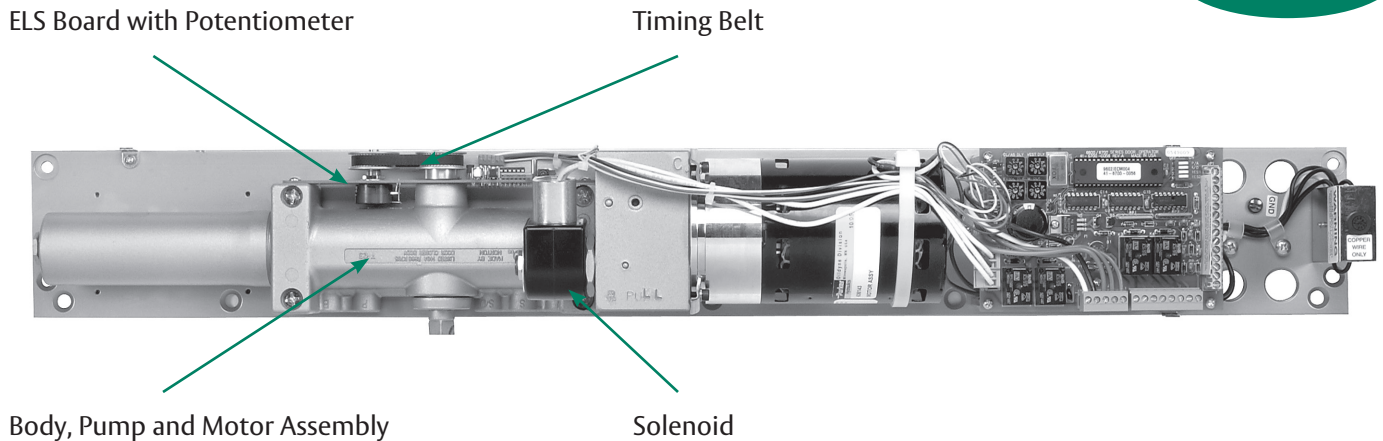


OVERVIEW



FUNCTIONS

The Norton PowerMatic fully complies with ADA requirements and is ANSI/BHMA A156.19 certified. The unit functions using an A/C motor and hydraulic pump to activate a heavy-duty hydraulic door closer controlled by an Electronic Control Module (ECM) board. The PowerMatic is an excellent choice in a low energy power door operator with its:



- Ease of installation and setup
 - Simple instructions
 - Uses push-button settings for door open and door close positions
- Application versatility and ease of adjustment
 - Handed units
 - Push- or pull-side mounting
 - Interfaces with electric hardware and integrates with access control systems
- Operates as mechanical surface closer during close cycles or if power is turned off
 - Critical for fire-rated doors
 - Spring force provides the feel of a normal manual door closer
 - Door can be opened manually if desired
- Operation startup options
 - Wall switches
 - Motion sensor
 - Radio frequency device
 - Push and Go
- Hold Open options
 - 0-30 seconds (5 seconds minimum required for ADA and ANSI A156.19)
 - Choice of indefinite hold open features
- Obstruction Detection
 - Door closes if it hits an obstruction while opening
 - Door re-opens once if it hits an obstruction while closing
- Power Operator
 - When unit is activated door travels to open position
- Power Assist
 - When unit is activated, pump and motor allow door to be manually opened with a force less than 5 lbs.

GUIDE

Operator Type	Safety Equipment Required to be BHMA Compliant	Common Applications
Low Energy	Signage (included with unit)	(Low to Moderate Traffic) Executive Offices, ADA Dorm Rooms, ADA Hotels, Retirement Homes, Educational or Assisted Living Facilities, Office/Warehouse Corridor Doors, ADA Auxiliary Entrances, ADA Accessible Restrooms, Fire Doors
High Energy	Guide Rails, Safety Mats, Sensors & Signage	(High Traffic) Hospital Emergency Entrances & Operating Rooms, Airport Entrances, Large Office Building or Department Store Entrances


FEATURES

- Norton 7500 series door closer
 - Adjustable spring power
 - Backcheck valve
 - Backcheck position valve
 - Sweep valve
 - Latch valve
 - Speed control valve
 - Pressure adjustment valve
- Left or right hand
- Drop plate for low ceiling applications
- Push-side or pull-side applications
- Power Assist selector switch
- Push and Go selector switch
- Open/close obstruction detection
- Motor startup delay adjustment
- Vestibule function delay adjustment (For sequencing two or more units)
- Door hold open delay adjustment
- Single Pole Double Throw (SPDT) relay output
- SPDT relay output time adjustment
- SPDT alarm output
- Blow open function for smoke ventilation
- Indefinite hold open function
- Presence detector input
- 24 VDC @ .5A output
- Selector mode switch (3 position)
 - OFF – Disables signal inputs except blow open. Unit still powered.
 - ON – Activates signal inputs for normal use
 - HOLD OPEN – Activates the unit to the hold open position indefinitely
- Dummy unit - includes the 7500 closer body, arm assembly, PowerMatic® cover and backplate.

ELECTRICAL DATA

- Power input 120 VAC, 60 Hz (+10%, -15%)
- Current draw 1.5A
- Auxiliary output 24 VDC @ .5A
- SPDT relay output for controlling electric strikes or electric locks not to exceed 1 amp @ 30 VDC

CERTIFICATIONS

- Meets requirements for UL10C and UBC 7.2 for positive pressure
- 2-year warranty (refer to current price list, terms and conditions)
- Americans with Disabilities Act (ADA)
- ANSI/BHMA A156.19 certified 
- UL Listing: Listed for use on fire and smoke barrier door assemblies when the 120VAC (60Hz) power input is supplied through the normally closed alarm contacts of a compatible U.L. listed alarm system or alarm panel.
- C-UL US listed for use on fire and smoke barrier doors
- California State Fire Marshal: 3550-944:109