



TORMAX 1102 – Swing Door Drive



« This **powerful** and **quiet** low energy ADA approved swing door drive opens and closes doors **reliably** providing barrier free access to assist the physically challenged. Its modular design provides an **economic** and **needs-oriented** solution.»

Product Information

TORMAX 1102 – Swing Door Drive



Pair—side load lintel mounted header



Single—side load lintel mounted header



Low profile application—optional slim line cover

Areas of Application

- Designed for a wide variety of market specific applications, new construction, remodel and retrofit applications.
- Models available to automate single, pair and double egress swing door applications. Exterior or interior doors swinging in or out on butt hung, offset or center pivoted doors.
- Ideal for: education, healthcare facilities, hospitality, government buildings, institutions, churches, office buildings, financial, transportation, independent living centers, restrooms, residential and retail stores.

Low Energy Operator

- TORMAX 1102 swing door operator is UL 325 listed and meets or exceeds ANSI A156.19
- ADA approved—low energy barrier free door applications
- UL 10C/NFPA252/ULC S104, & UL 228/ULC S133 listed for smoke and fire door applications for both Canada and United States. Fire rated drive assemblies are available with a 3-hour fire resistance rating.

Mechanical Operator and Controller

- Non-handed electro-mechanical operator consisting of a forged rack and pinion compression spring assembly with a recirculating ball screw
- ¼ HP DC motor
- Internal adjustable full open end stop
- Self-learning microprocessor controller w/on-board digital programming

Door Leaf Size and Weight

- Up to 48" wide × 275 lbs. (1219 × 125 kg)

Wind Loads

- 16mph (25km/h)

Integrated Functionality

- Low energy operation (force < 15 lbf)
- Three operating modes (on-off-hold open)
- Power open, spring or combined spring & power close
- Power boost close and hold
- Push pull activation
- Sequential operation
- Power-assist functionality motor provides assistance with manual door opening
- One on-board input for activators
- One on-board input for safety
- One on-board output for door open or closed position status
- On-board 24 VDC power supply (1.8A max. for 3 seconds, 1.5A continuously)
- Emergency operation with battery unit

Extended Functionality with Power Door Module (PDM)

- Three additional safety inputs

Extended Functionality with Exterior Door Module (EDM)

- On-board 24 VDC output @ 1A for electric strike or magnetic lock or NO/NC dry output contacts
- On-board input for key switch
- One additional activation input
- Interface for programmer and FW updates

Aluminum Casing

- Side load lintel mounted header
4 9/16"H × 5"W × 31 1/2"L (116H × 128W × 800L)
- Optional slim line cover
3 3/8"H × 5"W × 31 1/2"L (85H × 128W × 800L)
- Optional full door width header and slim line cover available
- Available in clear and dark bronze class I anodized finish (other anodized finishes, painting and metal cladding available upon request)

Mains Connection

- 115 VAC 60 Hz

Accessories

- Upgrade modules (PDM and EDM)
- Battery back-up
- Door sequencing
- Interlocking
- Manual controls, activation and safety sensors