Technical Features

Voltage Supply: 120V AC, 60Hz

Index Protection:
- 504 - IP 31 (interior use)
- 506 - IP 44 (interior & exterior use)

Rating

Limit Switch Type: Electronic RTS

Limit Switch Capacity: 250 Turns

Temperature Working Range:
- 504: 32°F to 140°F (0°C to 60°C) Interior use
- 506: -4°F to 158°F (-20°C to 70°C) Interior and exterior use

Insulation Class: Class 1 for 120V

Antenna: Integrated into power cord. Power cord must be at least 12 inches and must not come in contact with metal

Wiring: Parallel wiring allowed in accordance with NEC and local electrical codes

Performances

<table>
<thead>
<tr>
<th>Torque</th>
<th>6 Nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Voltage</td>
<td>120V / 60Hz</td>
</tr>
<tr>
<td>Rated Current</td>
<td>1.2A</td>
</tr>
<tr>
<td>Speed</td>
<td>32 rpm</td>
</tr>
<tr>
<td>Thermal Protection</td>
<td>5 minutes</td>
</tr>
<tr>
<td>Radio Frequency</td>
<td>433.42 MHz</td>
</tr>
</tbody>
</table>

*S*Sound Level:

Sound level measured at 3 feet from end product at maximum rated 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) > 47 mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.