

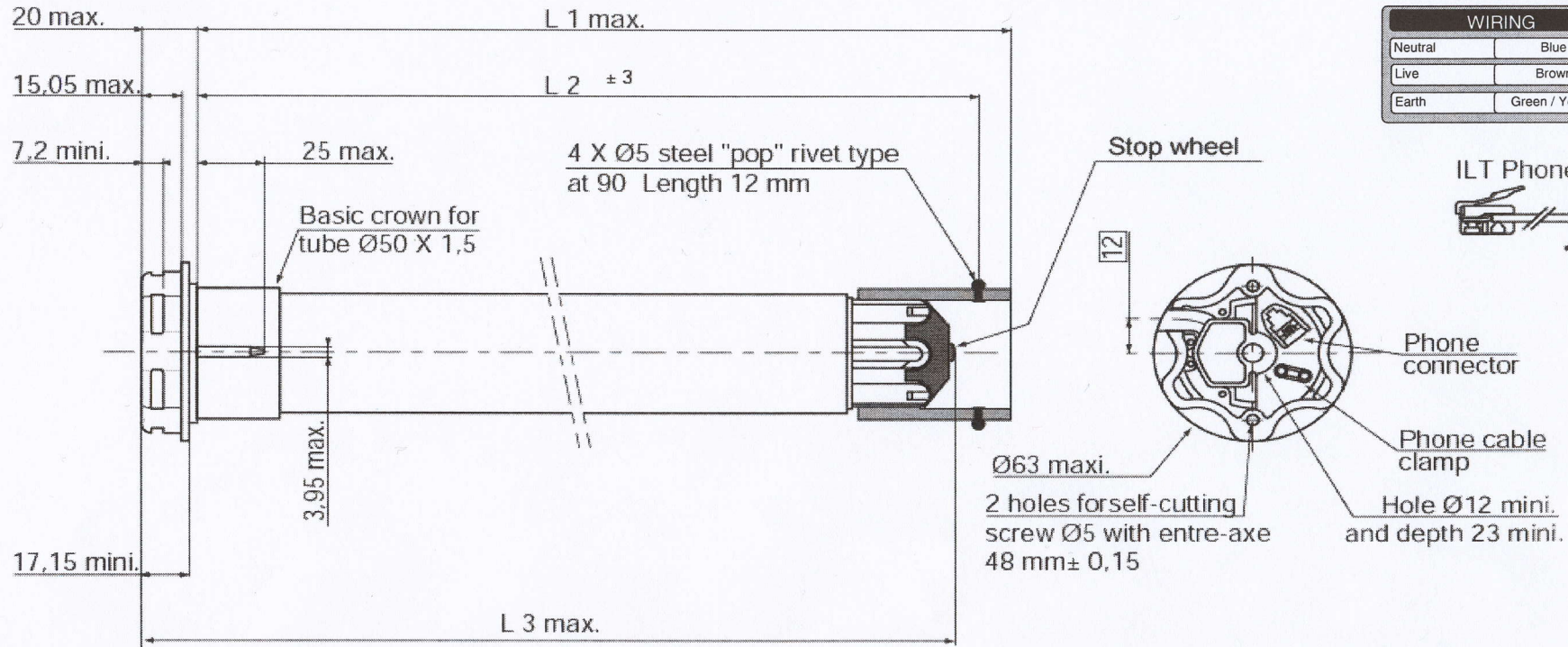
Nominal voltage	230 V - 50 Hz
Power supply tolerances	207 - 253 V
Thermal time	4 minutes
Number of wires of the cable	3
Wire section	0,75 mm ²
Type of limit switch unit	Electronic
Capacity of the LSU	300 turns
Repeatability	<± 2°
System of protection	IP 31
Interface drawings	206810 : Screw Implantation LT50 206821 : Wheel Interface LT50 206822 : Crown Interface LT50 206823 : Star Head LT50, LT50 PA/PS
Basic crown for tube Ø	50 x 1,5 mm + see integration recommendations
Phone Cable Connector	flat 4-point ; RJ9 type, male plug.
Electromagnetic Compatibility	IEC 1000 - 4 - 2 IEC 1000 - 4 - 3 3V/m IEC 1000 - 4 - 4 level III IEC 1000 - 4 - 5 1kV IEC 1000 - 4 - 6 3V/m IEC 1000 - 4 - 11 EN 55014
Temperature working range	Normal use : 0°C to + 60°C
Noise Level	According to SOMFY mesures (Pressure level measured at 1m from the end product).

Integration recommendations

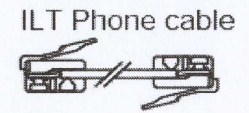
- * The noise level depends upon the right fit between customers tubes and accessories, especially the crowns and the wheels.
- * Free plays have to be minimized between the accessories and the end product tube to ensure the performance of the actuator.
- * Interior tube diameter > 47 mm - compatible with LT50 range crowns and wheels -
- * Crown as an interface with tubes is compulsory to ensure the performance of the actuator.
- * The stop wheel (ref : 9910004) must be screwed with a torque ranging between 1.5Nm and 1.8Nm.
- * Drive wheel must be riveted to the tube.
- * It's recommended to use the specific collapsible idler end cap (ref : 9013592 or ref : 9013593) for silent result (do not use LT50 idler end caps).
- * Somfy Soft Clip wheels are forbidden for this application.

Tests done at 20°C, 230V 50Hz, in a tube of Ø63

Designation	Nm	rpm	reference	mm				W	A	°C	Brake type	kg	dB(A)	mm	µF
	Nominal torque	No-load Speed		L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Thermal tripping		Weight	Noise	Stator	Capacitor
SONESSE 50 ILT2 3/28	3	28	5047827A	783	770	796	720	90	0,4	120	sliding	2.875	≤44	60	2.5



WIRING	
Neutral	Blue
Live	Brown
Earth	Green / Yellow



R & D		QUALITY		AUTHOR	
Date: 25/02/2008	Date: 25/02/2008	Date: 25.02.08	Date: 25.02.08		
Name: Aurélie MILLET	Visa:	Name: Xavier COLET	Visa:	Name: FRANCK BROZILLE	Visa: