



Power Door Opener and Interlocked Combat Lock for Military Vehicles

Applications.

Powered actuation and combat locking of up-armored military vehicle doors.

Requirements.

- Reliable, error-free powered operation
- Combat lock engages after door is closed completely
- Backup battery operation, quick manual release
- Eliminate problems, leaks, contamination and heat of hydraulic systems
- Long life with low/zero maintenance
- Fast, global availability of replacement parts
- Reliable supplier with long history of military experience

Solution.

Our solution features a custom configuration of two Thomson Electrak® linear actuators, interlocking control, and combat lock assembly.

Electrak Linear Actuators.

Built in North America and Europe as commercial-off-the-shelf (COTS), modified standard and complete white paper designs, Thomson Electrak actuators benefit from over 40 years of product development and application expertise.

Our actuator team has solved over 10,000 tough application challenges. Thomson builds more custom actuators than any other manufacturer globally. Our reputation stands as the most rugged, most reliable electric linear actuator you can buy for mobile off-highway, agriculture, construction and military vehicle applications.

Worldwide support.

You can count on Thomson for worldwide sales, service, application support and local availability through our network of over 2,000 distributors.

FULLY INTERGRATED POWER DOOR OPENER/COMBAT LOCK

- Door opener interlocked to limit switch on combat lock – will not operate with combat lock engaged, eliminates binding of the door or damage to vehicle
- Quick release pins open combat lock and door manually in case of power failure
- Emergency battery backup optional for use when main vehicle battery is inoperative or power cable is damaged
- Electric operation of the power door opener removes hot, high-pressure hydraulics from the interior of the vehicle. No chance for leaks or contamination of a hydraulic system.



www.thomsonlinear.com

201005-01 PDF SYM 12/2010 USA
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Linear Motion. Optimized.