

AEM/SHEAR Range Mortice Shear Electro-Magnetic Locks

AEM/SHEAR mortice shear electro-magnetic locks provide a stronger holding force due to a central shear pin. They can be installed on various kinds of doors, such as aluminium, wooden, steel or exit doors.

Designed for flush fixing into the frame and door with optional surface housing for narrow door thickness. In the event of a power failure the lock will release (fail safe option). There is also an adjustable 1-6sec timer to allow the door to close before the power is applied



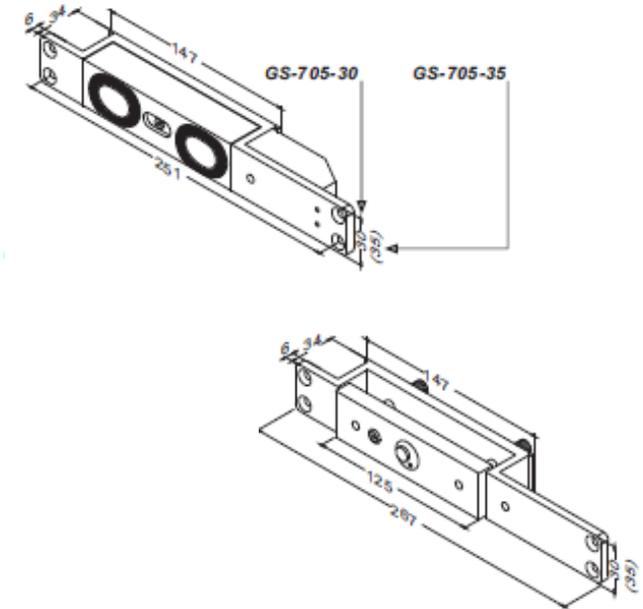
Features & Benefits

- Holding force up to 2,200lbs
- 12/24V DC Input voltage
- Powerful shear holding force provides high security
- Suitable for single or double swing doors
- Optional housing for surface mount installation
- Horizontal or vertical installation
- Anti-residual magnetism design

Stock Code	Description
AEM/SHEAR-30	GS705-30 Mortice Shear Electro-Magnetic Lock 12/24V (Monitored) – 30mm Wide
AEM/SHEAR-35	GS705-35 Mortice Shear Electro-Magnetic Lock 12/24V (Monitored) – 35mm Wide
AGS705/SUR	Surface Housing to suit AEM/SHEAR

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Technical Information	
Operating Voltage	12-24V DC
Current Draw	12V DC – Pull in:1.9A, Holding: 0.55A (Note: Min 3A PSU Required) 24V DC – Pull in:1.2A, Holding: 0.35A (Note: Min 2A PSU Required)
Magnetic Bond Sensor Monitor Output	(SPDT rated 1A/30V DC) Indicates the locked or unlocked status Locking time delay: 1-6 seconds adjustable
Operating Temperature:	-30°C~+55°C Humidity: 0~95% non-condensing.
Shear Holding Force:	AEM/SHEAR-30 – 2000lbs, AEM/SHEAR-35 – 2,200lbs
Special finishes for magnet and armature plate	Zinc plated
Door Gap (Between the lock and armature plate)	3mm (1/8") maximum. (Between the lock and armature plate housing)
Net Weight	AEM/SHEAR-35: 2.2Kg, AEM/SHEAR-30: 1.8Kg



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