

506S2 11 0001 9
 51 5S2 11 0002 6
 53 5A2 1 03 007 5

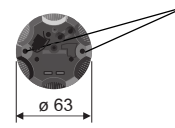
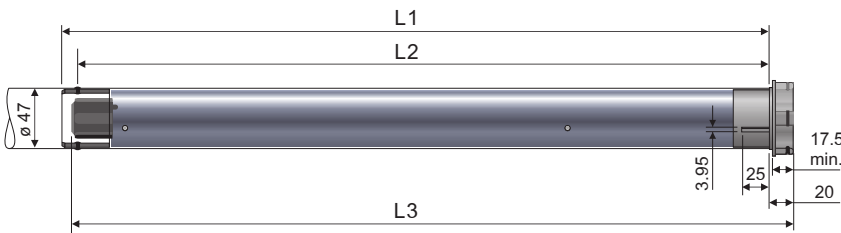
A new generation of intelligent LT motors that can be controlled and monitored via Somfy digital network solutions.

Technical features



Voltage Supply 120V AC, 60Hz
 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



2 mounting holes for self tapping screws.
 Dia. 5 mm (cat #967 001 3)
 Depth 13 mm
 Spaced 1.89" (48 mm) apart

Performances

	506S2	51 5S2	53 5A2
Torque	6 Nm	15 Nm	35 Nm
Nominal Voltage	120V / 60Hz		
Rated Current	.95A	1.8A	2.1 A
Speed	38 rpm	38 rpm	20 rpm
Thermal Protection	5 minutes		
Sound Level	55 dBA	56 dBA	58 dBA

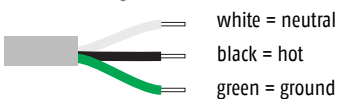
Dimensions

	506S2	51 5S2	53 5A2
L1	23.82 in (605mm)	23.23 in (590mm)	24.13 in (613 mm)
L2	26.57 in (675mm)	25.98 in (660mm)	26.89 in (683 mm)
L3	26.57 in (675mm)	25.98 in (660mm)	26.89 in (683 mm)
Power Cable Length	6.5ft (2m)	6.5ft (2m)	6.5ft (2m)
Data Cable Length (included)	1 ft (.3 m) / 4 wires / RJ9 phone connectors	1 ft (.3 m) / 4 wires / RJ9 phone connectors	5 ft (1.5 m) / 4 wires / RJ9 phone connectors

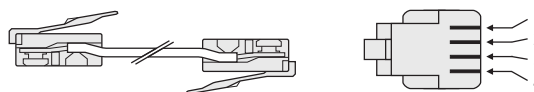
Optional cables with NEMA plugs available in 3ft, 6ft, 12ft, 18ft, 24ft.

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
ILT Protocol	-	GND	-	DATA
Dry Contact	OPEN	GND	-	CLOSE
IR Contact	IR	GND	+5V	-

Optional Data Cables:

ILT white data cable - 1 ft. (.3 m) Part #9209060
 ILT white data cable - 5 ft. (1.5 m) Part #9209061
 ILT white data cable - 25 ft. (7.5 m) Part #901 23 43
 ILT white data cable - 50 ft. (15 m) Part #901 23 44