

Sonesse® 30 RS485



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Part #1000658



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

Technical features

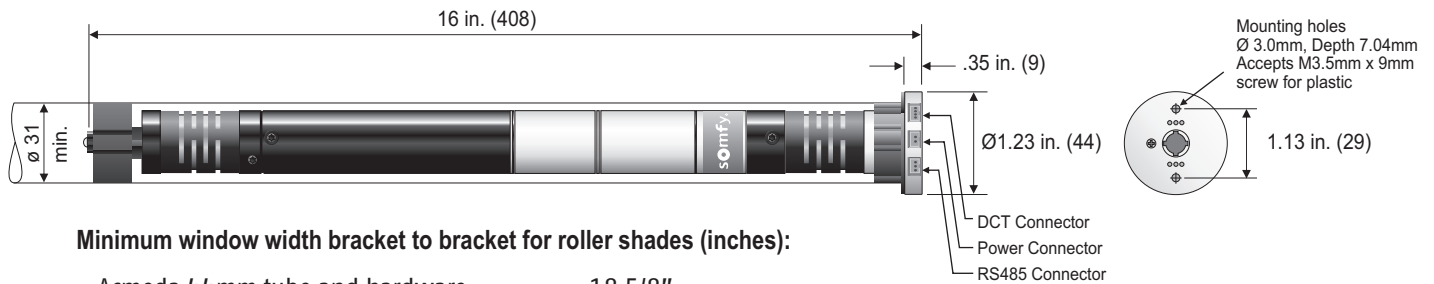
Voltage Supply	DC
Index Protection Rating	IP 30
Limit Switch Type	Digital
Limit Switch Capacity	35 Turns

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

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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

