

PRODUCT FSH2500

ELECTRO MAGNETIC SHEAR LOCKING DEVICE SINGLE
DOOR MONITORED MORTISE MOUNT



FSH2500

PRODUCT DESCRIPTION

FSH shear locks are an evolutionary product based on the proven EML concept, designed for applications where the door swings up to a 180° degree arc.

Whilst a standard EML provides a tensile force, a shear lock differs as it resists a shear or sliding force. When the shear lock detects the door in the closed position, the magnet "sucks" the armature plate up by up to 5mm and traps the armature in the lock body frame.

Despite the small size of the FSH shear lock, it is capable of resisting up to 250kg of shear load. The shear lock accepts voltages from 12 to 24VDC.

TECHNICAL DETAILS

PART NO.	FSH2500
HOLDING STRENGTH	Up to 250kg holding force
VOLTAGE/CURRENT	at 12VDC x 1A (in-rush) 200mA (normal) at 24VDC x 0.5A '100mA'
MONITORING	Lock Status Sensor LED indicator
SIZE	Shear Locks series magnet size: L= 166 x W= 31 x D= 21mm Shear Locks series armature plate size: L= 166 x W= 26 x D= 31mm

PRODUCT FEATURES

- Up to 250kg shear holding force
- Lock status monitoring
- 2 year warranty
- Low holding current
- Multi Voltage 12 to 24VDC
- 4 hour fire rated