



24/09/2015

Roll Up 28 WT TECHNICAL DATA

SDEV-CLU-IMPS 61R1

DOC113505 002

Roll Up 28 WT

Nominal Voltage	24V DC
Power Supply Tolerances	20V DC - 27V DC
Electrical Insulation	Class III
Index protection rating	IP 30 - For indoor use only
Temperature range (working)	-10 °C to 75°C
Temperature range (storage)	-20°C to 80°C
Repeatability	+/- 5°
Protection from axis stall	Yes
Lifetime	10 600 cycles; 2m high on a 32mm tube diameter 1 cycle = 1 up/down movement (whether 41 shaft revolutions per cycle) 100 cycles at -10°C, 8 000 cycles at room temperature, 2 500 cycles at 75°C
Noise level	Power Level: according to standards ISO 3741 NF 31022 in dB(A) ref 1pW, max value* at nominal torque (measurement between 20°C to 35°C) *Max value = Upper limit of the 95% confidence interval on the average value (based on 10 samples)
Power Wiring	2 x AWG24
Power Connection	JST Male connector or stripped wire
Minimum distance between end limits	0 output shaft turn
Maximum distance between end limits	60 output shaft turns
Reaction time	290 ms

*Nominal torque, nominal voltage, room temperature (25°C), measurements done on Somfy characteristic bench

Designation	Unit	Nm inch/lb	rpm	rpm	rpm	mA	mA	Nm	mA	mA	kg	dB(A) PW
		Nominal Torque	Up Speed at nominal torque*	Down Speed at nominal torque *	Average speed no load	Up Current at nominal torque	Down Current at nominal torque	Stall torque	Current at stall torque	Current No load	Weight	Noise
		0.8	30	53	42	320	0	3	1000	100	0,26	57
		7	+/-3	+/-3	+/-3	+/-30	+/-10			+/-30		

