineers at Somfy have been designing products for both the residential and commercial markets to motorize window coverings such as interior shades, wood blinds, draperies, awnings, rolling shutters, exterior solar screens, projection screens and more. Somfy motorization systems are easily integrated with security, HVAC, and lighting systems, providing total home or building automation. Somfy recently celebrated the production and sales, throughout the world, of 100 million motors since 1969. This accomplishment further reinforces that Somfy is the worldwide leader in the manufacturing of interior and exterior window covering motors.



## WHY SOMFY?

**Somfy has a committed Customer Support team comprised of Somfy motor and control specialists available for assistance:**

**Somfy Corporate Headquarters**  
800-22-SOMFY (76639)

**General Customer Service**  
877-210-5327  
CustomerService\_us@somfy.com

**Standard Purchase Order**  
Ordering\_us@somfy.com

**Rush Purchase Order**  
ExpeditedShippingOrders\_us@somfy.com

**Accounting Inquiries**  
AccountsReceivable@somfy.com

**Technical Support**  
877 - 233 - 0019  
TechnicalSupport\_us@somfy.com

**Warranty Claim Requests**  
us\_Return@somfy.com

- Somfy has a production capacity of more than 43,000 motors per day.
- Somfy motors have over 600 standards approvals worldwide.
- Somfy has certified over 100 patents since the year 2000.
- Every Somfy motor goes through an extensive quality assurance process including testing in extreme environmental conditions, for electrostatic discharge, mechanical shock, and high life cycle.
- Somfy has a network of 15,000 trained professional installers throughout the world.



Somfy operates in 54 countries, with 68 subsidiaries, and 51 agencies spread across 5 continents. With 7 production centers, Somfy is an efficient and reactive industry leader. Thanks to its strict quality standards, Somfy is able to satisfy the needs of over 270 million users worldwide.



Somfy understands that training and support are critical to success. Somfy's Expert 2.0 Program has been developed to provide a platform for those who want to enhance their expertise of motorization and control solutions. Contact Somfy directly or visit [www.somfypro.com](http://www.somfypro.com) to learn more and sign up for training.

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## CONTROL ACCESSORIES

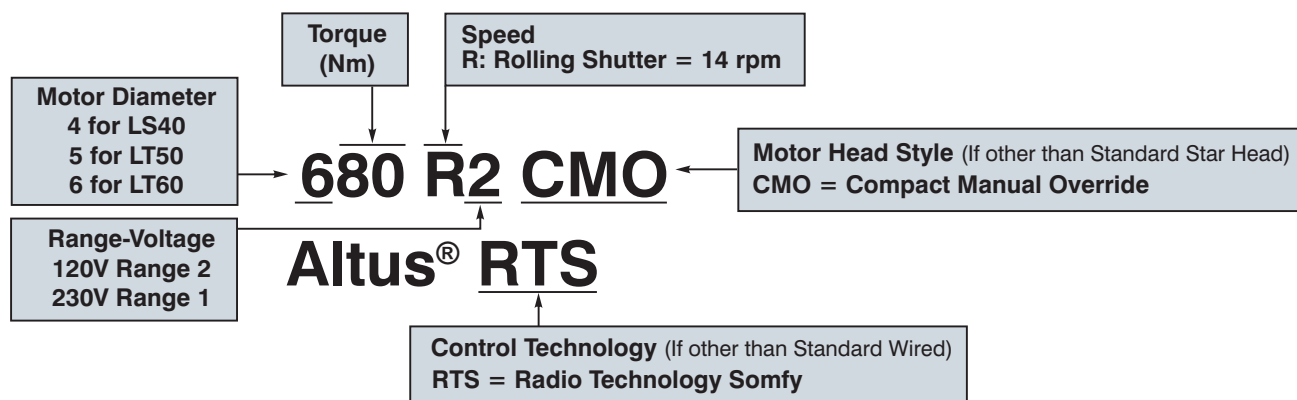
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# Somfy's 60 mm Motor Range

## Motor Identification Key



## Somfy Technologies



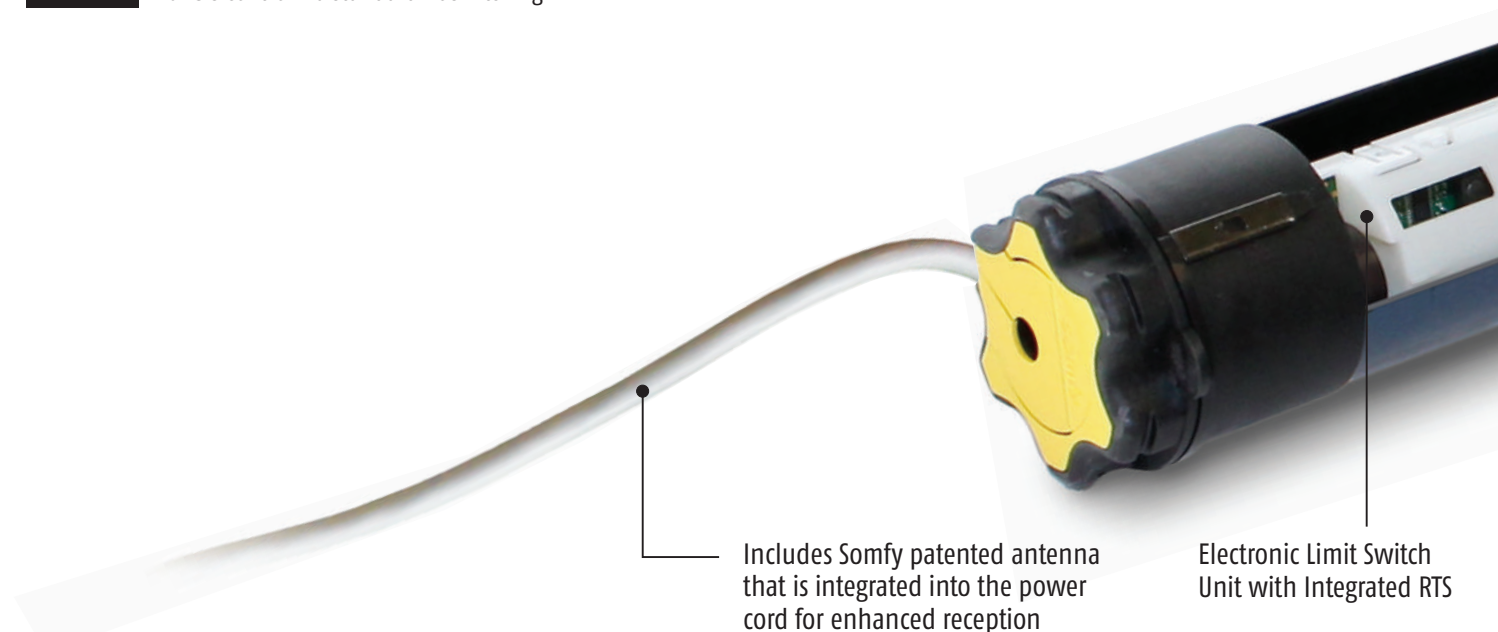
### Radio Technology Somfy

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



### Wired Technology

Offers control via standard AC switching



As with all Somfy products, motors are backed by a 5 year warranty



## Wide Range of Motors Provide Solutions for Every Application:

- Interior
- Exterior
- Residential
- Commercial

## Quick and Easy Installation:

- Compatible with leading industry hardware solutions
- Can be installed in 6 different orientations
- Advanced design enables simple "Snap-On" connection for roller tube adapters

## Simple Electrical Connection

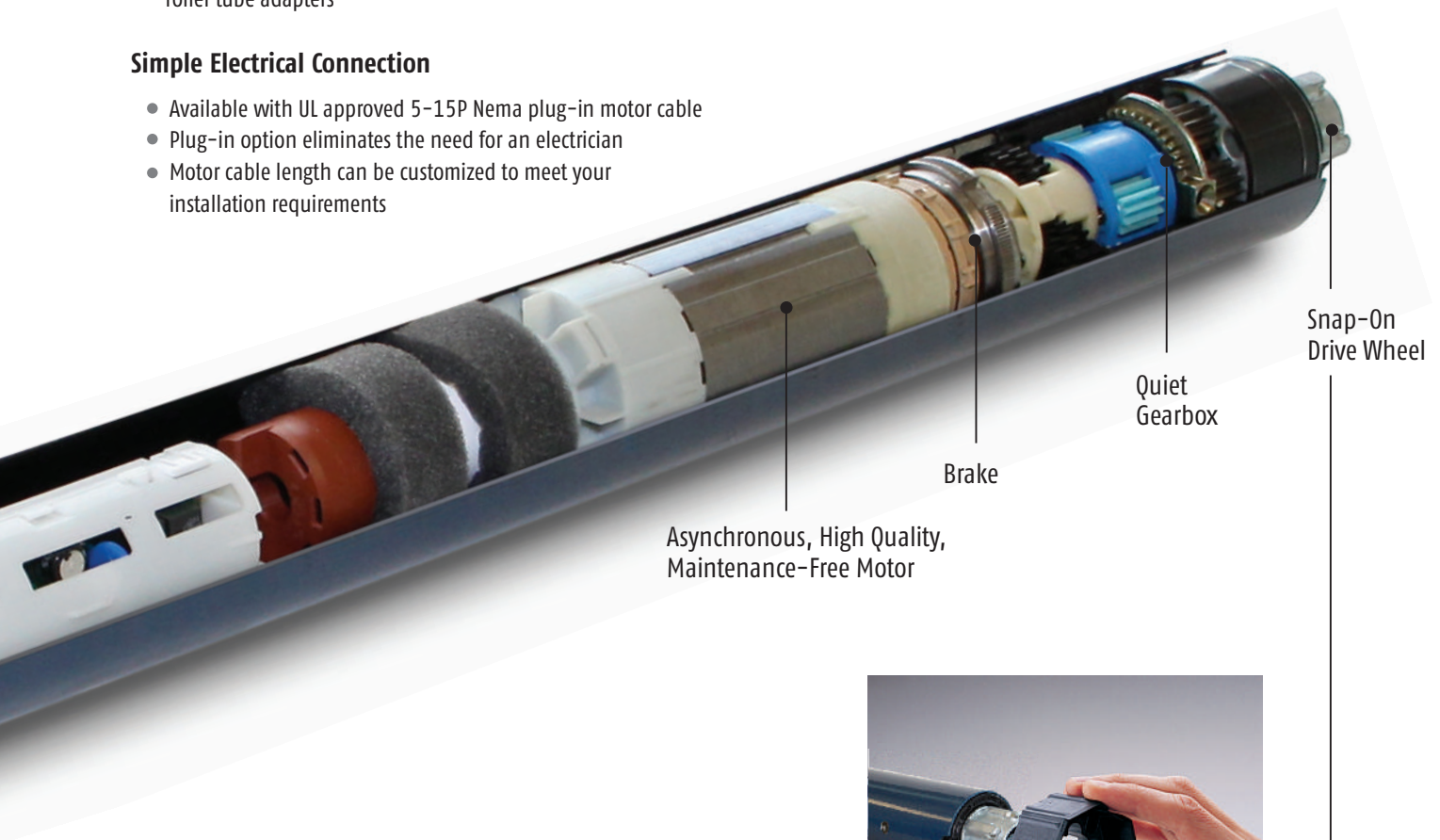
- Available with UL approved 5-15P Nema plug-in motor cable
- Plug-in option eliminates the need for an electrician
- Motor cable length can be customized to meet your installation requirements

## Easy Limit Switch Setting

- Limits can be set via radio transmitter
- Simple push-button limit setting option

## All SOMFY Motors are UL and CSA Recognized

- All SOMFY motors are UL recognized and can be found in the following file numbers: E60495, E60888, E63714



Drive adapter is attached with a simple snap-on connection

# **Motors and Specifications**

# Radio Technology Somfy® RTS > LT60 Altus RTS

## LT60 Altus RTS

660R2 1162213  
680R2 1164132  
6100R2 1166142

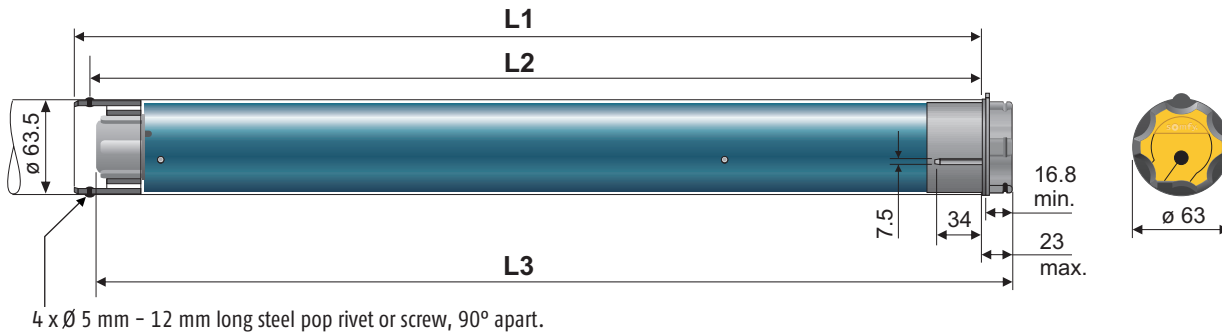


Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings, awnings and rolling shutters via the RTS family of controls.



## Technical features

<b>Voltage Supply</b>	120V AC 60Hz	<b>Temperature Working Range</b>	14°F to 104°F (-10°C to 40°C)
<b>Index Protection Rating</b>	IP 44	<b>Insulation Class</b>	Class 1 for 120V
<b>Limit Switch Type</b>	Electronic RTS	<b>Antenna</b>	Integrated into power cord. Must be at least 12 inches and must not come in contact with metal.
<b>Limit Switch Capacity</b>	200 Turns		



4 x Ø 5 mm - 12 mm long steel pop rivet or screw, 90° apart.

## Performances

	660R2	680R2	6100R2
<b>Torque (in. lbs.)</b>	60 Nm (530 in. lbs.)	80 Nm (700 in. lbs.)	100 Nm (880 in. lbs.)
<b>Nominal Voltage</b>	120V/60Hz	120V/60Hz	120V/60Hz
<b>Rated Current</b>	2.5A	3.4A	3.8A
<b>Speed</b>	14 rpm	14 rpm	14 rpm
<b>Thermal Protection</b>	4 minutes	4 minutes	4 minutes
<b>Radio Frequency</b>	433.42 MHz	433.42 MHz	433.42 MHz
<b>Sound Level</b>	≤ 63 dBA	≤ 65 dBA	≤ 67 dBA

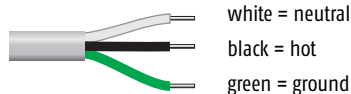
## Dimensions

	660R2	680R2	6100R2
<b>L1</b>	27.32 in (694 mm)	28.89 in (734 mm)	28.89 in (734 mm)
<b>L2</b>	26.65 in (677 mm)	28.23 in (717 mm)	28.23 in (717 mm)
<b>L3</b>	27.56 in (700 mm)	29.13 in (740 mm)	29.13 in (740 mm)
<b>Cable Length</b>	6.5 ft (2 m)	6.5 ft (2 m)	6.5 ft (2 m)

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

## Type of cable

RTS  
120V / 60Hz  
3 conductor cable



## LT60 Standard

660R2 1162036  
680R2 1164034  
6100R2 1166038



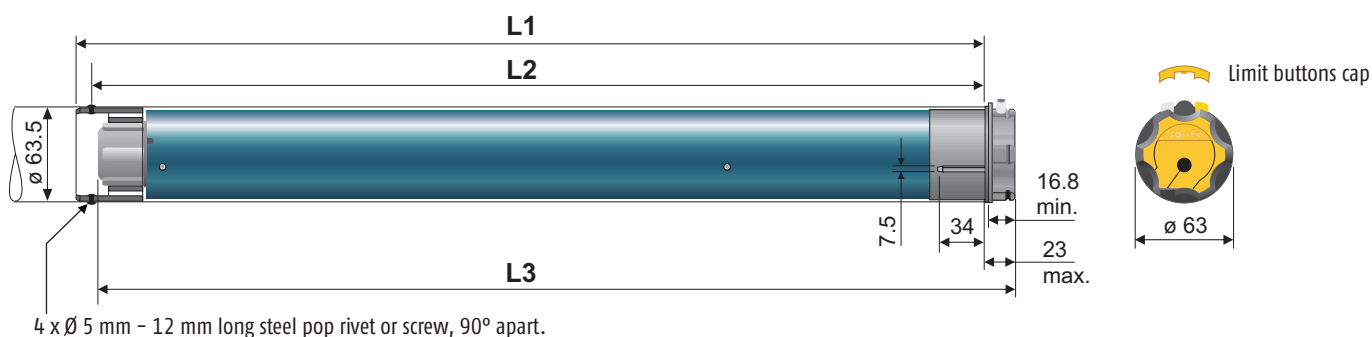
Offers control via power switching.



## Technical features

<b>Voltage Supply</b>	120V AC 60Hz
<b>Index Protection Rating</b>	IP 44
<b>Limit Switch Type</b>	Rapid Adjustment RA
<b>Limit Switch Capacity</b>	35 Turns

<b>Temperature Working Range</b>	14°F to 104°F (-10°C to 40°C)
<b>Insulation Class</b>	Class 1 for 120V
<b>Wiring</b>	Do not wire two or more LT motors in parallel.



## Performances

	660R2	680R2	6100R2
<b>Torque (in. lbs.)</b>	60 Nm (530 in. lbs.)	80 Nm (700 in. lbs.)	100 Nm (880 in. lbs.)
<b>Nominal Voltage</b>	120V/60Hz	120V/60Hz	120V/60Hz
<b>Rated Current</b>	2.5A	3.4A	3.8A
<b>Speed</b>	14 rpm	14 rpm	14 rpm
<b>Thermal Protection</b>	5 minutes	5 minutes	5 minutes
<b>Sound Level</b>	≤ 63 dBA	≤ 65 dBA	≤ 67 dBA

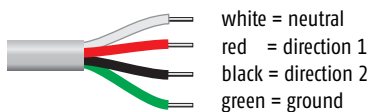
## Dimensions

	660R2	680R2	6100R2
<b>L1</b>	25.94 in (659 mm)	25.94 in (659 mm)	25.94 in (659 mm)
<b>L2</b>	25.27 in (642 mm)	25.27 in (642 mm)	25.27 in (642 mm)
<b>L3</b>	26.18 in (665 mm)	26.18 in (665 mm)	26.18 in (665 mm)
<b>Cable Length</b>	6.5 ft (2 m)	6.5 ft (2 m)	6.5 ft (2 m)

Optional cables available in 6 ft, 12 ft and 24 ft.

## Type of cable

**Wired**  
**120V / 60Hz**  
**4 conductor cable**





## LT60 CMO Standard



660R2 CMO	1162014
680R2 CMO	1164013
6100R2 CMO	1166016

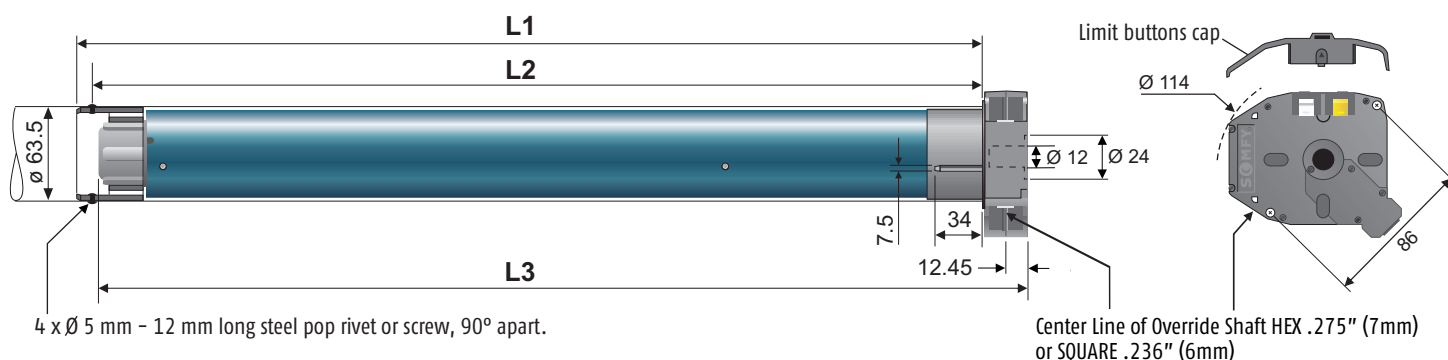
Offers control via power switching.



## Technical features

<b>Voltage Supply</b>	120V AC 60Hz
<b>Index Protection Rating</b>	IP 44
<b>Limit Switch Type</b>	Rapid Adjustment RA
<b>Limit Switch Capacity</b>	34 Turns

<b>Temperature Working Range</b>	14°F to 104°F (-10°C to 40°C)
<b>Insulation Class</b>	Class 1 for 120V
<b>Wiring</b>	Do not wire two or more LT motors in parallel.
<b>Gear Ratio for Manual Override</b>	1:55



## Performances

	660R2	680R2	6100R2
<b>Torque (in. lbs.)</b>	60 Nm (530 in. lbs.)	80 Nm (700 in. lbs.)	100 Nm (880 in. lbs.)
<b>Nominal Voltage</b>	120V/60Hz	120V/60Hz	120V/60Hz
<b>Rated Current</b>	2.5A	3.4A	3.8A
<b>Speed</b>	14 rpm	14 rpm	14 rpm
<b>Thermal Protection</b>	5 minutes	5 minutes	5 minutes
<b>Sound Level</b>	≤ 63 dBA	≤ 65 dBA	≤ 67 dBA

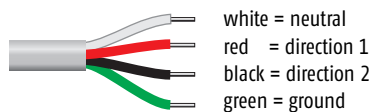
## Dimensions

	660R2	680R2	6100R2
<b>L1</b>	25.43 in (646 mm)	26.81 in (681 mm)	26.81 in (681 mm)
<b>L2</b>	24.80 in (630 mm)	26.18 in (665 mm)	26.18 in (665 mm)
<b>L3</b>	25.79 in (655 mm)	27.16 in (690 mm)	27.16 in (690 mm)
<b>Cable Length</b>	6.5 ft (2 m)	6.5 ft (2 m)	6.5 ft (2 m)

Optional cables available in 6 ft, 12 ft and 24 ft.

## Type of cable

**Wired**  
120V / 60Hz  
4 conductor cable



# CONTROL ACCESSORIES

## RADIO TECHNOLOGY SOMFY® (RTS)

### TELIS COLLECTION



Telis 1 RTS Lounge  
Single Channel Remote  
1810650



Telis 4 RTS Lounge  
Five Channel Remote  
1810652



Telis 1 RTS Silver  
Single Channel Remote  
1810639



Telis 4 RTS Silver  
Five Channel Remote  
1810641



Telis 1 RTS Pure  
Single Channel Remote  
1810632



Telis 4 RTS Pure  
Five Channel Remote  
1810633



Telis 1 Soliris  
RTS Pure  
1810635



Telis 1 RTS Patio  
Single Channel Remote  
1810643



Telis 4 RTS Patio  
Five Channel Remote  
1810645



Telis 1 Soliris  
RTS Patio  
1810647



Telis 4 Soliris  
RTS Patio  
1811243



Telis 1 Modulus RTS  
Pure with  
Scroll Wheel  
1811234\*



Telis 4 Modulus RTS  
Pure with  
Scroll Wheel  
1811235\*



Telis 16 Channel RTS  
Pure Remote with  
On-screen display  
1811081



Telis 16 Channel RTS  
Silver Remote with  
On-screen display  
1811082

### DECOFLEX WIREFREE™ WALL SWITCHES & TABLE TOP ACCESSORIES



DecoFlex 1  
Channel RTS  
Wireless Wall Switch



DecoFlex 2  
Channel RTS  
Wireless Wall Switch



DecoFlex 3  
Channel RTS  
Wireless Wall Switch



DecoFlex 4  
Channel RTS  
Wireless Wall Switch



DecoFlex 5  
Channel RTS  
Wireless Wall Switch



DecoFlex Tabletop RTS  
Accessory Black  
1811051\*\*



DecoFlex Tabletop RTS  
Accessory Silver  
1810972\*\*



DecoFlex Tabletop RTS  
Accessory White  
1811185\*\*

Wall Switches shown in white. Also available in black, ivory, and almond finishes. Shown above assembled with printed channel buttons.



black



ivory



almond

\*\*DecoFlex Switch sold separately from Table Top Accessory

\*Scroll wheel can only be used in conjunction with the Multi-link.

# CONTROL ACCESSORIES

## RADIO TECHNOLOGY SOMFY® (RTS)

### RTS REPEATER



RTS Repeater  
1810791

### OUTDOOR RECEIVER



Outdoor Lighting Receiver  
1810875  
Universal RTS Receiver  
1810627

### INDOOR RECEIVER



Multi-Link 110V AC  
Snap Track Interface Control  
99 Channel  
1822184

### DRY CONTACT INTERFACE



RTS Dry Contact Interface  
Single Channel  
1810493



### 16 CHANNEL INTERFACE



Universal RTS Interface 16-Channel  
(Converts IR, RS232, RS485 to RTS)  
1810872

### CHRONIS TIMER



Chronis Comfort  
Single Channel Timer  
1805176\*

### SUNIS & THERMO SUNIS INDOOR SENSORS



Sunis Indoor  
WireFree™ RTS  
9013707



Thermo Sunis Indoor  
WireFree™ RTS  
9013708

### SUNIS OUTDOOR SENSOR



Sunis WireFree™ RTS  
Outdoor Sun Sensor  
9013075\*

### EOLIS 3D SENSOR



Eolis 3D WireFree™ RTS  
Wind Sensor 24V  
1816081

### EOLIS SENSOR



Eolis RTS Wind  
Sensor 24V  
9012499

### SOLIRIS SENSOR



Soliris RTS Sun-Wind  
Sensor 24V  
9012500

### ZRTSI



Z-Wave® to  
Radio Technology Somfy® Interface  
1811265

## TaHoma® SOMFY'S TOTAL HOME AUTOMATION SOLUTION

The entire 600 series range works seamlessly with TaHoma® - Somfy's total home automation solution. Using Z-Wave®, an interoperable, 2-way RF mesh networking technology, TaHoma enables users to control, schedule, and monitor their Somfy motorized products, lights, and thermostats.

Use the Z-Wave to RTS Interface (ZRTSI) to translate TaHoma's Z-Wave commands for LT60 RTS motors.



TaHoma®

For more information about TaHoma® please visit [www.somfytahoma.com](http://www.somfytahoma.com).

# CONTROL ACCESSORIES

## WIRED AC CONTROLS & SWITCHES

### DECORATOR TOGGLE SWITCHES (single pole, double throw) & SWITCHPLATES



Maintained Toggle Switch  
(White)  
1800381



Maintained Toggle Switch  
(Ivory)  
1800380



Momentary Toggle Switch  
(White)  
1800383



Momentary Toggle Switch  
(Ivory)  
1800382



Standard Metal Toggle Switchplate  
(White)  
9011954



Standard Metal Toggle Switchplate  
(Ivory)  
9011953



Plastic Toggle Switchplate  
(White)  
9011963



Plastic Toggle Switchplate  
(Ivory)  
9011962

### DECORATOR PADDLE SWITCHES & SWITCHPLATES



Maintained Paddle Switch  
(White)  
1800374



Maintained Paddle Switch  
(Ivory)  
1800373



Momentary Paddle Switch  
(White)  
1800378



Momentary Paddle Switch  
(Ivory)  
1800377



Maintained Double Pole,  
Double Throw Paddle Switch  
(White)  
1800375



Maintained Double Pole,  
Double Throw Paddle Switch  
(Ivory)  
1800376



Single Gang Paddle Switchplate  
(White)  
9011967



Single Gang Paddle Switchplate  
(Ivory)  
9011966

# CONTROL ACCESSORIES

## WIRED AC CONTROLS & SWITCHES

### GROUP CONTROL SYSTEM II (GCS II)

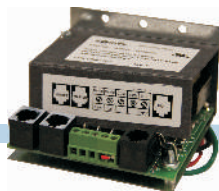


Group Control System II  
(GCS II)  
1810476

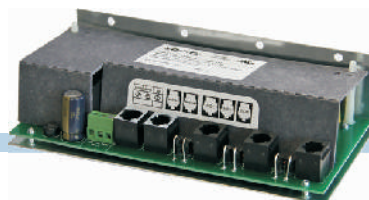


GCS II RTS Radio Receiver  
1810854

### STANDARD INDIVIDUAL GROUP CONTROL (IGC) (110V AC)



IGC (Single Motor)  
1810522



IGC 3N1 (3 Motors)  
1810523

### INDIVIDUAL GROUP CONTROL II (IGC II) (110V AC)



IGC II (Single Motor)  
1810535



IGC II 3N1 (3 Motors)  
1810536

### IGC AND IGC II OPTIONS (110V AC)



IGC II Gang Electric Box  
3.5" Deep  
9013166



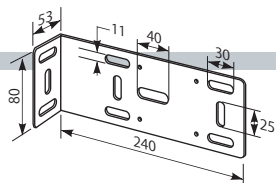
IGC RTS Radio Receiver  
1810481



# 600 SERIES MECHANICAL ACCESSORIES

## 600 SERIES MOTOR BRACKETS

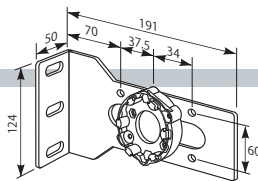
### Heavy Duty Angle Plate



- For ceiling and wall installation in combination with # 9012263
- Black oxide finish
- Compatible with brackets # 9012263, 9701310 and 9132065
- Maximum motor torque - 100 Nm
- Maximum system load - See note below

**Part # 9701091**

### Heavy Duty Angle Plate with Universal Motor Bracket



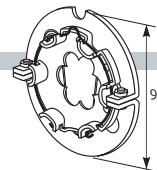
- With two M8 screws and nuts included
- Angle plate (zinc plated steel)
- Three adjustment positions possible
- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring # 9910002
- Maximum system load - 130 Kg. (287 Lbs.) or 200 Kg. (441 Lbs.) with locking spring ring # 9910002

**Part # 9420602**

### Heavy Duty Angle Plate - Part # 9420604

- Same as above but without the universal motor bracket

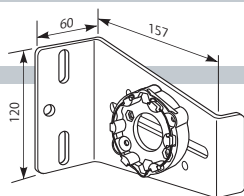
### LT50/60 Radial Motor Bracket



- Maximum motor torque 80 Nm
- Zinc plated steel
- Allows for easy removal of LT motor without removing entire bracket. It disassembles in 2 pieces with one part remaining attached to structure
- Maximum system load - See note below

**Part # 9420620**

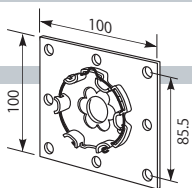
### Motor Bracket LT60 FTS



- Zinc plated steel, gauge 3 (0.24 in.)
- For use with LT FTS 60
- Maximum motor torque - 100 Nm
- Includes universal bracket with spring ring
- Maximum system load - 200 kg. (441 Lbs.)
- Must use locking spring ring # 9910002 to obtain full torque and load capability.
- Compatible with idler bracket # 9430603 and intermediate bracket # 9420763

**Part # 9430601**

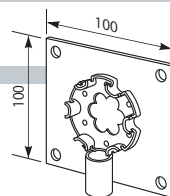
### Motor Bracket With Spring Ring (100 mm x 100 mm)



- Four mounting holes provided with a through hole in the center of the bracket
- Zinc plated steel
- Lateral space requirement for installation: 28 mm
- Maximum motor torque - 85 Nm
- Maximum system load - See note below

**Part # 9763508**

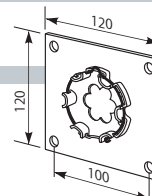
### LT50/60 Motor Bracket with 1/2" Conduit Connector



- Four mounting holes provided
- Lateral space requirement: 28 mm
- Zinc plated steel
- Must be used with either spring ring # 9206033, or locking spring ring # 9910002 (not included)
- Maximum motor torque - 85 Nm or 100 Nm when locking spring ring # 9910002 is used.

**Part # 9012262**

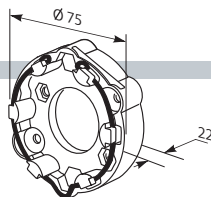
### Motor Bracket With Spring Ring (120 mm x 120 mm)



- Four mounting holes provided
- Zinc plated steel
- Lateral space requirement for installation: 28 mm
- Maximum motor torque - 85 Nm
- Maximum system load - See note below

**Part # 9763503**

### Universal Bracket with Spring Ring



Spring ring needs to be replaced with locking spring ring # 9910002 to obtain maximum torque and load capability

- Assembled to accept Inch Series threaded screws 1/4 - 20, 5/16 - 18 (nuts molded into bracket)

**Part # 9910021**

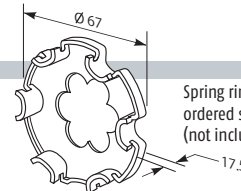
### Universal Bracket with Spring Ring - Zamak Aluminum Alloy Material

- 2 holes for M6 hex or 1/4 - 20 flat head screw on 48 mm diameter
- 2 holes for M8 hex screw on 60 mm diameter
- 2 countersunk holes for M8 screw on 60 mm diameter
- Lateral space requirement for installation: 27 mm
- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring # 9910002, and 5/16 - 18 or M8 bolts without molded nuts
- Maximum system load - 200 Kg. (441 Lbs.) when used with locking spring ring # 9910002

**Part # 9420631**

**With M8 and M6 nuts molded in bracket** - Same as above **Part # 9910001**

### Weld-on Bracket Without Spring Ring



Spring ring must be ordered separately (not included)

- Steel bracket without surface treatment
- For welding to mounting plates of all kinds. Lateral space requirement for installation: 23 mm + thickness of mounting plate
- Must be used with spring ring # 9206033 or locking spring ring # 9910002 (not included)
- Maximum motor torque - 85 Nm or 100 Nm depending on spring ring and quality of weld
- Maximum system load - 200 Kg. (441 Lbs.) when used with locking spring ring # 9910002

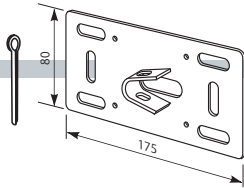
**Part # 9206029**

**\*Note:** Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.

# 600 SERIES MECHANICAL ACCESSORIES

## 600 SERIES IDLER BRACKETS

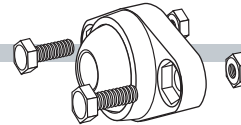
### Heavy Duty Idler Bracket\*



- Used with end cap having stationary 16 mm diameter shaft
- Cotter pin holding end cap's shaft included
- Zinc plated steel
- Maximum motor torque - 100 Nm

**Part # 9132065**

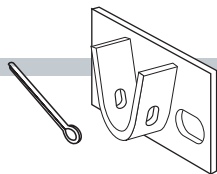
### Idler End 12 mm Nylon Ball Bearing with Holder



- Cast aluminum
- Compatible with bracket # 9420604
- Maximum motor torque:
  - FTS range - 25 Nm
  - LT range - 100 Nm
- Maximum system load - 130 Kg. (287 Lbs.)

**Part # 9430610**

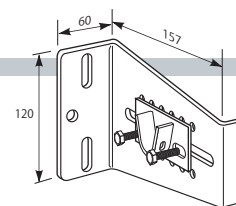
### Idler End Cap Holder and Cotter Pin



- Zinc plated steel
- Compatible with bracket # 9420604
- Used with end cap having stationary 16 mm diameter shaft
- Maximum motor torque when properly installed with cotter pin:
  - FTS range - 55 Nm
  - LT range - 100 Nm
- Maximum system load - 200 Kg. (441 Lbs.)
- Open end of the "U" must face up
- Cotter pin 6.3mm x 80mm (zinc plated) # 132444A

**Part # 9540786**

### Heavy Duty Idler Bracket with Idler End Cap Holder



- Two screws and cotter pin included
- Zinc plated steel, gauge 3 (0.2391 in.)
- Used with end cap having stationary 16 mm diameter shaft
- Maximum motor torque when properly installed with cotter pin:
  - FTS range - 55 Nm
  - LT range - 100 Nm
- Maximum system load - 200 Kg. (441 Lbs.)

**Part # 9430603**

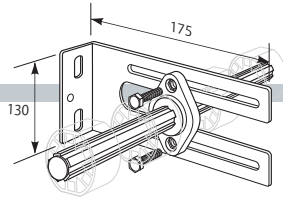


\*Note: Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.

# 600 SERIES MECHANICAL ACCESSORIES

## 600 SERIES INTERMEDIATE BRACKET

### Heavy Duty LT Intermediate Support Bracket\*



- Will adapt to any tube profile using tube matching LT drives
- The 4 drives are not included and must be specified separately
- Maximum motor torque:  
FTS range - 55 Nm, LT range - 100 Nm
- Heavy gauge 3 (0.24 in.), zinc plated steel
- Extruded aluminum shaft with heavy duty roller bearing

**Part # 9420673**

## 600 SERIES END CAPS

### 2.5" Tube Idler End Cap without Shaft



NOTE: Set screw must use lock-tight to prevent screw from vibrating free.

- Cast aluminum with set screw

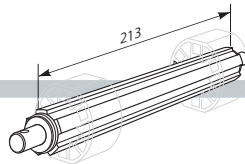
**Part # 9129632**

### 2.75" Tube Idler End Cap without Shaft

- Cast aluminum with set screw

**Part # 9129633**

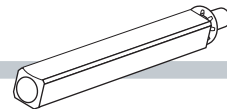
### Heavy Duty End Cap with 16 mm Diameter Shaft



- Adaptable to any tube profile using matching LT drives
- To be used with Idler bracket accepting stationary shaft # 9430643
- Extruded aluminum shaft with heavy duty ball bearings
- Maximum motor torque:  
- FTS range - 55 Nm  
- LT range - 100 Nm
- Maximum system load - 200 Kg. (441 Lbs.)

**Part # 9420674**

### 13 mm Square Drive Shaft with 12 mm Diameter Shaft



- Zinc plated steel shaft

**Part # 1781009**

### 13 mm Square Drive Shaft with 14 mm Diameter Shaft

- Zinc plated steel shaft

**Part # 1781011**



\*Note: Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.

# 600 SERIES MECHANICAL ACCESSORIES

## 600 SERIES MISCELLANEOUS

### Spring Ring with Loop



- Used with Brackets and Motors rated up to 80 Nm maximum
- Allows for easy hand removal from the bracket
- Spring type stainless steel

**Part # 9685025**

### Spring Ring



- Used with Brackets and Motors rated up to 80 Nm maximum
- Stainless steel spring type

**Part # 9206033**

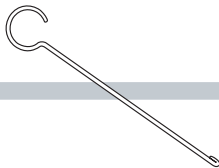
### Locking Spring Ring



- Must be used with all brackets in combination with the 6100R2 motor or installations where flexing of the tube is abnormally high
- Used with brackets and motors rated up to 100 Nm
- Spring type stainless steel
- Locking screw must be secured to prevent motor from disengaging from the universal bracket

**Part # 9910002**

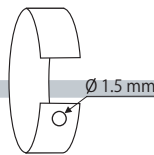
### Pull-off Tool for Spring Ring



- Black finished steel

**Part # 9206015**

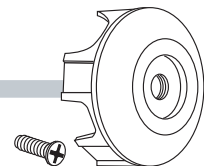
### Fabric Fastening Clip



- for 2.5" (63 mm) O.D. Tube

**Part # 9012201**

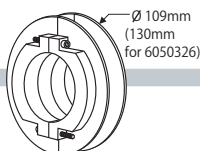
### LT60 Stop Wheel



- Screws into the motor output shaft to prevent drive from coming off shaft
- Black composite stop

**Part # 9012194**

### 63 x 1.5 mm Tube Cord Take-up Reel



- Material - Cast aluminum alloy
- Shipped unassembled in 4 pieces
- Adjustable tape width

**Part # 9146071**

### Tester Cable - 4 Wire



- Allows easy setting of the LT motor limit switches before connecting the motor to the controlling device

**Part # 9012116**

### FTS Tester Cable - 5 Wire

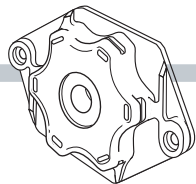
- Same as above, but for the FTS (Fabric Tension System)

**Part # 9012117**

# 600 SERIES MECHANICAL ACCESSORIES

## CMO MECHANICAL ACCESSORIES

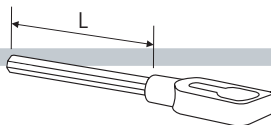
### CMO Motor Bracket



- Converts a CMO motor head to be compatible with standard LT brackets
- Allows the motor to be rotated in 60° increments
- Delivered with two motor mounting screws
- Black composite
- Maximum motor torque - 80 Nm
- Maximum system load - See note below

**Part # 9910051**

### CMO Awning Eye with 2.36" (60 mm) Long 7 mm Hex Shaft



**Part # 9016332**

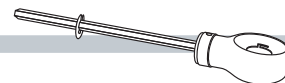
### CMO Awning Eye with 6.5" (165 mm) Long 7 mm Hex Shaft

**Part # 9685136**

### CMO Awning Eye with 4" (100 mm) Long 7 mm Hex Shaft

**Part # 9685148**

### LT CMO Awning Eye Compatible with Geiger Crank Handles



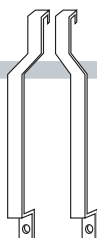
- Length of the shaft is (100 mm) 4"
- Stainless steel pin for eyepiece mounting to 7 mm Hex shaft
- Stainless steel stop washer & socket head screw (also sold separately)
- Zinc plated steel shaft

**Part # 9707287**

- Stainless steel M4 socket head screw

**Part # 40001040**

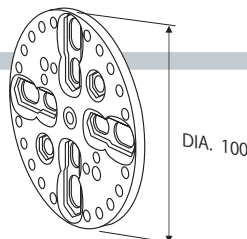
### CMO Motor Limit Setting Tool



- Allows setting the travel limits of the motor when the limit switch buttons are hard to access
- Zinc plated steel

**Part # 9910019**

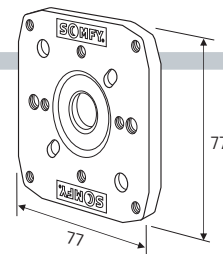
### CMO Round Awning Motor Bracket



- U.S. thread 1/4 - 20, 5/16 - 18 threads
- Delivered without motor mounting screws
- Black finished aluminum alloy
- Maximum motor torque - 100 Nm (must be used with 5/16 - 18 bolts at maximum torque)
- Maximum system load - See note below

**Part # 9420648**

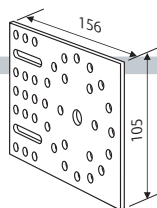
### CMO ME Square Awning Motor Bracket



- U.S. thread 1/4 - 20, 5/16 - 18 threads
- Delivered with two motor mounting screws (3/16" Socket Head)
- Black finished aluminum alloy
- Maximum motor torque - 100 Nm (must be used with 5/16 - 18 bolts at max. torque)
- Maximum system load - See note below

**Part # 9910041**

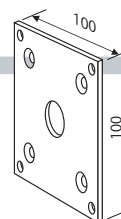
### Standard LT and LT CMO Motor Mounting Plate



- Allows for different orientation of the LT CMO motor head in 15 increments
- Zinc plated steel
- Maximum motor torque - 100 Nm
- Maximum system load - See note below

**Part # 9012293**

### CMO 100 x 100 mm LT Motor Mounting Bracket



- Fits most shutter end caps
- Allows for easy replacement of the BMOM/ BMO motor utilizing existing mounting holes
- Zinc plated steel
- Maximum motor torque - 100 Nm
- Maximum system load - See note below

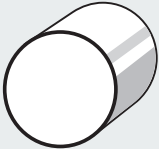
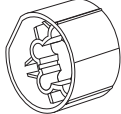
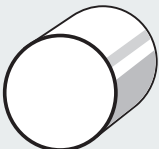
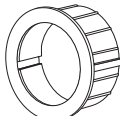
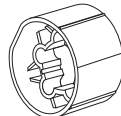

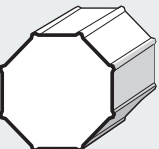
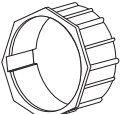
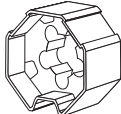
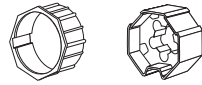
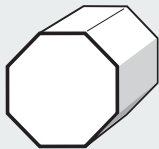
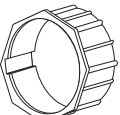
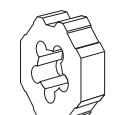

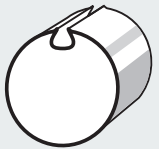

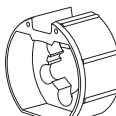
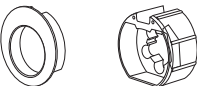
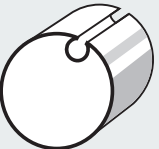
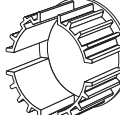
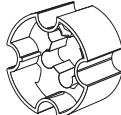
**Part # 9708549**

**\*Note:** Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.



# 600 SERIES MECHANICAL ACCESSORIES

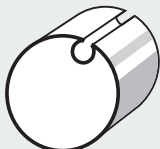
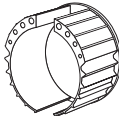
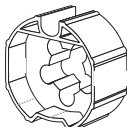
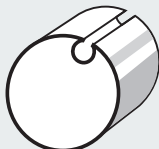
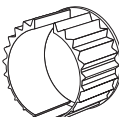
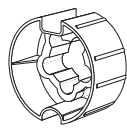
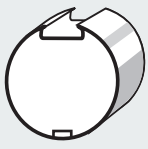
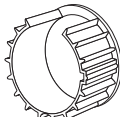
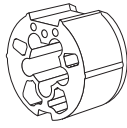
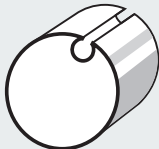
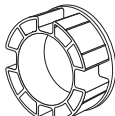
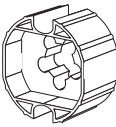
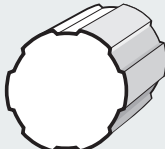
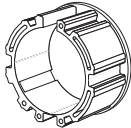
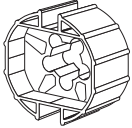
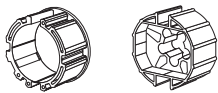
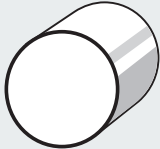

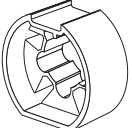

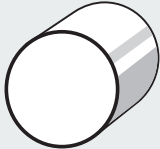



## CROWNS AND DRIVES

TUBE PROFILE	CROWN	DRIVE	SET
 <p>ø 2.5 in. / 63mm</p>	<p>No crown is required</p>	 <p>2.5" Round LT Drive (63 mm x 1.5 mm) – Soft clip <b>Part # 9206041</b> 2.5" Round LT Drive (63 mm x 1.5 mm) – Hard clip <b>Part # 9206019</b></p>	
 <p>ø 2.75 in. / 70mm</p>	 <p>2.75" Round LT60 Crown <b>Part # 9420342</b></p>	 <p>2.75" Round LT Drive (70 mm x 1.5 mm) – Soft clip <b>Part # 9206026</b> 2.75" Round LT Drive (70 mm x 1.5 mm) – Hard clip <b>Part # 9206028</b></p>	 <p>2.75" Round LT60 Set <b>Part # 9012246</b></p>
 <p>ø 70mm Octagonal IMBAC</p>	 <p>70 mm Octagonal LT60 Crown <b>Part # 9705340</b></p>	 <p>70 mm Octagonal LT Drive <b>Part # 9761002</b></p>	 <p>70 mm Octagonal LT60 Set <b>Part # 9012247</b></p>
 <p>ø 70mm Octagonal IMBAC</p>	 <p>70 mm Octagonal LT60 Crown <b>Part # 9705340</b></p>	 <p>70 mm Octagonal Aluminum LT50/60 Drive <b>Part # 9011878</b></p>	 <p>70 mm Octagonal Aluminum LT50/60 Drive Wheel Kit (crown not included) <b>Part # 9012227</b></p>
 <p>ø 72mm PERMA</p>	 <p>P72 LT60 Crown (4 mm offset) <b>Part # 9277167</b></p>	 <p>P72 LT Drive (4 mm offset) <b>Part # 9761011</b></p>	 <p>P72 LT60 Set (4 mm offset) <b>Part # 9012235</b></p>
 <p>ø 78mm IMBAC</p>	 <p>DS 78 LT60 Crown <b>Part # 9705341</b></p>	 <p>DS 78 LT50/60 Drive <b>Part # 9761001</b></p>	

\*Note: Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.

# 600 SERIES MECHANICAL ACCESSORIES

## CROWNS AND DRIVES

TUBE PROFILE	CROWN	DRIVE	SET
 ø 78mm MITSAVILA	 DS 78/R LT60 Crown (4.4 mm offset) <b>Part # 9707640</b>	 DS 78/R LT Drive (4.4 mm offset) <b>Part # 9761005</b>	
 ø 78mm IMBAC	 DS 78/D LT60 Crown (2.5 mm offset) <b>Part # 9707639</b>	 DS 78/D LT Drive (2.5 mm offset) <b>Part # 9761004</b>	
 ø 78mm MHZ	 LT60 Crown (78 mm) <b>Part # 9762012</b>	 LT60 Drive (78 mm) <b>Part # 9761012</b>	
 ø 85mm DOHNER	 DS 85 LT60 Crown <b>Part # 9705776</b>	 DS 85 LT Drive <b>Part # 9761003</b>	
 ø 85mm IMBAC	 I85 LT60 Crown <b>Part # 9690085</b>	 I85 LT Drive <b>Part # 9420300</b>	 I85 LT60 Set <b>Part # 9012222</b>
 ø 3.5"/89mm	 3.5" Round LT60 Crown (89mm x 2mm) <b>Part # 9520312</b>	 3.5" Round LT Drive (89 mm x 2 mm) <b>Part # 9420303</b>	 3.5" Round LT60 Set <b>Part # 9012248</b>
 ø 4"/102mm	 4.0" Round LT60 Crown <b>Part # 9420370</b>	 4.0" Round LT Drive (102 mm x 2 mm) <b>Part # 9420304</b> 4.0" Round LT Drive (101.6 mm x 3.6 mm) <b>Part # 9420309</b>	 4.0" Round LT60 Set <b>Part # 9012221</b>

\*Note: Maximum system load will vary depending on application. SOMFY recommends testing of component in actual application to determine its suitability.

# 600 SERIES MECHANICAL ACCESSORIES

## 600 SERIES STANDARD AND CMO PRODUCT KITS

### U.S. 3/4 Inch SS Hardware Kit

1/4 - 20 x 3/4 hex head SS 18-8 bolt  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8

Qty. in package - 2 each

**Part # 9012297**

### U.S. 1 Inch SS Hardware Kit

1/4 - 20 x 1 hex head SS 18-8 bolt  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8

Qty. in package - 2 each

**Part # 9012298**

### U.S. 1.25 Inch SS Hardware Kit

1/4 - 20 x 1.25 hex head SS 18-8 bolt  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8

Qty. in package - 2 each

**Part # 9012299**

### Metric 20 mm SS Hardware Kit

M6 x 20 mm hex head cap screw SS  
Lock washer split M6 SS A2  
M6 flat washer SS A2

Qty. in package - 2 each

**Part # 9012300**

### Metric 25 mm SS Hardware Kit

M6 x 25 mm hex head cap screw SS  
Lock washer split M6 SS A2  
M6 flat washer SS A2

Qty. in package - 2 each

**Part # 9012301**

### Metric 30 mm SS Hardware Kit

M6 x 30 mm hex head cap screw SS  
Lock washer split M6 SS A2  
M6 flat washer SS A2

Qty. in package - 2 each

**Part # 9012302**

### CMO Round Awning Override Kit

1/4 - 20 x 1.25 hex head SS 18-8 bolt  
1/4 - 20 x 7/8 socket head cap screw  
Nut hex 1/4 - 20 SS 18-8  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8  
CMO awning bracket with US thread  
CMO awning override short shaft  
Plastic bag 5 x 6 x .04

Qty. in package - 2 each

**Part # 9012348**

### CMO ME Square Awning Override Kit

1/4 - 20 x 3/4 hex head SS 18-8 bolt  
1/4 - 20 x 1.25 hex head SS 18-8 bolt  
Nut hex 1/4 - 20 SS 18-8  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8  
CMO awning bracket with ME US thread  
CMO awning override short shaft  
Plastic bag 5 x 6 x .04

Qty. in package - 2 each

**Part # 9012349**

### CMO Awning Kit without Awning Eye

1/4 - 20 x 1.25 hex head SS 18-8 bolt  
1/4 - 20 x 7/8 socket head cap screw  
Nut hex 1/4 - 20 SS 18-8  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8  
CMO awning bracket with US thread  
Plastic bag 5 x 6 x .04

Qty. in package - 2 each

**Part # 9012362**

### CMO ME Awning Kit without Awning Eye

1/4 - 20 x 3/4 hex head SS 18-8 bolt  
1/4 - 20 x 1.25 hex head SS 18-8 bolt  
Nut hex 1/4 - 20 SS 18-8  
1/4 flat washer SS 18-8  
1/4 split lock washer SS 18-8  
CMO ME awning bracket with US thread  
Plastic bag 5 x 6 x .04

Qty. in package - 2 each

**Part # 9012363**

# NOTES

# NOTES



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