

Crosspath Services Features LFS-12 Door Interlock & Attack Detector

The LFS-12 Door Interlock & Attack Detector is fitted to the door of an ATM (Automatic Teller Machine) or Safe and serves as a secondary door locking mechanism with monitoring status and a unique attack detection capability. It comprises an electro mechanical interlock device with an integral attack detector housed within a robust steel enclosure. This combination offers controlled access to the opening of the Safe/ATM by an authorised user, together with sophisticated attack detection. The advanced signal processing analyser of the attack detector monitors for structural noise and deformation within its area of detection on the ATM / Safe door that may be caused by drilling, angle grinding and heat cutting appliances or by gross attack.



The LFS-12 includes a hasp, incorporating a sealed magnet; which is fitted to the flange of the ATM/Safe abutting the door and is concealed under the cover of the LFS-12. To gain access to the ATM/Safe the IDS (intruder detection system) is configured to output 12V DC for authorised access by the user, via the button on the front of the unit. This activates the electric release bolt, the slide is then manually withdrawn and the ATM/Safe door can be opened. The status of the door is monitored by an integral reed switch. The LFS-12 is fully tampered front and rear and is manufactured in heavy gauge steel to help deter prohibited access.

Alarm outputs:

Two solid state relays, normally closed (contacts rated 0.1A, closed contacts resistance 50 ohm).

Relays are fail safe. One relay for the minor deformation detection channel, the other for high frequency stress change and major deformation

Alarm outputs are configured to the detection requirements of the application.

Complies with the Security Grade 3 requirements of EN 50131-1:2006

Complies with the EMC requirements of EN 50130-4:1996

Complies with the requirements of BS4737: 3.0:1988 Sections 3.1 – 3.5, 4, 5, 7, 9, 10

Complies with the requirements of BS7042: 1988: Sections 3.2.1, 5.5, 10.3.2, and 10.3.4

CROSSPATH SERVICES LTD

L.F.S.®

LOW FREQUENCY STRESS DETECTION

Crosspath/Xtra-Sense Ltd. does not assume liability arising out of inappropriate or misuse of this product . The installer of this product should ensure the level of detection is adequate for the purpose and should consider all options of additional protection in consideration of all relevant risks.