somfy	20/09/2016 MAESTRIA 50 WT RH TECHNICAL DATA MOTOR	**SDEV-CLU-IMPS 61R0** **TDST DOC135702 001** **Range 1**

Type of head	Round Head
Nominal voltage	230 V - 50 Hz
Power supply tolerances	195,5-255 V AC
Thermal time	4 minutes
Number of wires of the cable	4
Wire section	0,75 mm²
Maximum length of the cable between switch and motor	50m
Type of limit switch unit	Electronic
Capacity of the LSU	250 turns limited to 3 minutes of rotation w/o STOP
Repeatability	< ± 5°
System of protection	IP 44
Interface drawings	Wheel interface LT50 206821-Crown interface LT50 206822-Bracket interface LT50RH 206824 Screw implantation for LT50 RH mounting 206867
Safety Security	http://www.somfy.com/ce/index.cfm
Electromagnetic compatibility	http://www.somfy.com/ce/index.cfm
Principle	The principle of the Maestria WT is to motorize all type of vertical screens exepted screens with locks (Standard,zip, etc)
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
Noise Level	According to SOMFY measures (for information only). Worse value: in load up direction during 10 seconds.

	Nm	rpm		mm	mm	mm	²	A	kg	mm	°C		dBA	mm	µF
Designation	**Nominal torque**	**Nominal speed**	**Reference**	**L1 max.**	**L2** (±3 mm)	**L3 max.**	**Rated power**	**Rated current**	**Weight**	**tube**	**Thermal tripping**	**Brake type**	**Noise**	**Stator**	**Capacitor**
Maestria 50 WT RH 6/17	**6**	**17**	5 127 896	555	540	560	90	0,45	1,85	490	140	Sliding	47	30	2,8
Maestria 50 WT RH 6/32	**6**	**32**	5 127 897	605	590	610	120	0,5	2,21	540	140	Sliding	52	40	3,3
Maestria 50 WT RH 10/17	**10**	**17**	5 127 894	555	540	560	120	0,5	1,985	490	150	Sliding	47	40	3,3
Maestria 50 WT RH 10/32	**10**	**32**	5 127 898	605	590	610	160	0,75	2,21	540	150	Sliding	54	70	5,5
Maestria 50 WT RH 15/17	**15**	**17**	5 127 895	605	590	610	140	0,65	2,12	540	150	Sliding	50	55	4,5
Maestria 50 WT RH 15/32	**15**	**32**	5 127 899	655	640	660	240	1,1	2,54	590	150	Sliding	55	100	7
Maestria 50 WT RH 25/17	**25**	**17**	5 127 900	605	590	610	170	0,8	2,34	540	150	Sliding	56	80	6
Maestria 50 WT RH 35/17	**35**	**17**	5 127 901	655	640	660	240	1,1	2,56	590	150	Sliding	56	100	7

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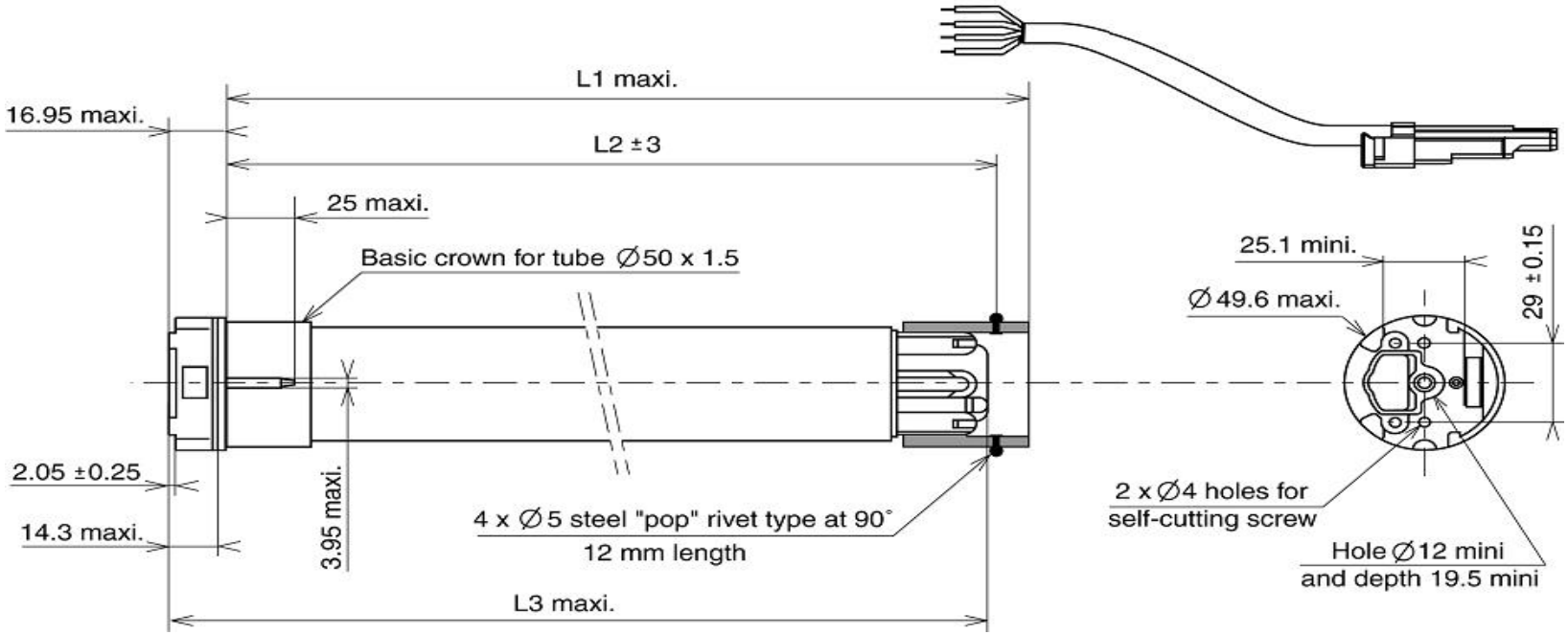
Neutral	**Blue**
Direction 1	**Brown**
Direction 2	**Black**
Earth	**Green / Yellow**



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