



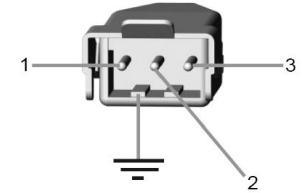
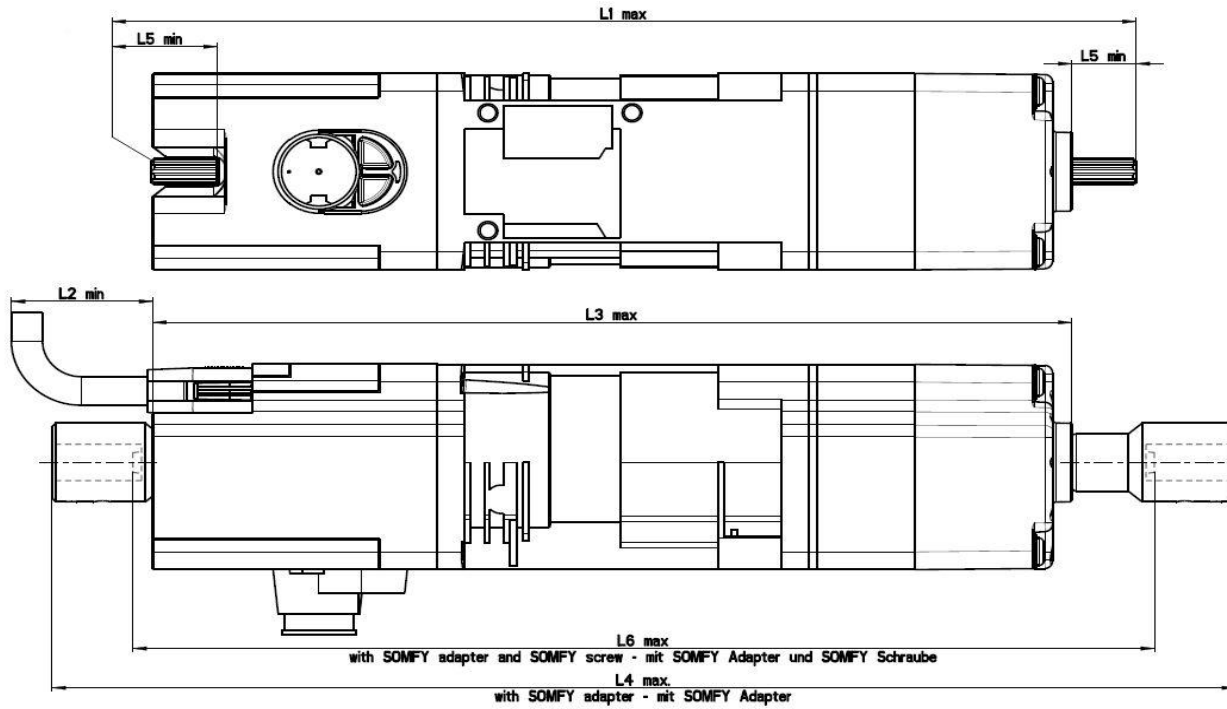
J4 HTM RANGE TECHNICAL DATA SHEET

TDST
RANGE 1
DOC102605 / 003
17/02/12 Page 1 / 2

Nominal voltage	230 V - 50 Hz
Power supply tolerances	207 - 253 V
Number of wires of the cable	3 + earth
Wire section	0,75 mm ²
Protection against electric shock	Class I
Type of limit switch unit	Quick mechanical end limit switch unit with preset & adjustable up and down end limit
Maximum capacity of the LSU	90 turns
Repeatability	± 5°
Degree of protection	IP 54
Interface drawings	5105766 GEO017736 : J4 1TN/2TN/HTM Outside dimensions or GEO109713 J4 1TN/2TN/HTM Outside dimensions medium adapters 5061177 GEO014735 : J4 Shaft adapters 5061180 : J4 Headrail limit switch access 5059174 : J4 Motor in 57 x 51 headrail mounting 5059175 : J4 Motor in 58 x 56 headrail mounting 5061179 : J418 Motor in 78 x 67 headrail mounting
Used Position	Horizontal
Temperature working range	Normal use : -20°C to +70°C Exceptionnal use (Only for J406 & J410) : 500 cycles at -30°C, 500 cycles at +80°C (1 cycle = 2 meters high Up / Down movement with nominal load)
Noise Level	According to SOMFY measurements : Acoustic Power of motor in Up movement with load (nominal torque) at 20 °C in reverberant acoustic room

Information	
	Caution ! In case of very low temperature, or when the motor is cold, adverse reactions can be noticed : reduced speed, louder noise, ...

DESIGNATION	Tests done at 20°C, 230V 50Hz															
	N.m	rpm	mm	mm	mm	mm		mm	mm	mm	W	A	min	kg	dB	
	Nominal torque	Speed with load	L1 max.	L2 min.	L3 max.	L4 max.		L5 min.	L6 max.	Section	Rated power	Rated current	Thermal time	Brake type	Weight (with adapter)	Noise
						Adapters size										
					Long	Med.										
J406 HTM	6	24	254	35	222	306	296	16	265	55 x 58	95	0,4	6	sliding	1,4	52
J410 HTM	10	24	269	35	237	321	311	16	280	55 x 58	110	0,5	6	sliding	1,6	54
J418 HTM	18	24	289	35	257	341	331	16	300	55 x 58	155	0,7	6	sliding	2,3	55



VERKABELUNG		
1	Blaue	Neutraleiter
2	Schwarz	Auf
3	Braun	Ab
PE	Gelb-Grün	Schutzleiter

