



10/10/2019

ILMO 50 WT RANGE 1 TECHNICAL DATA SHEET

TDST DOC015666 001

Nominal voltage	230 V - 50Hz
Power supply tolerances	207 - 253 V
Thermal time	4 minutes for all motors
Number of wires of the cable	4
Wire section	0,75 mm ²
Type of head	Star head
Type of limit switch unit	Electronic
Type of adjusting of the end limits	Self detection of rotation and Automatic ajustement dedicated for Roller shutter with rigid lings and stoppers
Capacity of the LSU	Limited to 3 minutes of rotation
Repeatability	Stop always at the torque detection limit for nominal torque <= 15Nm & less <± 15° torque >= 20Nm
System of protection	IP 44
Interface drawing	Screw implantation for LT50 mounting 206810-Wheel interface LT50 206821-Crown interface LT50 206822- Interface drawing star head LT50 and LT50PA/PS 206823-
End product protection	At the up and down direction
Accessories compatibility	ABS wheel: Not Compatible - Differential: Not compatible - Double insulation accessories : Compatible
Maximun time of functioning without stop	3 minutes
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	Normal use : -10°C to +40°C Exceptionnal use (20% of the life time not simultaneous) : -20°C to + 70°C
Electrical safety	EN60335-1: 2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 / EN60335-2-97: 2006
Health test	EN50366 : 2003 + A1:2006
Electromagnetic compatibility	EN55014-1 : 2006 / EN55014-2 : 1997 + A1:2001 / EN61000-3-2 : 2006 / EN61000-3-3 : 1995 + A1:2001 + A2:2005
Noise level	According to SOMFY measures (for information only).Worse value : in load up direction during 10 seconds.

Designation	Nm	rpm	Reference	mm	mm	mm	mm	W	A	°C	Brake type	kg	dBA	mm	µF
	Nominal torque	Nominal speed		L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Thermal tripping		Weight	Noise	Stator	Capacitor
ILMO 50 WT 6/17	6	17	5051108A	505	490	513	440	90	0,4	140	sliding	1,72	46	35	2,5
ILMO 50 WT 10/17	10	17	5051110A	505	490	513	440	120	0,5	140	sliding	1,85	47	40	3,5
ILMO 50 WT 15/17	15	17	5051113A	525	510	533	460	140	0,65	150	sliding	1,95	48	55	4,5
ILMO 50 WT 20/17	20	17	5051115A	605	590	613	540	160	0,75	150	sliding	2,15	53	70	5,5
ILMO 50 WT 30/17	30	17	5051118A	655	640	663	590	240	1,1	150	sliding	2,55	55	100	7
ILMO 50 WT 35/17	35	17	5051119A	655	640	663	590	240	1,1	150	sliding	2,55	56	100	7

WIRING	Neutral	Blue
	Direction 1	Brown
	Direction 2	Black
	Earth	Green / Yellow

