

Specification Statements FSH Products

1. Mechanical Electro Magnetic Lock MEM2400LP for **Outward Opening** Hinged Doors

"The Mechanical Electro Magnetic locking device must be equal to the FSH model MEM2400LP in all respects. The device must be provided with a 5 year warranty and fire tested up to a 4 hour fire resistance rating to both Australian and British Fire Test Standards. The locking device must incorporate magnetic and mechanical design principles to achieve a holding strength of up to 1000kg at a maximum size of 158mm in length, 35 mm in height and 30 mm in depth to avoid interference with BCA door clearance regulations. It must be capable of accepting either 12 or 24VDC.

The device must provide an Anti Tamper Bracket to prevent hostile attacks on the fixing bolt (dome nut) of the armature plate. It also has to feature a long distance visibility indicator Light Panel (LP) to indicate the lock status.

The locking device must also provide 3 forms of monitoring:

- Monitoring of the internal locking mechanism (Lock Status Sensor) which monitors by hall effect sensor the locking device itself (locking pin engaged or disengaged).
- Monitoring of the door status (Door Status Sensor) Which monitors the door position by magnetic reed switch within the armature plate and locking device (door open or door closed), providing switching of normally open dry contacts for remote alarm Indication
- EARLY WARNING (EW) Contacts to supply a local or remote alarm indication on initial pressure being applied to the door