



## ILT2 50 RANGE 1 TECHNICAL DATA

SDEV-FICA 44R0

Range 1

ILT2 50

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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 <sup>2</sup>	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



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		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	

