

Sonesse® 30 RTS



Sonesse® 30 RTS

Part #1001524



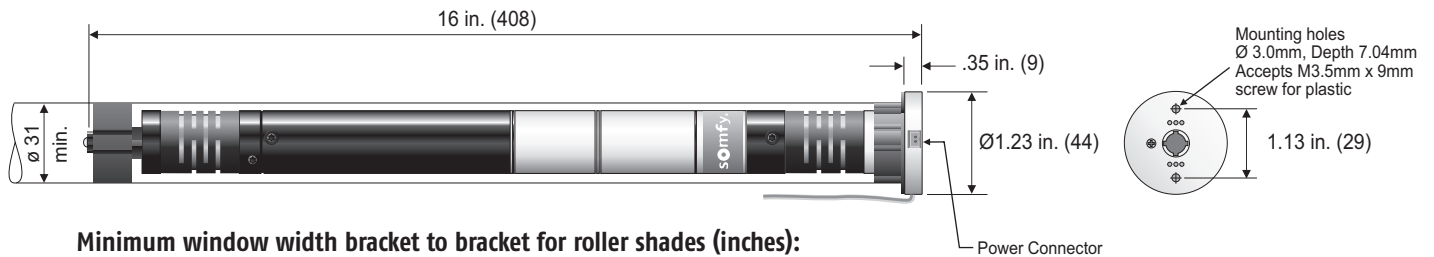
Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical features

Voltage Supply	DC	Temperature Working Range	32°F to 140°F (0°C to 60°C)
Index Protection Rating	IP 30	Insulation Class	Class III
Limit Switch Type	Electronic	Antenna	Must not come in contact with metal. May need to be repositioned for optimal range
Limit Switch Capacity	35 Turns		

NOTE: Power cable is included with motor.

Dimensions - in. (mm)



Minimum window width bracket to bracket for roller shades (inches):

Acmeda 44mm tube and hardware	18 5/8"
RollEase® 1.5" tube w/ Skyline Hardware	19 5/8"
RollEase® 1.5" tube w/ R8 Hardware	18 1/2"

Performances

	SONESSE® 30 RTS
Voltage*	24VDC
Motor Power Connection	2pin JST, 2mm pitch
Nominal load starting current *	1.8A for max. 300ms
Nominal load current *	.8A
Maximum current during programming *	3.2A for 300ms.
Torque	17.7 in. lbs. (2Nm)
Speed	6-28 rpm (programmable)
Thermal protection	2.5 minutes
Minimum inside diameter of tube	1.22 in. (31mm)
**Sound level	≤ 44 dBA
RF control range (may vary)	65 ft.

* Regulated power supply required

**Sound Level:

Sound level measured at 3 feet from end product at maximum torque.

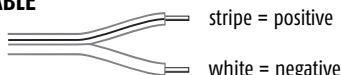
Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 31mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- ST30 Series Drive Stop and Screw (included with crown and drive), are recommended to prevent noise and drive wheel separation from motor shaft.

Included Cable

24V DC POWER CABLE

2 Conductor
7.5' Length



Sonesse® 30 RS485



Sonesse® 30 RS485

Part #1000658



Somfy Digital Network (SDN), is Somfy's proprietary digital communication backbone compatible with industry standard RS485

Technical features

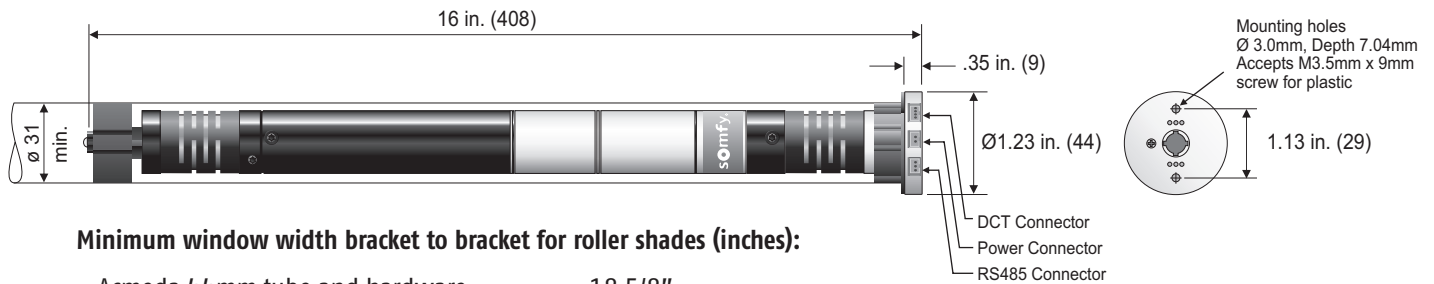
Voltage Supply	DC
Index Protection Rating	IP 30
Limit Switch Type	Digital
Limit Switch Capacity	35 Turns

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

Insulation Class Class III

NOTE: Power/Control motor cables are included with motor. Does not include Limit Setting Tool # 9014599 or Dry Contact Closure (DCT) Cable # 9014793 required for setting limits.

Dimensions - in. (mm)



Minimum window width bracket to bracket for roller shades (inches):

Acmeda 44mm tube and hardware	18 5/8"
RollEase® 1.5" tube w/ Skyline Hardware	19 5/8"
RollEase® 1.5" tube w/ R8 Hardware	18 1/2"

Performances

SONESSE® 30 RS485

Voltage*	24VDC
Motor power connector	2 pin JST, 2mm pitch
Motor RS485 connector	3 pin JST, 2mm pitch
Motor DCT connector	4 pin JST, 2mm pitch
Nominal load starting current *	1.8A for max. 300ms
Nominal load current *	.8A
Maximum current during programming *	3.2A for 300ms.
Torque	17.7 in. lbs. (2Nm)
Speed	6-28 rpm (programmable)
Thermal protection	2.5 minutes
Minimum inside diameter of tube	1.22 in. (31mm)
**Sound level	44 dBA

* Regulated power supply required

**Sound Level:

Sound level measured at 3 feet from end product at maximum torque.

Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 31mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- ST30 Series Drive Stop and Screw (included with crown and drive), are recommended to prevent noise and drive wheel separation from motor shaft.

Included Cables

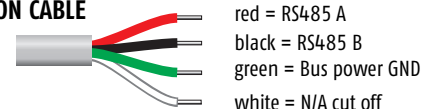
24V DC POWER CABLE

2 Conductor
7.5' Length



RS485 COMMUNICATION CABLE

3 Conductor
7.5' Length



Sonesse® 30 DCT

DRY CONTACT

Sonesse® 30 DCT

Part #1000668



Offers control via contact closure switching (dry contact)

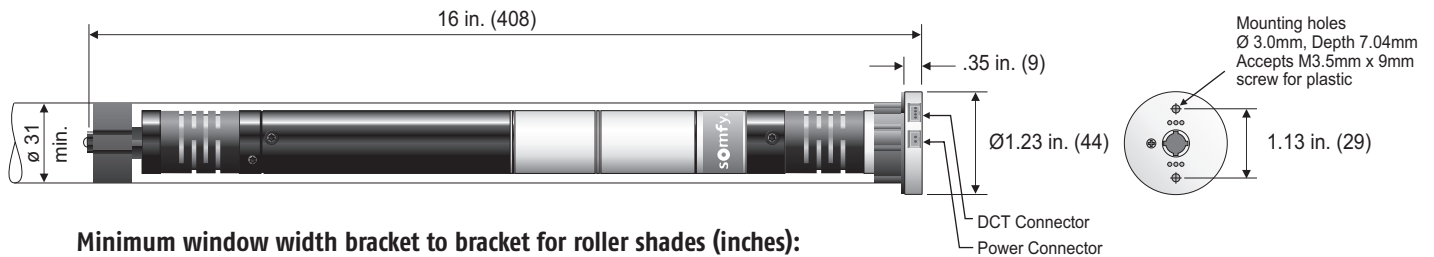
Technical features

Voltage Supply	DC
Index Protection Rating	IP 30
Limit Switch Type	Dry Contact
Limit Switch Capacity	35 Turns

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

NOTE: Power/Control motor cables are included with motor. Does not include Limit Setting Tool # 9014599 required for setting limits.

Dimensions - in. (mm)



Minimum window width bracket to bracket for roller shades (inches):

Acmeda 44mm tube and hardware	18 5/8"
RollEase® 1.5" tube w/ Skyline Hardware	19 5/8"
RollEase® 1.5" tube w/ R8 Hardware	18 1/2"

Performances

SONESSE® 30 DCT

Voltage*	24VDC
Motor power connector	2 pin JST, 2mm pitch
Motor DCT connector	4 pin JST, 2mm pitch
Nominal load starting current *	1.8A for max. 300ms
Nominal load current *	.8A
Maximum current during programming *	3.2A for 300ms.
Torque	17.7 in. lbs. (2Nm)
Speed	6-28 rpm (programmable)
Thermal protection	2.5 minutes
Minimum inside diameter of tube	1.22 in. (31mm)
**Sound level	<44 dBA

* Regulated power supply required

**Sound Level:

Sound level measured at 3 feet from end product at maximum torque.

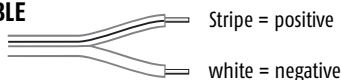
Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 31mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- ST30 Series Drive Stop and Screw (included with crown and drive), are recommended to prevent noise and drive wheel separation from motor shaft.

Included Cables

24V DC POWER CABLE

2 Conductor
7.5' Length



DCT COMMUNICATION CABLE

4 Conductor
7.5' Length

