



SONESSE 30 DRY CONTACT TECHNICAL DATA

TS - FPTE

Sonesse 30 DRY CONTACT R3

14-Nov-08

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Nominal voltage (Vdc)	24
Power supply tolerances (Vdc)	20 to 32 (regulated)
Thermal protection (minutes)	2.5 (software management)
Motor power cable wires	2 conductors
Motor power cable section (mm ²)	0.2 (or AWG 24)
Motor power connector	JST - 2 pins
Motor power cable length (maximum)	2.5 meters
Control cable wires	4 conductors (2 pair)
Control cable section (mm ²)	0.2 (or AWG 24)
Control connector	JST - 4 pins
End limit adjustment	Software management; Limit set using 3-button dry contact setting tool (ref. 9014599) OR standard 3-button dry contact switch.
Capacity of the Limit Switch Unit	60 turns between limits
Repeatability	+/- 5 degree
Insulation class	III
Motor interface adapters	See Somfy Catalog
Interface drawings	5047193 : "Screw implementation" drawing
Electromagnetic compatibility	CEI 1000-4-2
	CEI 1000-4-3
	CEI 1000-4-4
	CEI 1000-4-5
	CEI 1000-4-6
	CEI 1000-4-8
	EN 55014-1 & 2
Safety & Health compatibility	EN 60335-1 & 2 EN 50366
Temperature working range	Normal use : 0°C to + 60°C
Noise Level	According to SOMFY measurements (Pressure level measured at 1m from the end product).

Integration recommendations

See Somfy installation manual

Note: All data measured at room Temperature (25C) and Nominal Voltage (24 VDC)

Nominal torque (Nm)	Nominal Speed (rpm) +/-2	Stall torque (Nm)	Minimum Tube Inside Ø (mm)	Current at nominal torque (A)	Max Start Current at nominal torque (A) <300ms	Current at stall torque (A)	Weight of motor without cables (kg)	Noise (dBA)					
2	28.0	3.4	31	0.8	1.6	1.6	0.5	44					
17.7 Lb-in		3.1 Lb-in					1.1 Lb						



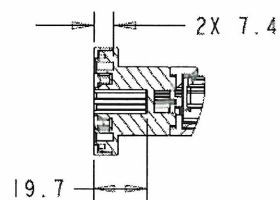
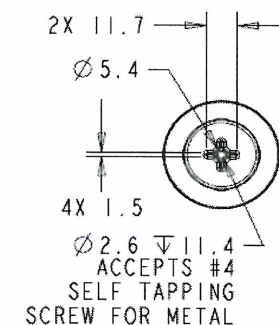
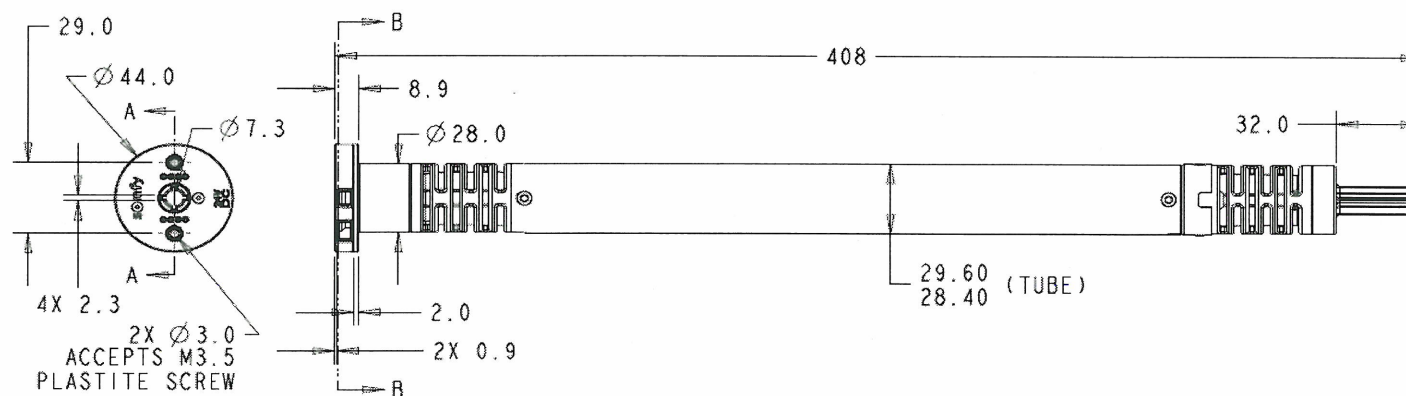
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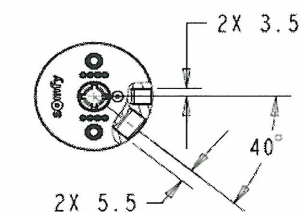
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SECTION A-A



SECTION B-B

R & D		QUALITY	
Name :	Roger Heald	Name :	Sergio Garcia
Date :	14 Nov-08	Date :	14/Nov/08
Signature		Signature	