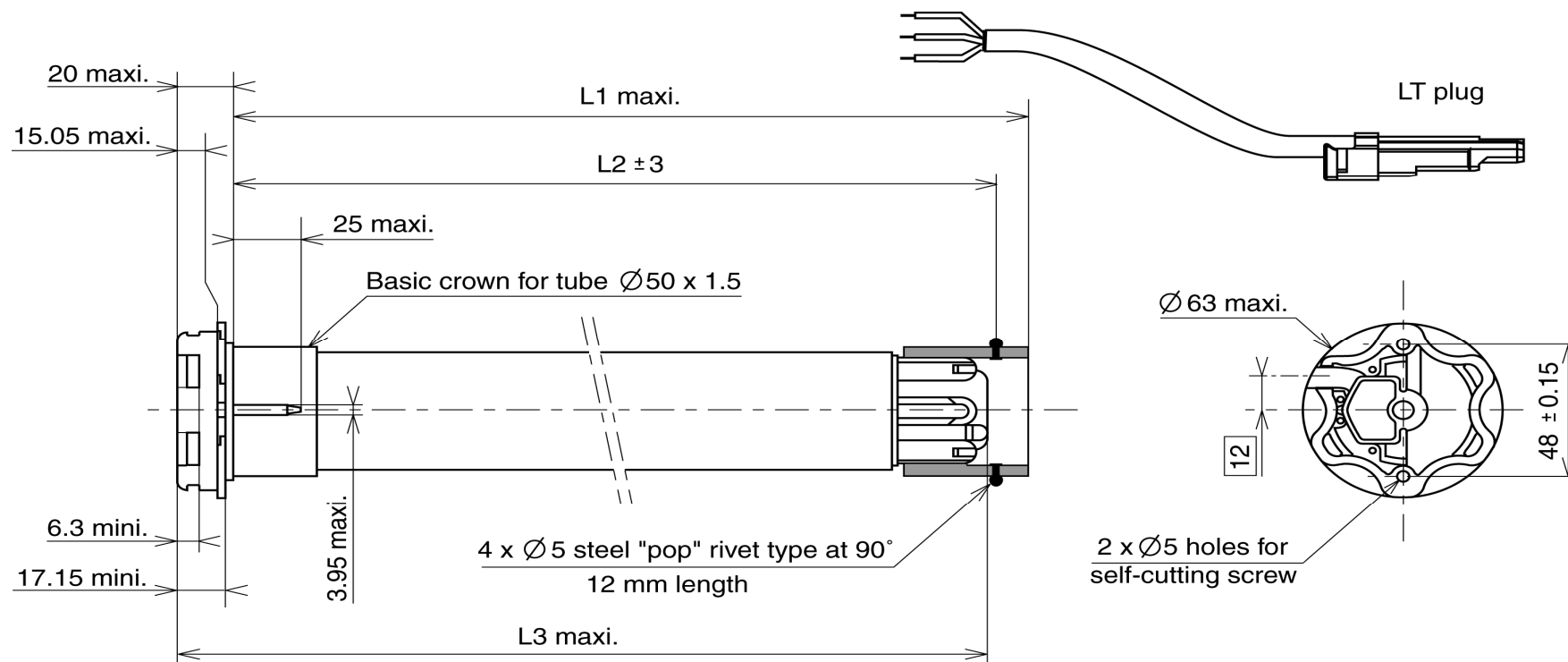


somfy®	04/01/2011	Pergola 50 io Technical data sheet	SDEV-CLU-IMPS 61R1 SDEV- FICA 94 R0 Range 1
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Type of head	Star head
Nominal voltage	230V - 50Hz
Power supply tolerances	195,5V AC - 253 V AC
Thermal time	4 minutes
Number of wires of the cable	3
Wire section	0,75 mm²
Removable cable	yes
Type of limit switch unit	Electronic
Capacity of the LSU	249 turns
Repeatability	< ± 5°
System of protection	IP 44
Interface drawings	Screw implantation for LT50 mounting 206810-Wheel interface LT50 206821-Crown interface LT50 206822-Interface drawing star head LT50 and LT50PA/PS 206823
Insulation class	I
Radio frequency	868-870 Mhz (tri band)
Coding	Code with a minimum of 248 possibilities
Capacity of memory	Maxi 9 for 1W transmitter - infinite for 2W transmitters
Antenna	Integrated
Range	20 m with 2 reinforced concrete walls to be passed through Possibility to enhance radio range thanks to a Repeater
Standard (CE)	<i>In accordance with CE declaration in internet Website www.somfy.com/ce</i>
Application	Pergola awning
Principle	The principle of the Pergola io is to motorize Pergola awning (standard and premium) with io-homecontrol® protocol
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	80% of life time between -10°C to +40°C 20% of life time between -20°C to +70°C

	Nm	rpm		mm	mm	mm	mm	W	A	°C		kg	dBA
Designation	Nominal torque	Nominal speed	Reference	L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Thermal tripping	Brake type	Weight	Noise
Pergola 50 io 20/17	20	17	5068588	655	640	660	590	160	0,75	150	Sliding	2,22	53
Pergola 50 io 30/17	30	17	5068589	675	660	680	610	240	1,1	150	Sliding	2,75	55
Pergola 50 io 40/17	40	17	5068590	745	730	750	680	270	1,2	140	Coil brake	2,85	57
Pergola 50 io 50/12	50	12	5068591	675	660	680	610	240	1,1	150	Sliding	2,60	55

Neutral	Blue
Live	Brown
Earth	Green / Yellow



Name
Date

R&D

P. Puthod

QUALITY

C. Belin

EDITOR

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