

550-0100 Compact Style Power Lock Actuator



Bellow Style



TriMark's Power Lock Actuator is now available in both 12V and 24V versions. It has been tested and validated to meet stringent performance requirements thus insuring a long life of trouble free operation.

DESIGNED FOR:

- TriMark handles and latches equipped to accept a power lock actuator that provides a push/pull function and a clutch that allows for manual override with a key

Wiper Style



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FEATURES/BENEFITS:

- Reliable and durable to high cycle counts in various environmental extremes
- High impact case design
- Long travel distance - .83" (21mm)
- Each actuator is tested to 10.0 lbs./44.5N - maximum output force is 13.5 lbs./60N. It is recommended that a minimum load of 2.5 lbs./11N be applied in the application for maximum product life.
- Motor is equipped with 12V or 24V thermal protection for excessive heating due to extreme usage such as rapid, frequent operations or sustained activation, which can cause premature motor failing or motor seizing
- Motor varistor for electrical transient noise reduction
- Actuator is equipped with a clutch mechanism for soft starts/stops and allows for manual override with key
- Includes a rotatable/detachable tip for ease of application
- 20 gauge, UL 1007 compliant
- Product complies with FMVSS 302/ISO 3795 flammability requirements

AVAILABLE:

- 12V/24V versions
- Available in either a bellows or wiper style plunger
- Wiring options: blunt ends, bullet connectors, spade or Delphi connectors (please inquire)
- Possible customization available to include special connectors, custom wire length and kitting options. Please contact TriMark for more information.

INSTALLATION:

- TriMark power actuators are easy to install either by integrating or mounting directly into available TriMark latches or handles
- 12V supply (9-16 VDC), or 24V supply (18-32 VDC)
- Each actuator can draw up to 4.9A (12V) or 2.2A (24V) (nominal) of current - proper sized and located circuit protection is required at triggering device (switch/relay) that controls the actuator

Individual part dimensions are for reference only. Refer to individual part drawings for complete dimensions, specifications, and installation procedures. Engineering assistance and application drawings are available.

U.S. Patent No. 10,087,662

For more information visit
www.trimarkcorp.com

