



600 Series Databook

LT60



HOME MOTION by
somfy®

Somfy is the leading global manufacturer of strong, intelligent, quiet motors and electronic controls for interior and exterior window coverings with more than 110 million motors produced since 1980. For more than four decades, Somfy engineers have designed products for both the commercial and residential markets to motorize window coverings such as interior shades, wood blinds, draperies, awnings, rolling shutters, exterior solar screens and projection screens. Somfy motorization systems are easily integrated with security, HVAC and lighting systems providing total home or building automation.



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 70,000 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 60 countries, with 76 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.



EXPERT

somfy®

Somfy understands that training and support are critical to success. Somfy's Expert 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 to learn more and sign up for training.

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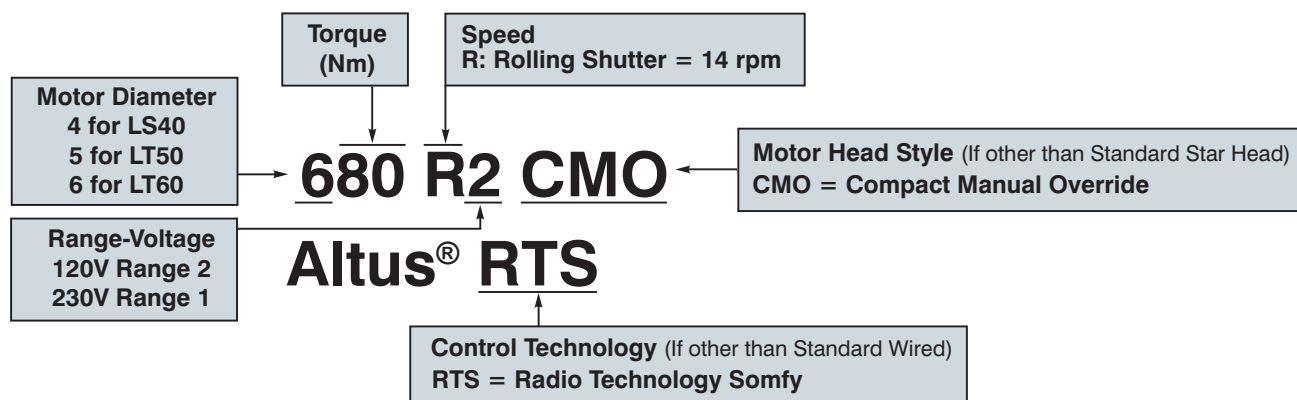
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Somfy's 60 mm Motor Range

Motor Identification Key



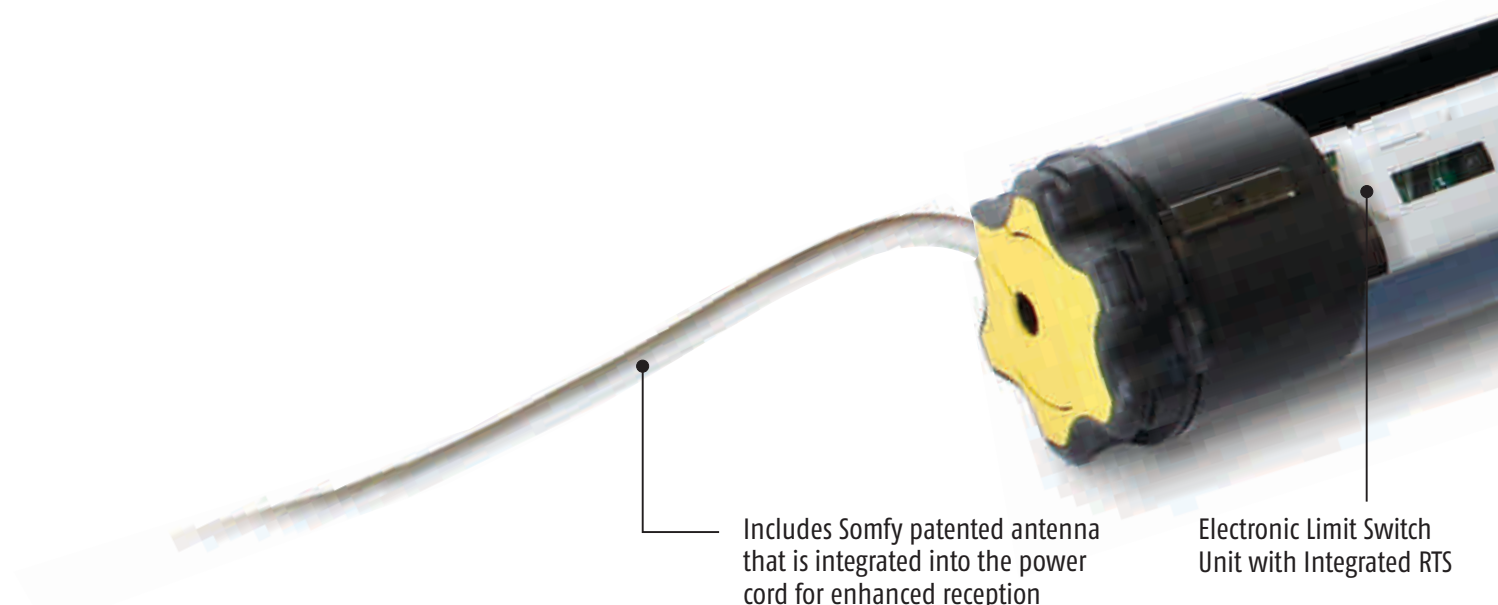
Somfy Technologies



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

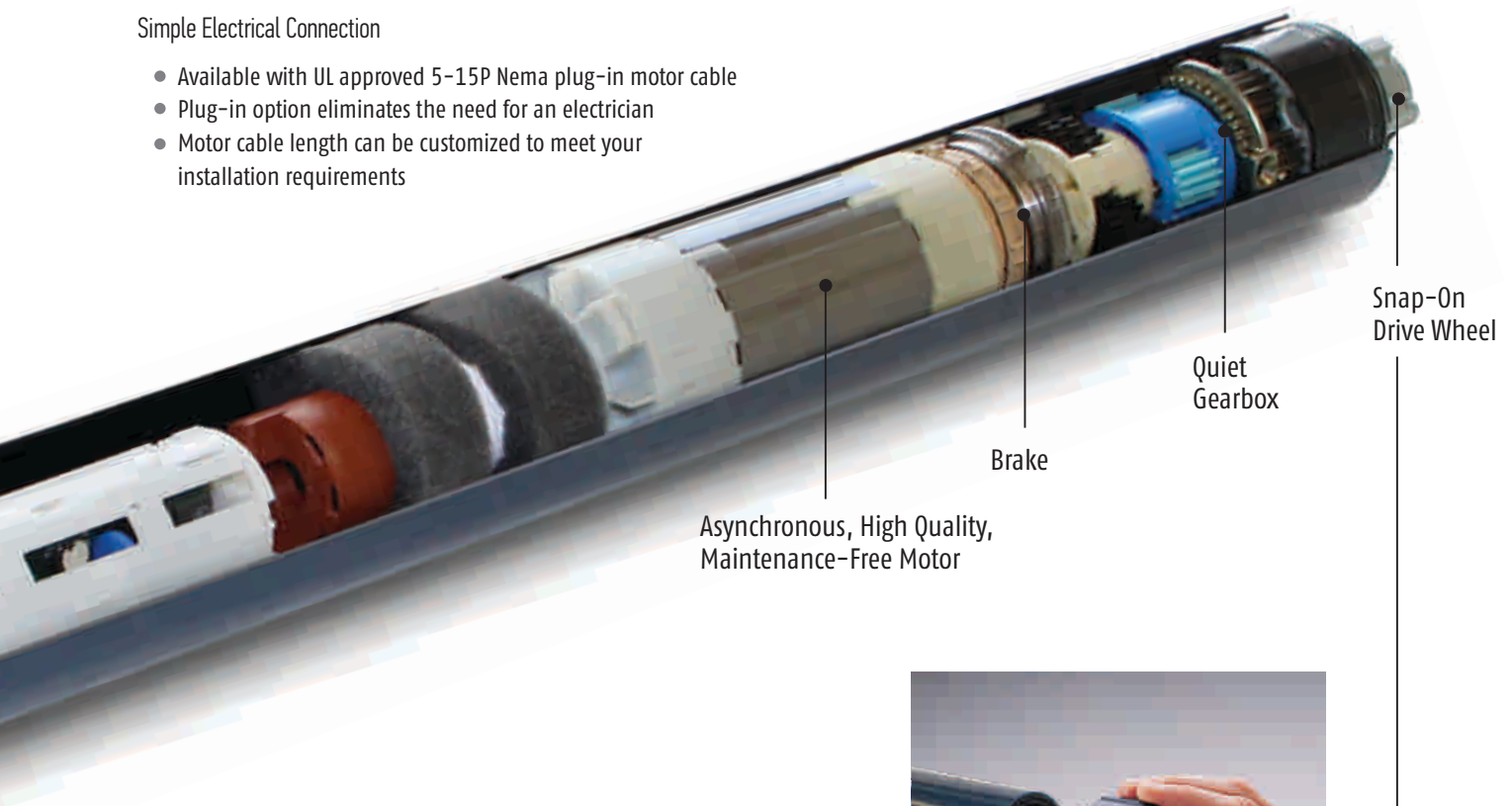
- Available with UL approved 5-15P Nema plug-in motor cable
- Plug-in option eliminates the need for an electrician
- Motor cable length can be customized to meet your installation requirements

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

LT60 Altus RTS



660R2	1162213
680R2	1164132
6100R2	1166142

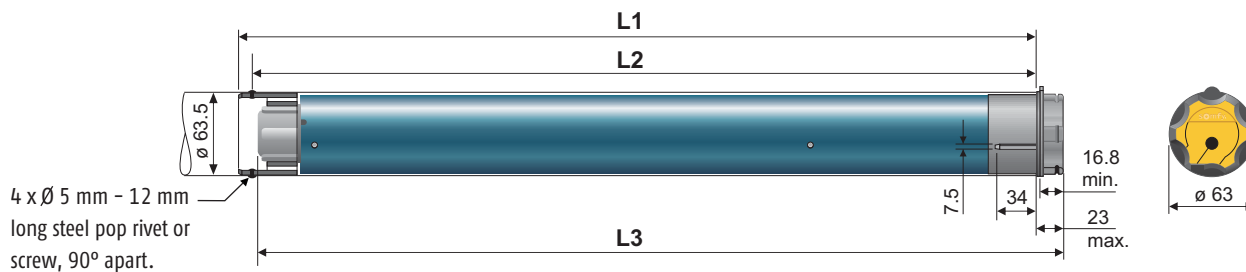


Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

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

Dimensions



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

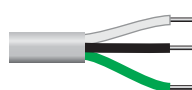
Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.

Specifications

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

Type of power cable

RTS
120V AC / 60Hz
3 conductor cable



white = neutral
black = hot
green = ground



660R2 1162036
680R2 1164034
6100R2 1166038

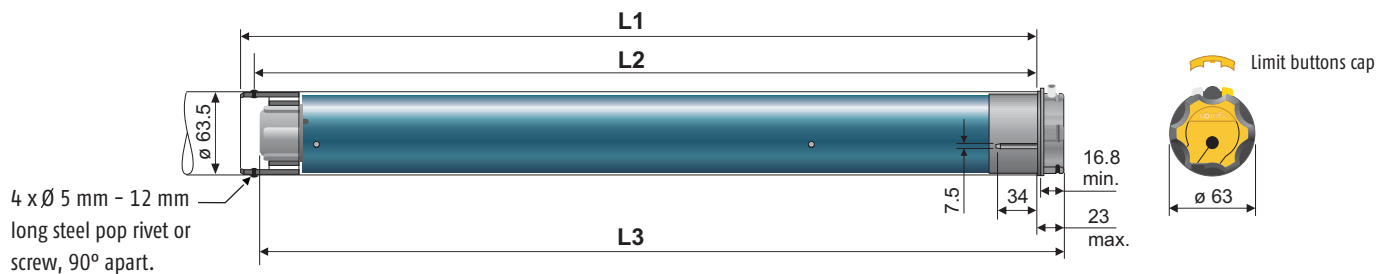


Offers control via power switching.

Technical Features

Voltage Supply	120V AC, 60Hz	Temperature Working Range	14°F to 104°F (-10°C to 40°C)
Index Protection Rating	IP 44	Insulation Class	Class 1 for 120V AC
Limit Switch Type	Rapid Adjustment RA	Wiring	Do not wire two or more LT motors in parallel.
Limit Switch Capacity	35 Turns		

Dimensions



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

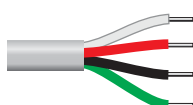
Optional cables available in 6 ft, 12 ft and 24 ft.

Specifications

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

Type of power cable

Wired
120V AC / 60Hz
4 conductor cable



white = neutral
red = direction 1
black = direction 2
green = ground

LT60 CMO Standard



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

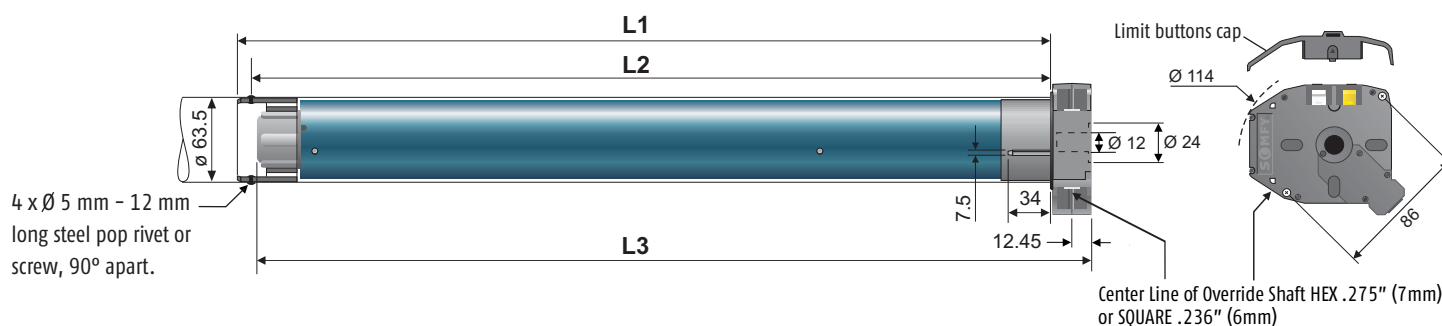


Offers control via power switching.

Technical Features

Voltage Supply	120V AC, 60Hz	Temperature Working Range	14°F to 104°F (-10°C to 40°C)
Index Protection Rating	IP 44	Insulation Class	Class 1 for 120V AC
Limit Switch Type	Rapid Adjustment RA	Wiring	Do not wire two or more LT motors in parallel.
Limit Switch Capacity	34 Turns	Gear Ratio for Manual Override	1:55

Dimensions



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

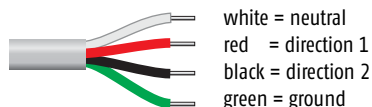
Optional cables available in 6 ft, 12 ft and 24 ft.

Specifications

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

Type of power cable

Wired
120V AC / 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 Modulis
RTS Pure with
Scroll Wheel
1811234



Telis 4 Modulis
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



Telis 1 Chronis RTS
Pure Timer with
On-screen display
1805237



Telis 1 Chronis RTS
Silver Timer with
On-screen display
1805238

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.

NOTE: Custom Engraved buttons are now available.



**DecoFlex Switch sold separately from Table Top Accessory

CONTROL ACCESSORIES

RADIO TECHNOLOGY SOMFY® (RTS)



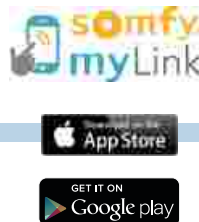
ZRTSI II



Z-Wave® to RTS® Interface 2

1811265

myLink™



WiFi to RTS Interface

Control window coverings, awnings, screens and rolling shutters with a smartphone or tablet. A simple on-screen setup wizard helps users create timed events, scenes and more. Compatible with iOS and Android.

1811403

16 CHANNEL INTERFACE



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

1810872

RTS REPEATER



RTS Repeater

1810791

OUTDOOR RECEIVERS



Outdoor Lighting Receiver

1810875

Universal RTS Receiver

1810627

DRY CONTACT INTERFACE



RTS Dry Contact Interface
Single Channel

1810493

INDOOR RECEIVER



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

1822184

SUNIS & THERMO SUNIS INDOOR SENSORS



Sunis Indoor
WireFree™ RTS

9013707



Thermo Sunis Indoor
WireFree™ RTS

9013708

EOLIS SENSOR



Eolis RTS Wind
Sensor 24V

9012499

SOLIRIS SENSOR



Soliris RTS Sun
and Wind
Sensor 24V

9012500

EOLIS 3D SENSOR



Eolis 3D WireFree™ RTS
Wind Sensor

1816081

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

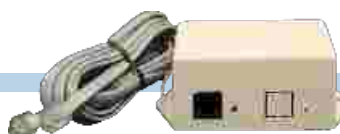


IGC II 3N1 (3 Motors)
1810536

IGC AND IGC II OPTIONS (110V AC)



IGC II Gang Electric Box
3.5" Deep
9013166

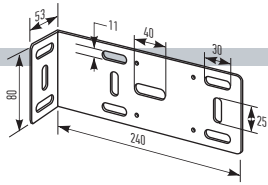


IGC RTS Radio Receiver
1810481

600 SERIES MECHANICAL ACCESSORIES

600 SERIES MOTOR BRACKETS

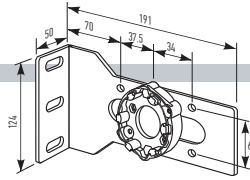
Heavy Duty Angle Plate



- 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



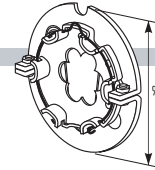
- With two M8 screws and nuts included
- Angle plate (zinc plated steel)
- Three adjustment positions possible
- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring # 9910002
- Maximum system load - 130 Kg. (287 Lbs.) or 200 Kg. (441 Lbs.) with locking spring ring # 9910002

Part # 9420602

Heavy Duty Angle Plate - Part # 9420604

- Same as above but without the universal motor bracket

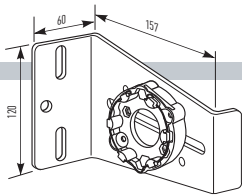
LT50/60 Radial Motor Bracket



- 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

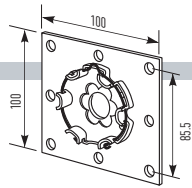
Motor Bracket LT60 FTS



- 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

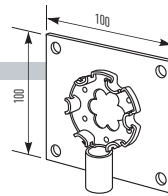
Motor Bracket With Spring Ring (100 mm x 100 mm)



- 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

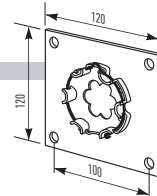
LT50/60 Motor Bracket with 1/2" Conduit Connector



- 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

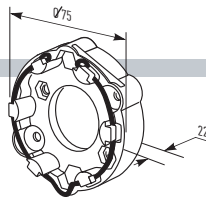
Motor Bracket With Spring Ring (120 mm x 120 mm)



- 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

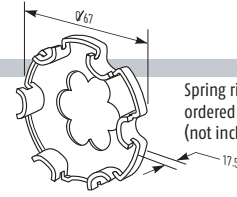
- 2 holes for M6 hex or 1/4 - 20 flat head screw on 48 mm diameter
- 2 holes for M8 hex screw on 60 mm diameter
- 2 countersunk holes for M8 screw on 60 mm diameter
- Lateral space requirement for installation: 27 mm
- Maximum motor torque - 85 Nm or 100 Nm when used with locking spring ring # 9910002, 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

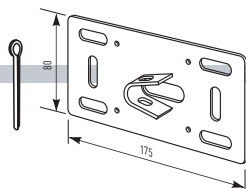
Part # 9206029

***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

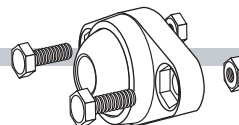
Heavy Duty Idler Bracket*



- 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

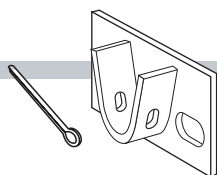
Idler End 12 mm Nylon Ball Bearing with Holder



- 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

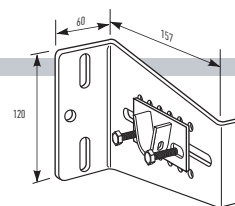
Idler End Cap Holder and Cotter Pin



- 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 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

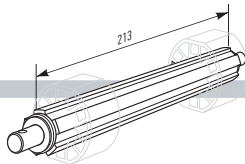
Part # 9129632

2.75" Tube Idler End Cap without Shaft

- Cast aluminum with set screw

Part # 9129633

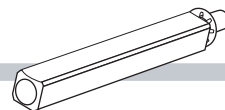
Heavy Duty End Cap with 16 mm Diameter Shaft



- 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

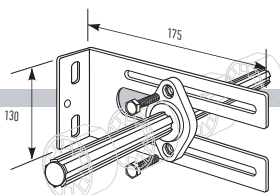
13 mm Square Drive Shaft with 14 mm Diameter Shaft

- Zinc plated steel shaft

Part # 1781011

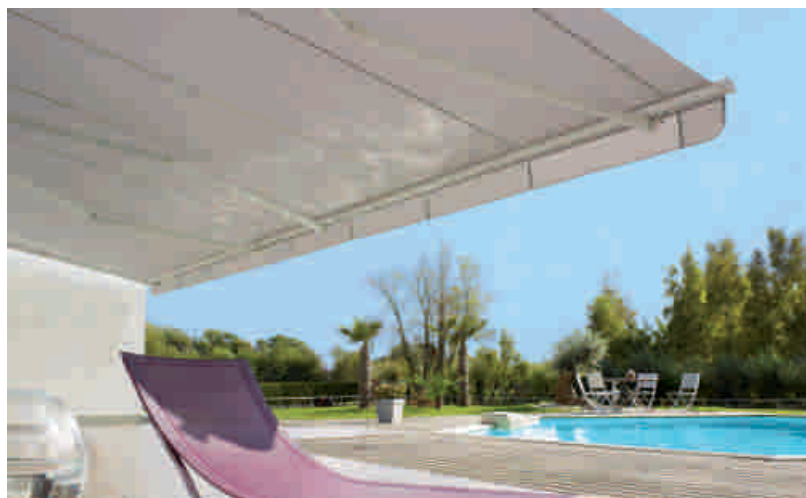
600 SERIES INTERMEDIATE BRACKET

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



*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

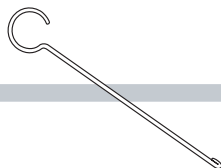
Locking Spring Ring



- 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

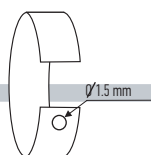
Pull-off Tool for Spring Ring



- Black finished steel

Part # 9206015

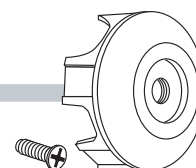
Fabric Fastening Clip



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

Part # 9012201

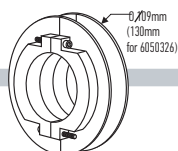
LT60 Stop Wheel



- 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 IT motor limit switches before connecting the motor to the controlling device

Part # 9012116

FTS Tester Cable - 5 Wire

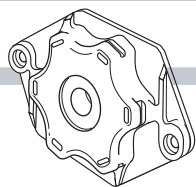
- Same as above, but for the FTS (Fabric Tension System)

Part # 9012117

600 SERIES MECHANICAL ACCESSORIES

CMO MECHANICAL ACCESSORIES

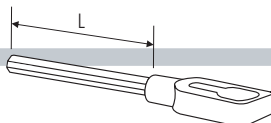
CMO Motor Bracket



- 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

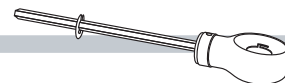
CMO Awning Eye with 6.5" (165 mm) Long 7 mm Hex Shaft

Part # 9685136

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

Part # 9685148

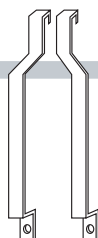
LT CMO Awning Eye Compatible with Geiger Crank Handles



- 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

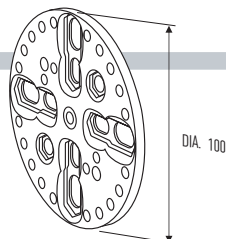
CMO Motor Limit Setting Tool



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

Part # 9910019

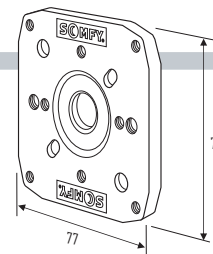
CMO Round Awning Motor Bracket



- 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

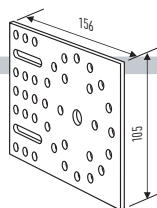
CMO ME Square Awning Motor Bracket



- 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

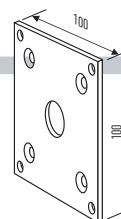
Standard LT and LT CMO Motor Mounting Plate



- 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



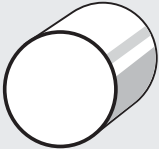
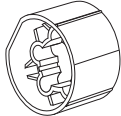
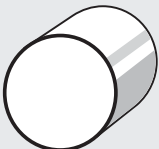
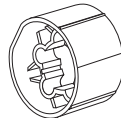
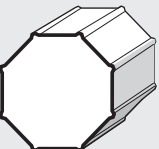
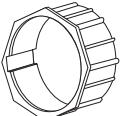
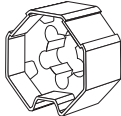
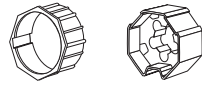
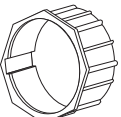
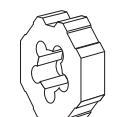
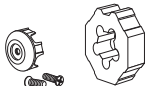
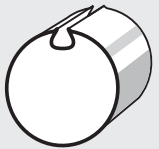
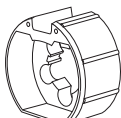
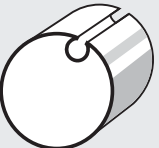
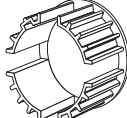
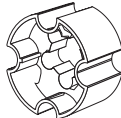
- Fits most shutter end caps
- Allows for easy replacement of the BMOM/ BMO motor utilizing existing mounting holes
- Zinc plated steel
- Maximum motor torque - 100 Nm
- Maximum system load - See note below

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

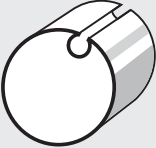
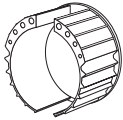
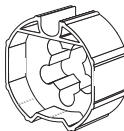
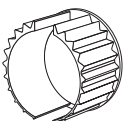
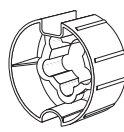
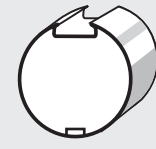
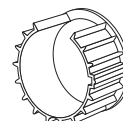
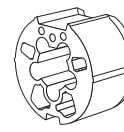
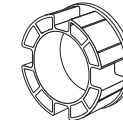
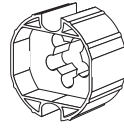
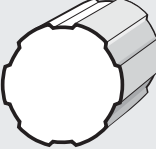
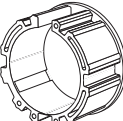
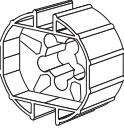
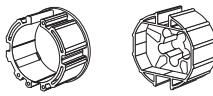
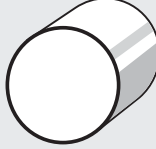
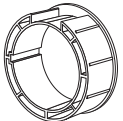
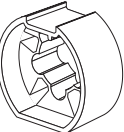
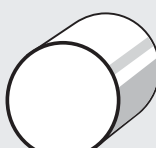
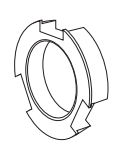
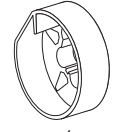
CROWNS AND DRIVES

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

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

*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	U.S. 1 Inch SS Hardware Kit	U.S. 1.25 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	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	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	Metric 25 mm SS Hardware Kit	Metric 30 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	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	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	CMO ME Square 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	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	CMO ME 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	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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