

Sonesse® 30 DCT

DRY CONTACT

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Part #1000668



Offers control via contact closure switching (dry contact)

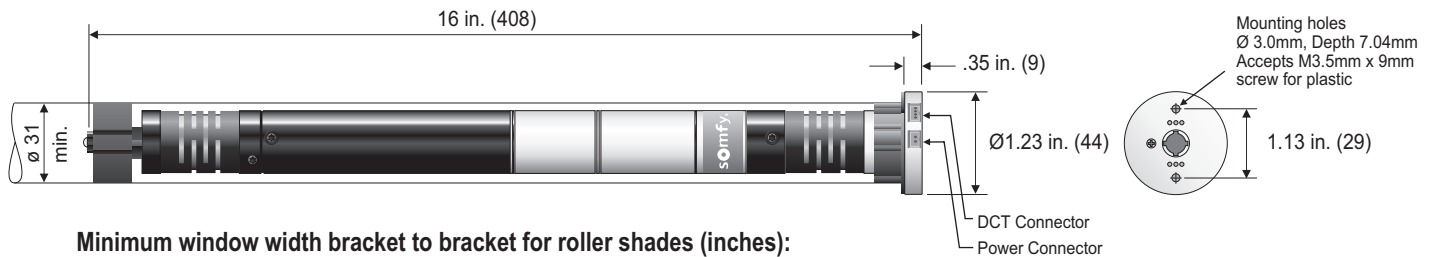
Technical features

| | |
|-------------------------|-------------|
| 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.

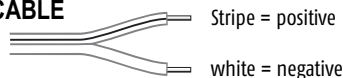
Fabrication Recommendations:

- 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

