

# ILT Network Motors > LT50 ILT2

## LT50 ILT2 Star Head



506S2 1100019  
 515S2 1100026  
 535A2 1030075

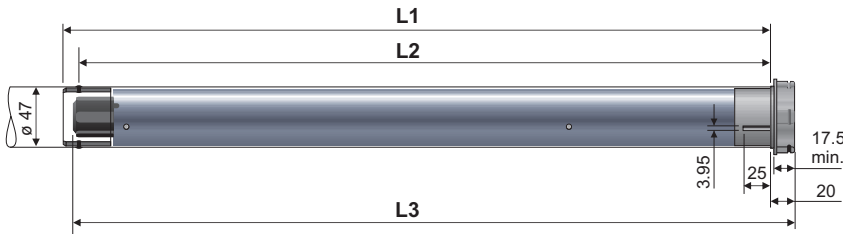


A new generation of intelligent LT motors that can be controlled and monitored via Somfy digital network solutions.

### Technical features

<b>Voltage Supply</b>	AC
<b>Index Protection Rating</b>	IP 44
<b>Limit Switch Type</b>	Electronic
<b>Limit Switch Capacity</b>	300 Turns

<b>Temperature Working Range</b>	-4°F to 158°F (-20°C to 70°C)
<b>Insulation Class</b>	Class 1 for 120V



2 mounting holes for self tapping screws.  
 Dia. 5 mm (cat #9670013)  
 Depth 13 mm  
 Spaced 1.89" (48 mm) apart

### Performances

	506S2	515S2	535A2
<b>Torque</b>	6 Nm	15 Nm	35 Nm
<b>Nominal Voltage</b>	120V / 60Hz		
<b>Rated Current</b>	.95A	1.8A	2.1A
<b>Speed</b>	38 rpm	38 rpm	20 rpm
<b>Thermal Protection</b>	5 minutes		
<b>Sound Level</b>	55 dBA	56 dBA	58 dBA

### Dimensions

	506S2	515S2	535A2
<b>L1</b>	23.82 in (605mm)	23.23 in (590mm)	24.13 in (613mm)
<b>L2</b>	26.57 in (675mm)	25.98 in (660mm)	26.89 in (683mm)
<b>L3</b>	26.57 in (675mm)	25.98 in (660mm)	26.89 in (683mm)
<b>Power Cable Length</b>	6.5ft (2m)	6.5ft (2m)	6.5ft (2m)
<b>Data Cable Length (included)</b>	1ft (.3m) / 4 wires / RJ9 phone connectors	1ft (.3m) / 4 wires / RJ9 phone connectors	5ft (1.5m) / 4 wires / RJ9 phone connectors

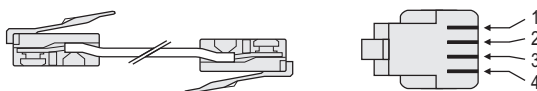
Optional cables with NEMA plugs available in 3ft, 6ft, 12ft, 18ft, 24ft.

### Type of cables

ILT:  
 120 V / 60 Hz  
 3 threads by wire



### DATA CABLE: RJ9 Pin Outs



PIN COLOR	4 RED	3 BLUE	2 WHITE	1 YELLOW
<b>ILT Protocol</b>	-	GND	-	DATA
<b>Dry Contact</b>	OPEN	GND	-	CLOSE
<b>IR Contact</b>	IR	GND	+5V	-

### Optional Data Cables:

- ILT white data cable - 1 ft. (.3m) Part #9209060
- ILT white data cable - 5 ft. (1.5m) Part #9209061
- ILT white data cable - 25 ft. (7.5m) Part #9012343
- ILT white data cable - 50 ft. (15m) Part #9012344