

Sonesse® 30 Intelligent Wired Motor



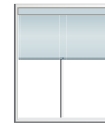
Somfy® quiet, low voltage motorization compatible with Somfy Digital Network®, dedicated to interior applications.



MAIN CHARACTERISTICS

- 24V DC motor with 2 Nm torque lift
- Low profile motor to fit 1.5" and 2" tube sizes
- Somfy Digital Network (SDN) RS485 digital network compatible
- Quiet operation at 44 dBA
- Embedded microprocessor-based controller and onboard communication port for bidirectional communications
- Speed regulation feature for precise operation alignment from 6–28 rpm
- Motors are field-interchangeable to easily adapt to wire locations
- Digital encoder delivers precise alignment of +/- 2 mm accuracy
- 16 unique stopping points
- 16 individual operating addresses
- Thermally protected
- Overcurrent protection
- Permanently lubricated gear box
- Maintenance-free

APPLICATIONS



Solar Shades

TECHNOLOGY

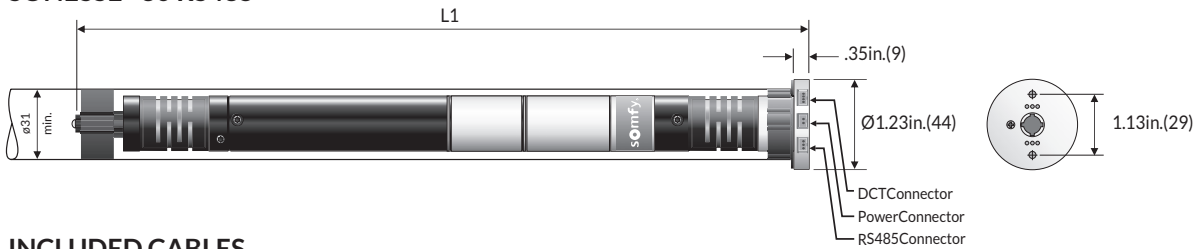


ST30 RS485

PART NUMBER:
39-5520-00

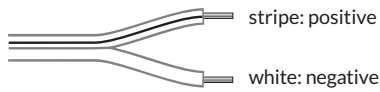


SONESSE® 30 RS485

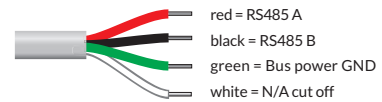


INCLUDED CABLES

24V DC Power Cable
2 Conductor
7.5" Length



RS485 Data Cable
3 Conductor
7.5" Length



OPTIONAL DATA CABLES (Required for Rev H Motors for Setting Limits)



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

DIMENSIONS		404S2
L1		16 in (408mm)

NOTE: Revision H motors require limit setting with RS485 Motor Setting Limit Tool 39-5528-00 and Data Cable 39-5564-00 with RJ45 end.

PERFORMANCES	
Voltage*	24 VDC
Motor Power Connector	2 pin JST, 2 mm pitch
Motor RS485 Connector	3 pin JST, 2 mm pitch
Motor DCT Connector	4 pin JST, 2 mm pitch
Nominal Load Starting Current*	1.8a for max. 300 ms
Nominal Load Current*	.8a
Torque	17.7 in lbs (2 Nm)
Speed	6-28 rpm (programmable)
Thermal Protection	2.5 minutes
Minimum Inside Diameter of Tube	1.22 in (31 mm)
Sound Level	44 dBA

*Regulated power supply required