Mini Electric Door Magnet

24v DC





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The Mini Electric Door Magnet is a simple electrical locking device consisting of an electromagnet and armature plate.

Designed to operate with the SE Controls tested solutions range of folding arm actuators it provides increased security and additional locking performance for end of corridor and top of stair doors that are automated for both life safety smoke extract ventilation and access applications.

Applications

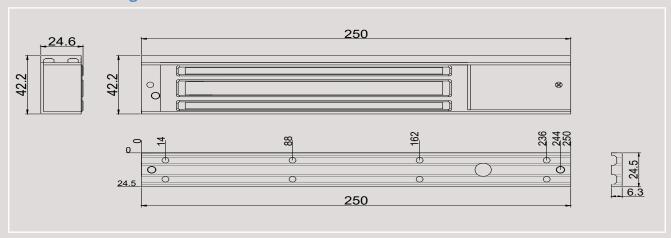




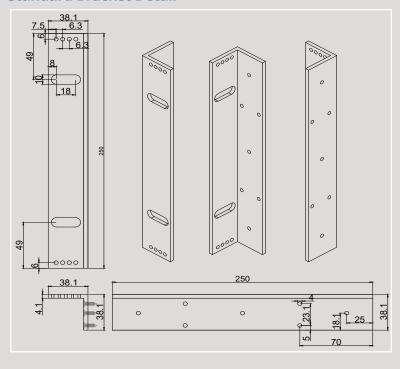
SE Controls supply this high-quality lock which has the following features:

- Working voltage 24v DC
- Surge and spike protection PCB
- Low current consumption
- Electrical circuitry protected against vibration and moisture ingress ensuring reliable operation
- Retaining force up to 272KGF
- Anti-tamper jam nuts
- Suitable for internal use, either surface mounted or side mount fitting on uPVC, timber, or metal doors
- Silent operation

Technical Drawing



Standard Bracket Detail



Technical Data

Voltage (±5%)	24v DC
Current Draw	24v / 240 mA (±5%)
Holding Force	Up to 272 kg (600lbs)
Anti-Rust Surface	Blue Zinc Plating
Operating Temperature	0-55°C (32-131°C)
Operating Humidity	0-95% (Non-Condensing)
Weight (Magnet)	1.08kg (±1%)

Product Code

Mini Electromagnet	AFSI4000MAG
Unmonitored	

Bracket Code

Mini Z Bracket	ABD00U300ZL
Mini L Bracket	ABD00U300AL

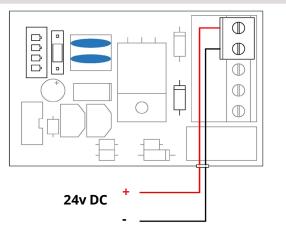
Application Focus

Combined AOV and Access Door



Where access is required from a corridor or escape stair, a combined AOV or Access Door is utilised. Compliant to EN12101-2 the door can operate freely on a concealed closer for day-to-day access and the actuator will engage to automate the door open in a fire condition. A locked solution for increased security is also possible via the addition of maglocks.

Wiring Information



NB: The Mini Magnet requires control from a compatible low voltage unit such as an OS2 SHEVTEC controller or a NVLogiQ™ PSU.