

Specification Text - **TORMAX 2101** Sliding Door Drive

Automatic Sliding Door

Dimensions

Overall width mm
Overall height mm
Passage width mm (800 – 2900 mm)
Passage height mm

TORMAX 2101 Sliding Door Drive

Automatic sliding door drive for single or double-leaf sliding doors.

Door leaf weight: 1 x 70 kg, 2 x 70 kg with 1-roller trolley
1 x 100 kg, 2 x 100 kg mit 2-rollers trolley

Cross section header profile (HxD) 100x142 mm

In compliance with current European standards

(_) Electromechanical sliding door drive with DC motor technology and processor control.

Mains supply 230 VAC/50 Hz

- Protective system IP22, ambient temperature –20 °C to +50 °C.
- Integrated cable duct and integrated concealed sealing brushes.
- Easily replaceable noise-damped guide rail.
- Mounting method: Lintel mounting, wall mounting, ceiling mounting.
- In compliance with guidelines and standards:
CE (2006/95/EG, 2004/108/EG, 2006/42/EG)
EN 16005 – 1 Million test cycles with 4000 cycles /day
EN 13849-1 (performance level “d”)
RoHS

Control System

- Electronic obstacle recognition in closing and opening direction
- Automatic force limitation <150 N, max. speed 70 cm/s
- Emergency operation with creep function or manual operation
- Connectivity for 2 monitored safety sensors
- Operating mode switch (3 operating modes) or user interface (6 operating modes and fault display)
- Connection possibility for external devices such as a key switch, lock, battery
- Easy programming with integrated programming button (by technician) Automatic configuration at one push of the

- programming button. Teach-in for opening and closing speed,
hold open time, reduced
- Soft-Motion, gentle starting and breaking motion without any jolts
- Silent standstill due to motor shut off
- Push & Go function, manual opening without sensor

Door leaves

- Sliding leaf
- Stationary lateral components
- Stationary fanlights, -part

Profiles

- TORMAX Profile System LR 12
Single-sheet glazing
Glazing thickness 6 – 12 mm
Type of glazing: wet, single-sheet/compound toughened safety glass
Facial width 22 mm, base height 80 mm, profile depth 20 mm

- TORMAX Profile System LR 22B
Single-sheet and insulating glazing
Glass thickness dry 8.5 – 10 mm, 21.5 – 23 mm, wet 6 – 28 mm
Facial width 30 mm, base height 78 mm, profile depth 34 mm

- TORMAX Profile System LR 32THERM
Insulating glazing
Glazing thickness max. 32 mm,
Facial width 35mm, base height 85 mm, profile depth 40 mm

- Make.....

Floor guide

- Continuous floor guide in CNS, including glider in the sliding leaf
- Continuous floor guide in aluminium anodised E6/EV1 incl. gliding piece in sliding leaf

Colour of visible profiles

Elox anodising colour

Powder coating RAL

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Glazing

- Single-sheet safety glass 10 mm, heat soak tested
- Compound safety glass 10 mm, with 0.78 mm film
- Insulating glass comprising 2 x 5 mm single-sheet safety glass, heat soak tested, 22 mm Overall thickness, Ug 1.3 W/m²K
- Insulating glass comprising 2 x 6 mm compound safety glass, film 0.78 mm, 22 mm Overall thickness, Ug 1.3 W/m²K
- Double insulating glass comprising 2 x VSG, overall thickness 31.1mm, Ug 1.0W/(m²/K)
- Triple insulating glass comprising 3 x ESG, overall thickness 32mm, Ug 0.8W/(m²/K)
- Make.....

Sensors

Activation

- Radar
- Active infrared
- Passive infrared
- Contact-free hand switch
- Manual hand switch

Safety facilities

- Dynamic safety (with/without testing)
- Static safety (with/without testing)
- Combined detector/alarm (radar and 3D protective light curtain AIR) with testing

Safety assessment conforming to EN 16005 recommended. A declaration of conformity of the door system issued by the launching company (manufacturer) is mandatory in the area of validity of the machine guidelines 2006/42/EG.

Accessories

- 3-position operating mode switch (operation modes OFF, AUTOMATIC, OPEN)
- User interface with 6 operating modes (AUTOMATIC, REDUCED OPENING, EXIT, MANUAL, OPEN, OFF) and fault display, 45 x 45 mm suitable for Legrand system
- Electromechanical lock (bistable lock) with feedback, acting only on hardened holding bolts of the leaf, not acting on the toothed belt or deflection pulley
- Potential-free changeover contact for external lock monitoring

- (_) Direct manual unlocking device
- (_) Lateral manual unlocking
- (_) Lateral manual unlocking with pull bar, operating height at 110 mm
- (_) Battery module for emergency openings in case of mains failure
- (_) Battery module for emergency openings and limited continuous operation in case of mains failure