

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

WIRING	
Blue	Neutral
Brown	Direction 2
Black	Direction 1

