

LFS-1-W Features: Attack Detector Doors

- Unique Detection Method of Attack
- Dual Single Output Options
- Straightforward Install
- Insignificant False Alarm Count
- Installed Within all Major UK Banks
- Reduced Cost of False Alarms
- Retains Integrity of the IDS



- Steel Doors
- Fire Doors
- Security Doors
- Strong Room Doors
- ATM Pod Doors
- AC & Utility Ducts
- Fire Exit Doors
- All Doors Fire Standard +



Simulated forced entry tests to BS Standards on Steel and wooden re-enforced doors. Gross attack confirmed

Unique Detection Method combining the following conditions:-

- Pressure** A minor deflection or deformation of the door. This may be caused by a blow from a hammer sufficient to cause a small semi-permanent or permanent deformation, the force of a drill bit or grinding wheel pushed against the door, or heating of the door.
- Noise** High frequency stress changes, above a minimum threshold level, transmitted through the door caused by a drill, grinding wheel, or very rapid hammering on the door. To avoid false alarms, this condition is only considered a potential alarm condition if these stress changes are detected for a predetermined period.
- Heating** A significant semi-permanent or permanent deformation of the door caused by a high impact, or strong heating from cutting equipment such as oxy-acetylene, or even an angle grinder, if this condition is detected, condition P (minor deformation) will also have been detected.
- Outputs** 1. Minor deformation channel, 2. High frequency stress change channel.
Alarm outputs are configured to the detection requirements of the application either singular or together.
- Application** The LFS Range of products can be applied to numerous types of steel doors and wooden doors subject to quality ideally fire standard or better.
- Installation** Each LFS is supplied with fixing materials, template and engineering instructions.
- Pedigree** Installed for financial institutions, major clearing banks and commercial sites.
- False alarms** Extremely low virtually insignificant.



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.
 All Specifications are subject to change without prior notification.

Crosspath/Xtra-Sense 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.

