

T-1930 e	Technical Data	<p style="text-align: center;">★★★★★ TORMAX AUTOMATIC</p> <p>TORMAX CH-8180 Bülach www.tormax.com info@tormax.com</p>
Area of application	TORMAX 2203, 2203.HB Sliding Door Drive	
Release	21 February 2022	
Use	Planning	

Drive type	TORMAX 2203 Sliding Door Drive TORMAX 2203.HB Sliding Door Drive: Drive with holding brake
Drive system	Electromechanical sliding door operator with DC motor.
Control system	Control Unit 2203 MCU42-COU-G
Mains connection	1 × 230 V, 50 – 60 Hz, 10 – 16 A 1 × 115 V, 50 – 60 Hz, 15 – 20 A
Power consumption	4 – 230 W
Sensor power supply	24 V DC (+0.5 – 1.5V), 1.0 A, battery operated min. 16.5 V
Protection class of drive	IP 20
Ambient temperature	–20 °C to +50 °C, humidity non-condensing
Inputs	24 V DC
Outputs	24 V DC short circuit proof (within power supply 1 A in total)
Reaction time with obstacle contact	> 1.05 s, typically 2.55 s (programmable)
Reaction time with safety sensor	150 ms (50 ms + 100 ms*) * example TORMAX 7501, see T-1781
Sound pressure level	Typically 55 dB(A) at 50 cm/s, depending on door and substructure
Approvals and standards	CE incl. RoHS, REACH EN 16005, TÜV certified UL 325, CAN/CSA-C22.2, TÜV certified EN12100, EN60335-1, EN 60335-2-103, EN 61000-6-2, EN 61000-6-3, EN ISO 13849-1
Safety	PL c / category 2 according to EN 13849-1 Contactless obstacle detection: MTTFd 100 years, PFHd 5.28×10^{-7} 1/h Touchless safety sensors such as the TORMAX 7501 must be checked for their system-specific suitability
Service life	Up to 2'000'000 test cycles with 4000 cycles per day according to EN 16005: 2012
Interfaces	LIN-Bus (USIN-7 / ...), RS232 (Skipper), CAN-Bus (MDM-A/B)
Dimensions	
Cross-section header profile (H × D) EB/ER/EL	100 × 142 mm
Cross-section header profile (H × D) telescope	100 × 204 mm
System length single-leaf EL / ER	min. 1706 mm
System length double-leaf EB	min. 1766 mm
System length telescope double-leaf TL/TR	min. 1331 mm
System length telescope four-leaf TB	min. 2586 mm
Profile lengths	4500 – 6000 mm
Maximum door weights	
Single-leaf EL / ER	≤ 1 × 130 kg / 1 × 1275 N
Double-leaf EB	≤ 2 × 120 kg / 2 × 1177 N
Telescope double-leaf TR / TL	≤ 2 × 80 kg / 2 × 785 N
Telescope four-leaf TB	≤ 4 × 80 kg / 4 × 785 N
	Higher door leaf weights upon request
Opening widths	
Single-leaf EL / ER	800 – 2200 mm
Double-leaf EB	800 – 2900 mm
Telescope double-leaf TR / TL	750 – 3000 mm
Telescope four-leaf TB	1500 – 3800 mm
Min. installation height of drive above floor	no specification
Opening speed	10 – 80 cm/s ^{*)}
Closing speed	10 – 80 cm/s ^{*)} *) depending on door weight and opening width
Force at toothed belt	F = 30 – 200 N