

# LT50 Intelligent Wired Motor



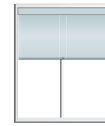
50 mm star head intelligent motor controlled and monitored via Somfy Digital Network® solutions and animeo® IP total solar management system.



## MAIN CHARACTERISTICS

- Somfy Digital Network (SDN) compatible motor
- Brushless asynchronous 110V AC (60 Hz) single-phase motor
- Native RS485 protocol
- Embedded microprocessor-based controller and onboard communication port for bidirectional communications
- Star head motor for strong attachment to bracket systems (six possibilities to orientate the head of the motor)
- Compatible with SWFcontract motorized line of tube and bracket sizes
- Digital encoder delivering 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



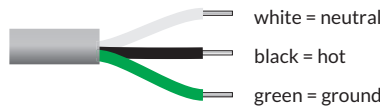
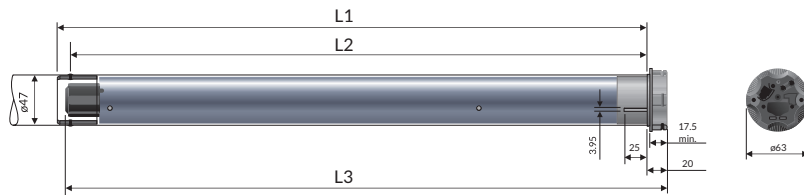
**somfy®**

# LT515/LT535 Intelligent Motor



**PART NUMBER:**  
39-5526-00  
39-5527-00

## LT50 INTELLIGENT WIRED MOTOR

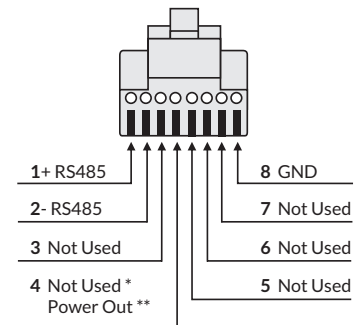


### TYPE OF POWER CABLE

120V/60 Hz  
3 Conductor Cable

Antenna embedded in the first 12" of the power cable.

## DATA CABLE: RJ45 PINOUTS



\* Data Cable (black) for Animeo IP networks.

\*\* Data Cable (gray) for powering external modules.

TECHNICAL FEATURES	
Voltage Supply	AC
Index Protection Rating	IP 44
Limit Switch Type	Electronic
Limit Switch Capacity	300 Turns
Temperature Working Range	-4°F to 158°F (-20°C to 70°C)
Insulation Class	Class 1 for 120V

DIMENSIONS	510S2	525A2
L1	26.57 in	26.57 in
L2	25.98 in	25.98 in
L3	26.89 in	26.89 in
Cable Length	18 in (0.45 m)	18 in (0.45 m)
Data Cable Length (included)	Available in 2.5', 8', 12' and 24' lengths / RJ45 plug ends	Available in 2.5', 8', 12' and 24' lengths / RJ45 plug ends

Optional cables with NEMA plugs available in 3 ft, 6 ft, 10 ft.

PERFORMANCES	510S2	525A2
Torque	15 Nm	35 Nm
Nominal Voltage	120V/60 Hz	120V/60 Hz
Rated Current	1.8A	2.1A
Speed	38 rpm	20 rpm
Thermal Protection	4 minutes	4 minutes
Sound Level	≤ 55 dBA	≤ 55 dBA