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Electro-magnetic Shear Lock EM-SL705

Description:

Concealed security for remote access and exit control of aluminium and steel doors or gates. The Shear Electro-magnetic lock is designed to be morticed into the door and frame. Works with sliding, single-action, and double-action (swing-through) doors and gates. Plated steel plugs and magnetic bond holds doors securely in place with approximately 2,700 pounds (1,227kg) of shear holding force.

EM-SL705 12/24vdc Shearlock

Specification:

Magnet housing dimensions (faceplate) — $10^1/_2$" x $1^3/_8$" x $^1/_4$" (268 x 35 x 6 mm).
Magnet housing dimensions (cavity) — $8^5/_8$" x $1^3/_8$" x $1^1/_{16}$" (219 x 35 x 27 mm).
Armature assembly dimensions (faceplate) — $10^1/_2$" x $1^3/_8$" x $^1/_4$" (268 x 35 x 6 mm).
Shallow design for use with most metal doorjambs.
Nickel-plated magnet and armature, and black powder coated housings.
Power requirements: 12VDC (1.8A pull, 500mA to hold) or 24VDC (1.0A pull, 350mA to hold).
Maximum door gap: $^1/_8$" (3mm).

- Fail-safe operation (unlocks if power is lost).
- Internal adjustable door position switch prevents locking until the door has come to rest.
- Magnet and dry read contact switch determine door position for positive locking.
- On-board adjustable door lock delay timer (2 to 6 seconds).
- Armature plate adjusts to compensate for gaps between door and frame.
- Door open/close relay output (NO/C/NC, SPDT, 1.0A @ 24vdc), for remote lock status monitor.
- Adjustable shear pin.
- Vertical or horizontal operation
- Compatible with all access control systems.
- CE approved.

NB. Care should be exercised when choosing the lock power supply. The running current of this lock is approx. 500mA @ 12vdc. The kick-in or starting current can be as high as 1.8 Amps for 8 seconds. Please refer to the section "Power requirements" above or call A.J.B. Project Services Ltd for advice.