



ILT2 50 RANGE 1 TECHNICAL DATA

SDEV-FICA 44R0

Range 1

ILT2 50

31/08/2009

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	Unit	
Nominal voltage	V	230
Mini / Max supply voltage	V	207 to 253
Voltage Range		Range 1
Voltage frequency	Hz	50
Number of wires of the cable		3
Wire section	mm ²	0.75
Phone Cable Connector		Flat 4 point ; RJ9 type, male plug
Electrical insulation		--
Protection index	IP	44
Standard		--
Thermal protection	min	4
Running time	min	--
Type of Limit Switch Unit		Electronic
Capacity of the Limit Switch Unit	Turns	300
Repeatability		< ± 2°
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	mm	50 x 1,5
Infrared protocole		ARCS - 80
Infrared frequency	kHz	38
Radio interference		--
Radio frequency	Mhz	--
Sensitivity	Mhz	--
Modulation type		--
Radio protocol		--
Radio range		--
Capacity of memory		--
Rolling code		--
Antenna (length) + (Ø)	mm / inch	--
Range	m / feet	--
Service stress		--
Safety Security		--
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 [3 V/m] IEC1000 - 4 - 11 IEC 55014
Patents		--
Temperature working range	°C (°F)	-25°C (-13°F) to +80°C (+176°F)
Temperature storing range	°C (°F)	0°C (32°F) to +60 °C (+140 °F)
Duty cycle (at C°/ F°)		--
Noise Level		According to SOMFY measurements (for information only). Worse value in load up direction during 10 seconds.

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 -
- * Drive wheel must be popped to the tube

		Tests done at 20°C, 230V 50Hz, in a tube of Ø 63																		
Designation	Reference	Nm / In.lbs	Nm / In.lbs	Nm / In.lbs	rpm	rpm	rpm	mm / inch	mm / inch	mm / inch	mm / inch	A	A	A	W	C° / F°	Brake type	kg / lbs	Motor weight	dBA
		Nominal torque	Nominal stall torque	Maximum stall torque during xx ms	Average speed at nominal load (way Up)	Average speed at nominal load (way Down)	Average speed without load (up and down)	L1 max.	L2 (±3 mm)	L3 max.	Tube	Maximum continuous current consumption	Maximum starting current consumption (during xx ms)	Maximum stall current consumption (during xx ms)	Power	Thermal tripping				
ILT2 Ariane	200811B	6 / 4.43	--	--	--	--	17	605 / 23.82	590 / 23.23	613 / 24.13	540 / 21.26	0,4	--	--	90	140	sliding	1,72 / 3,79	46	
	5050254B	6 / 4.43	--	--	--	--	32	605 / 23.82	613 / 24.13	613 / 24.13	540 / 21.26	0,5	--	--	120	140	sliding	1,85 / 4,08	52	
ILT2 Atlas	200814B	15 / 11.06	--	--	--	--	17	605 / 23.82	613 / 24.13	613 / 24.13	540 / 21.26	0,65	--	--	140	150	sliding	1,95 / 4,30	50	
	5063430A	15 / 11.06	--	--	--	--	32	705 / 27.76	690 / 27.17	713 / 28.07	540 / 21.26	1,1	--	--	240	150	sliding	2,55 / 5,62	56	
ILT2 Apollo	5063429A	35 / 25.82	--	--	--	--	17	705 / 27.76	690 / 27.17	713 / 28.07	540 / 21.26	1,1	--	--	240	150	sliding	2,55 / 5,62	56	

