

**PRODUCT ECO5700HS**  
 HIGH SECURITY POWER SAVING ELECTRO MAGNETIC LOCKING DEVICE EcoMag™



**PRODUCT DESCRIPTION**

The patented ECO5700HS model is a high security power saving Electro-Magnetic Lock with an individually encoded addressable armature plate. The lock will only recognize its own armature plate to prevent the device from being compromised by false plates.

Under normal, non-alarm conditions, the ECO5700HS "EcoMag" operates in a low current 'Sleep-Mode' of 70mA@24V with a holding force of 300kg. In the event of an unauthorised attempt to open the door, the ECO5700HS "EcoMag" "wakes up" and goes into an Alarm Mode with full current of 300mA@24V applied to the device, instantly increasing the holding force to up to 680kg.

The EcoMag operates on multi voltage 10-26VDC, provides an Early Warning (EW) signal output, has a built-in local Alarm Buzzer, with full monitoring of Lock Status & Door Status and long distance Light Panel indicator.

ECO5700HS

The device is provided with the FSH patented Anti-Tamper-Plate as standard.

**TECHNICAL DETAILS**

PART NO.	ECO5700HS
FUNCTION	Power To Lock (Fail Safe)
HOLDING STRENGTH	Up to 680kg in "Alarm-Mode" 300kg in "Sleep-Mode"
VOLTAGE/CURRENT	Multi Voltage 10-26VDC Sleep-Mode: 12VDC=140mA/24VDC=70mA Alarm-Mode: 12VDC=600mA/24VDC=300mA
MONITORING	Addressable Armature Plate Door Status Monitoring Sensor (DSS) Lock Status Monitoring Sensor (LSS) Early Warning Signal Output and Local Alarm Buzzer (EW) Long Distance Light Panel (LP)
SIZE	Magnet: L= 268 W= 40 D= 73mm Armature Plate: L= 209 W= 6.2 D= 66mm

**PRODUCT FEATURES**

- Truly Green product
- Door and Lock Status Monitoring Sensor (DSS & LSS)
- Early Warning signal output and local alarm buzzer (EW)
- Multi Voltage 10-26VDC low power consumption (70mA@24VDC Sleep-Mode)
- Long distance Light Panel (LP)
- Addressable armature plate
- Zero residual magnetism
- Anti-Tamper-Plate

## PRODUCT DIMENSIONS AND INSTALLATION

