

somfy®	TDST Sonesse 40 io	SDEV-CLU-IMPS 61R1 DOC148668 002 SONESSE 40 io Range 1
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Nominal voltage	230 V - 50 Hz
Power supply tolerances	196 - 255V / 47-52 Hz
Standby consumption	<0,5W
Thermal time	4 minutes at 20°C
Number of wires of the cable	2
Wire section	0,75 mm ²
Insulation class	Class II
Type of limit switch unit	Electronic
Capacity of the LSU	250turns
System of protection	IP 31
Interface drawings	Screw implantation for LS40 mounting 147897 - Wheel interface LS40 147887 - Crown interface LS40 147888 - LS40 & Altus 40 head interface drawing 147465.
Radio frequency	868-870 Mhz
Coding	io homecontrol
Capacity of memory (1W controls & sensors)	12 (no limit for 2W controls)
Range	20 m with 2 reinforced concrete walls to be passed through (depending on the environment)
RE TTE (Radio equipment and telecommunications terminal equipment directive)	Dir 1999/5/CE
Safety Security	EN 60335-2-97
Electromagnetic compatibility	EN 301489-3
Radio	EN 300-220-3
Angular free-play for venetian application	Angular free-play between the drive wheel accessory & the tube + free-play between the crown accessory & the tube, must not exceed 8°
Wheel unclipping force	≈ 7 Kg
Temperature working range	From 0°C to 60°C: 10 000 cycles (1 cycle = 1 up/down movement of 2m height for a blind) Restriction: from 0°C to 10°C 1500 cycles from 35°C to 60°C 3500 cycles
Noise Level	Power Level : according to standards ISO3741 in dB(A) re1pW Typical Value at nominal torque without end product (measurement from 20°C to 35°C)

	Nm	Nm	rpm	mm	mm	mm	mm	W	A	kg	db(A) ref 1pW	°
Designation	Nominal torque	Min torque (To avoid jumping)	Nominal speed	L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Weight	Noise Power Level	Repeatability
Sonesse 40 io 1,3/50	1,3	0,3	50	538	514	551	476	105	0,4	1,135	< 44	± 8
Sonesse 40 io 3/30	3	0,3	30	507	483	520	445	95	0,44	1,225	< 44	± 4
Sonesse 40 io 6/20	6	0,3	20	538	514	551	476	120	0,55	1,25	< 42	± 4
Sonesse 40 io 9/12	9	0,3	12	538	514	551	476	120	0,98	1,35	< 42	± 4

WIRING	Neutral	Blue
	Live	Brown

Applicable on all types of tubes

