

somfy®	RS100 io / io Hybrid - Technical data	DMKI - FPTE RANGE 1 DOC113836 006 TDST RS100
---------------	--	--

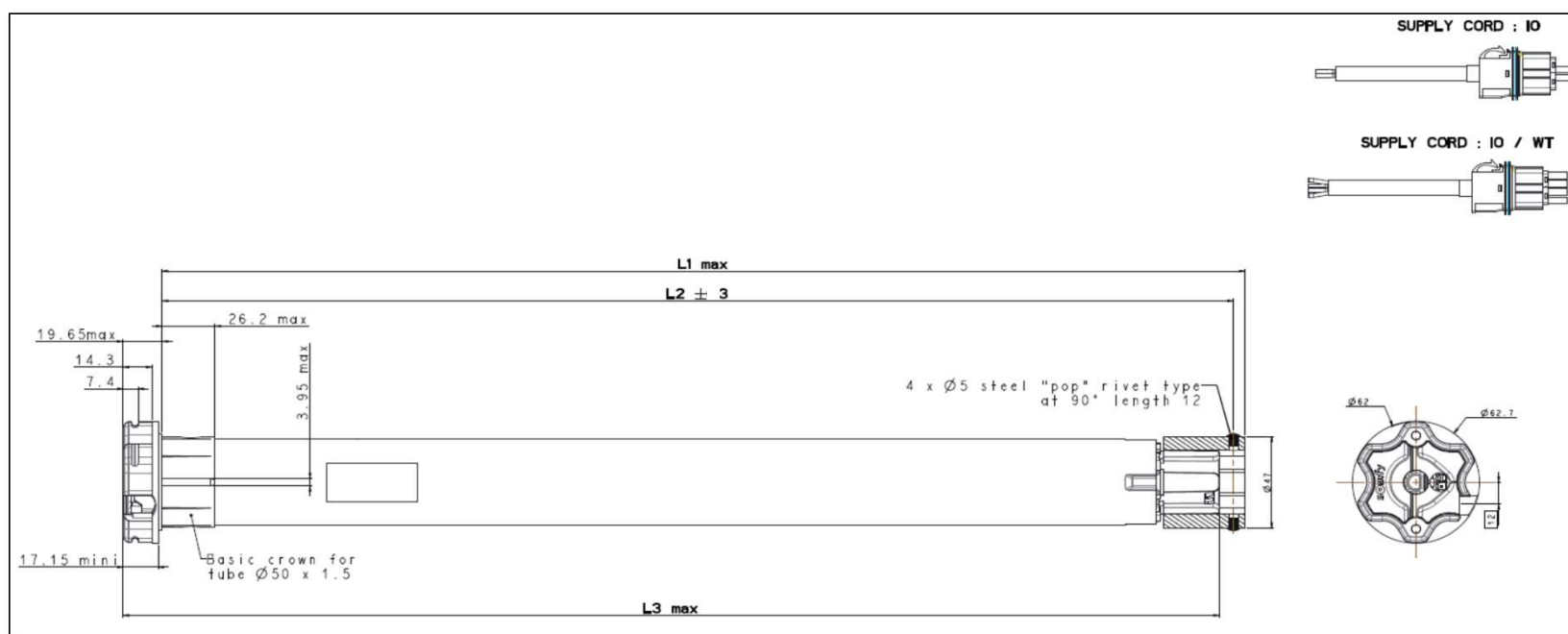
Nominal voltage	230 V
Power supply tolerances	195.5 - 255 V
Frequency	50 Hz
Thermal time	5 minutes for all motors
Number of wires of the cable	2 for io version and 4 for io Hybrid
Wire section	0.75 mm ²
Type of limit switch unit	Electronic
Capacity of the LSU	136 turns
Repeatability	< ± 5°
System of protection	IP44
Interface drawing	Head interface 206823A10 - Wheel interface: 206821 A06 - Crown interface: 206822 A06
Coding	Rolling code -16 millions of possibilities
Memory capacity	9 different 1 W
Range	20 m with 2 reinforced concrete walls to be passed through - if necessary, a beacon can be installed in order to satisfy this performance
End product protection	In the up and down direction
End product compatibility	RS equipped with stoppers and rigid links for p&p mode per default. For all RS with manual mode
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	Normal use : -10°C to +40°C Exceptionnal use (20% of the life time not simultaneous) : -25°C to +70°C
Noise level	According to SOMFY measures (for information only). * Tolérance = +1 sone.

	Nm	rpm		mm	mm	mm	W	A	°C		kg	Sones
Designation	Nominal torque	Nominal speed	Reference	L1 max.	L2 (±3 mm)	L3 max.	Rated power	Current (Max.)	Thermal tripping	Brake type	Weight	Noise*
RS 100 io	6	17	5105048	464	449	467	45	0,3	5 min	Spring	1,2	3
RS 100 io HYBRID			5105040									
RS 100 io			5142199									
RS 100 io HYBRID			5142197									
RS 100 io	10	17	5105049	478	463	480	55	0,4	5 min	Spring	1,3	3
RS 100 io HYBRID			5105042									
RS 100 io			5142200									
RS 100 io HYBRID			5142198									
RS 100 io	15	17	5105051	521	506	523	80	0,65	5 min	Spring	1,5	3
RS 100 io HYBRID			5105043									
RS 100 io			5142201									
RS 100 io HYBRID			5141718									
RS 100 io	20	17	5105052	538	523	544,5	100	0,8	5 min	Spring	1,7	5,4
RS 100 io HYBRID			5105044									

somfy®	RS100 io / io Hybrid - Technical data	DMKI - FPTE RANGE 1 DOC113836 006 TDST RS100
---------------	--	--

WIRING RS100 io	Live	Grey
	Neutral	Blue

WIRING RS100 io HYBRID	Live	Grey
	Neutral	Blue
	Direction 1	Black
	Direction 2	Brown



Name Date	R&D	QUALITY	EDITOR