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Somfy LS40 WT 4/16

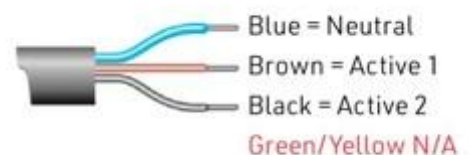


Specification	Details
Item Number/Code	VA.SMFY.1030 #1021504
Head Colour	Black/Orange
Motor Length	416mm
Minimum Blind Width	491mm
Maximum Linked Blind Size	16.8 m ²
Lifting Capacity	12 kg*
Nominal Torque	4.0 Nm
Nominal Speed	16 RPM
Limit Switch Type	Mechanical
Index Protection Rating	IP 44 (for indoor use only)
Sound Level	50 dBa (at nominal speed)
Power Supply	195.5V – 255V
Power Consumption	80W
Thermal Time	4 Minutes
Control Options	AC Switching, Automation System

*NOTE: Maximum Drop = 2.8m

Somfy LS/Sonnesse 40 WT Motor (Wired Technology) wiring:

- Use 3 of 4 core Universal (#9015792/805/806) Molex (NO EARTH)



WT motors CAN NOT be parallel wired, and each motor will need to be wired separately up to an isolated switch (NO dual switching) and then wired to the motor's Molex power cable. We only supply motors and Molex, and your electrician will need to connect the Molex to your control system

Nominal voltage	230 V / 50 Hz
Power supply tolerances	195,5V - 255V / 47 Hz - 52 Hz
Thermal time	4 minutes in accordance with EN 60335-2-97
Number of wires of the cable	3
Wire section	0,75 mm ²
Insulation class	Class II
Type of Limit Switch Unit (L.S.U.)	Progressive limit switch unit
Repeatability	± 15°
Degree of protection	IP 44
Interface drawings	Screw implantation for LS40 mounting 147897 / Wheel interface LS40 147887 / Crown interface LS40 147888 LS40 & Altus 40 head interface drawing 147465
Wheel unclipping force	≈ 7 Kg
Temperature working range	Normal use : -10°C to +40°C Exceptionnal use (20% of the life time not continuously) : -20°C to + 70°C
Noise level	According to ISO 3741 NF 31022 standards : Acoustic power Max value in dB(A) ref 1pW, at nominal torque and between 20°C to 35°C. Max value = Upper limit of the 95% confidence interval on the average value (based on 5 samples).
Used position	Horizontal
Cable weight	0,5 m = 50 g / 1 m = 90 g / 2,5 m = 180 g / 3 m = 200 g / 6,5 m = 400 g / 10 m = 800 g
CE declaration of conformity	http://www.somfy.com/ce/index.cfm

	Nm	rpm	turns	mm	mm	mm	W	A	kg	dBA	
Designation	Nominal torque	Nominal speed	Max. LSU Capacity	L1 max.	L2 (±3 mm)	L3 max.	Rated power	Rated current	Brake type	Weight	Noise
LS40 SHORT 4/16	4	16	20	398	377	414	80	0,39	Spring	0,85	50
LS40 4/16	4	16	40	442	421	458	80	0,39	Spring	0,9	50
LS40 3/30	3	30	40	469	448	485	90	0,42	Spring	0,95	50
LS40 9/16	9	16	40	469	448	485	110	0,52	Spring	1,05	52
LS40 13/10	13	10	40	468	448	485	110	0,52	Spring	1,05	52