

PRODUCT INFORMATION

ELECTRO MAGNETIC SHEAR LOCK SINGLE DOOR, 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 through 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 magnet face. 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.

PART No.	FSH2500
HOLDING FORCE	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
WEIGHT	0.7kg
UNITS PER BOX	10 per box (7.5kg)

Common Features

- ◆ Up to 250kg holding force
- ◆ Lock status monitoring
- ◆ Easy installation
- ◆ 2 year warranty
- ◆ Low holding current
- ◆ 12 to 24VDC