

Crosspath Services LFS-13 Features Door Interlock & Attack Detector

The LFS-13 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 and a range monitor housed within a robust steel enclosure. This combination offers controlled access to the opening of the Safe/ATM by an authorised user, together with detection of unauthorised approach, and 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-13 includes a hasp or keeper, incorporating a magnet; which is fitted to the flange of the ATM Safe abutting the door and is partially concealed under the cover of the LFS-13. To gain access to the ATM Safe the IDS (intruder detection system) is configured to provide an output for authorised access by the user, via the push light on the front of the unit which confirms safe access and also activates the electric release bolt in the housing to enable the ATM/Safe door to be opened. The status of the door is monitored by an integral reed switch. The LFS-13 is fully tampered front and rear and is manufactured in heavy gauge steel to help deter prohibited access.

The LFS (Low Frequency Stress) Attack detector series, outputs an alert after analysis of the pressure and noise generated within the structure of the protected area, virtually ignoring localised noise and general vibration. The combination of the following conditions are detected by the analyser.

Pressure	A minor deflection or deformation
Noise	High frequency stress changes
Heat	A significant semi-permanent or permanent deformation
Time	Each of the above conditions has a time frame pre-set
Pre-Alert	Approach to the safe/ATM via the range finder setting or ATM front door cover opened
Gross Attack	Explosions or significant movement of the protective material will generate two or more of the above conditions

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/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.

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