

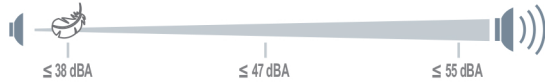
# Sonesse® ULTRA 50 RS485

## Technical Features

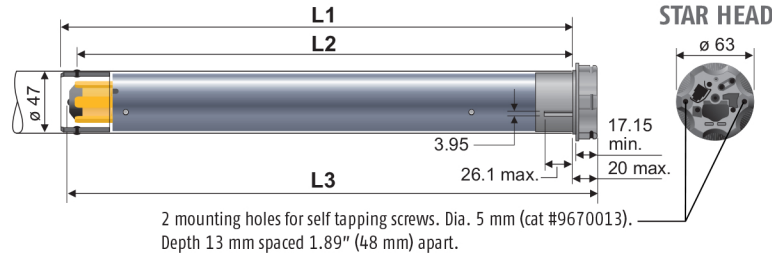
|                                  |  |
|----------------------------------|--|
| <b>Voltage Supply</b>            | 120V AC, 60Hz  |
| <b>Index Protection Rating</b>   | IP 31 (interior)   |
| <b>Limit Switch Type</b>         | Electronic   |
| <b>Limit Switch Capacity</b>     | 300 Turns  |
| <b>Temperature Working Range</b> | 32°F to 140°F (0°C to 60°C)<br>(Interior use only)                         |
| <b>Insulation Class</b>          | Class 1 for 120V AC  |
| <b>Wiring</b>                    | Parallel wiring allowed in accordance with NEC and local electrical codes. |

## Specifications

|                           |             |
|---------------------------|-------------|
| <b>Torque</b>             | 6 Nm        |
| <b>* Minimum Torque</b>   | 0.4 Nm      |
| <b>Nominal Voltage</b>    | 120V / 60Hz |
| <b>Rated Current</b>      | .95A        |
| <b>Speed</b>              | 24 rpm      |
| <b>Thermal Protection</b> | 4 minutes   |
| <b>** Sound Level</b>     | ≤ 38 dBA    |



## Dimensions



### Dimensions

|  |   |
|--|---|
| <b>L1</b>                                      | 33.0 in (838 mm)                              |
| <b>L2</b>                                      | 32.5 in (825 mm)                              |
| <b>L3</b>                                      | 33.6 in (853 mm)                              |
| <b>SJTW Power Cable Length</b>                 | 9.8 ft (3 m)                                  |
| <b>Data Cable (must be ordered separately)</b> | Customizable and available in various lengths |

Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.

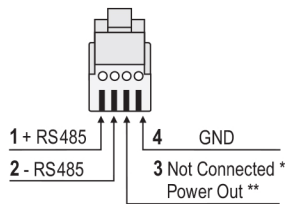
## Type of power cable

**120V AC / 60Hz**  
3 conductor cable



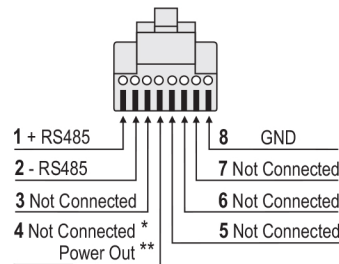
## Data Cable: RJ9/RJ45 (sold separately)

### RJ9 connects to motor



\* Data cable (black) for animeo IP networks  
\*\* Data cable (grey) for powering external modules

### RJ45 connects to network



### 4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (RTS, Z-Wave®, ZigBee® modules)

**GREY WITH POWER OUT**

|             |          |
|-------------|----------|
| 2.5 ft long | #9018545 |
| 8 ft long   | #9018546 |
| 12 ft long  | #9018547 |
| 24 ft long  | #9018548 |

### 4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (SDN - animeo IP)

**BLACK WITHOUT POWER OUT**

|             |          |
|-------------|----------|
| 2.5 ft long | #9018541 |
| 8 ft long   | #9018542 |
| 12 ft long  | #9018543 |
| 24 ft long  | #9018544 |