

DATA SHEET smartdoor TURN T100

T100

LIFETIME

Lifetime	> 500'000 cycles, 2400 cycles/day
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MECHANICAL DATA

Device dimensions 1-leaf	400 x 52 x 72 mm (W x H x D)
Guard locking force according to EN 1154	EN3 (Sliding linkage) EN4 (Scissors linkage)
Max Torque	30 Nm
Weight without linkage	2.4 kg
Noise level	< 30 dB
Opening angle	adjustable, max. 115°
Max actuator speed	40° per second
Range of closing function (unpowered)	5-15°
Motor damping before end stop	5-15°
Hold-open time	1-60 seconds

ELECTRICAL DATA

Low energy mode	according to EN 16005
Suitable in fire for doors	according to EN 16034
Classification of self-closing in case of fire	C5* * in combination with battery, tested with 500,000 test cycles
Supply voltage	AC version DC version
	100-240 VAC, 50-60 Hz 22-28 VDC, 6A
Power supply for external sensors/devices	24 VDC, 0.8 A
Power consumption nominal power	41 W
Power consumption standby	<1 W
Protection class	IP20

ENVIRONMENTAL CONDITIONS

Temperature range	-15°C to +50°C
Relative humidity	< 85%, non-condensing

MOUNTING DATA

Door leaf width	600 - 1200 mm
Door weight	Sliding linkage Scissors linkage
	max 100 kg max 120 kg