



The LFS 5,6,7,& 8 offer a variety of options to prevent unauthorised access to open the door of the safe when the alarm is set. Authorised entry is initiated on a signal from the control unit, or remotely to allow access. The LFS units comprise of an internal solenoid and local indication to confirm authorised access. All but the LFS 5 have an integral contact to verify open and closed status of the door. Each unit has installed the LFS Attack detector inclusive of rear and cover tamper switches.

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.

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| <ul style="list-style-type: none">  Solenoid  Door Status  Pressure  Noise  Heat  Time  Gross Attack | <ul style="list-style-type: none"> To restrict the key holder access when alarm is set Open or Closed A minor deflection or deformation in the arear of detection High frequency stress changes in the area of detection A significant semi-permanent or permanent deformation Each of the above conditions has a time frame pre-set. Explosions or significant movement of the protective material will generate two or more of the above conditions. |  |
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A combination of any two of, pressure, noise or heat will generate an alarm condition. The only adjustment that can be effected in the field is the sensitivity, the LFS sensitivity cannot be switched off completely, therefore, always

-  **Key Advantages of the LFS Detector Series**
-  Extremely high level of immunity to false alarms.
-  Offers a range of possible alarm output conditions.
-  Straight forward to set up, and requires minimal adjustment.
-  Fitted to ATMs, safes, teller assist units, strong room doors.
-  Straightforward fitting on installation.
-  Can be left armed during refurbishment works.
-  Reduces staff and third party cost, of false alarms.



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.