



# ANTI-VANDAL EQUIPMENT SMART+SHIELD



SMART+SHIELD

## DESCRIPTION

The SMART+SHIELD offers a simple cost effective solution to the misuse of emergency exit doors. Adopting the universally recognised 'NO ENTRY' sign, the SMART+SHIELD is a visually effective deterrent which is supported by an acoustic security alarm of 95 dB.

The SMART+SHIELD has been designed specifically to secure emergency exit doors. It is completely self-contained and is easily installed and protecting emergency exit doors in seconds.

The SMART+SHIELD is also available for application with panic bars, push bars and multipoint locking systems. While most of the features are identical for each of these applications, the SMART+SHIELD for panic bars and push bars have an integrated pre-alarm. Ultimately, in the event of an emergency, means of escape can also be obtained by exiting via the emergency exit door.

## FEATURES

- Multiple functions for different applications
- Powered by 9 V battery or 12 V DC external power supply
- Automatic alarm switch-off after 30 or 180 seconds
- Two different audible levels – 75 dB / 95 dB
- Delayed alarm to ensure that emergency exit doors do not stay open
- Silent alarm in combination with a central alarm system
- Connections are provided to allow integration with remote systems
- Visually effective deterrent

## SPECIFICATIONS

- Dimensions W x D:  
200 x 60 mm
- Battery monitoring
- Tamper Alarm
- Potentially free relay contact:  
30 V DC / 0.5 A max
- External Key Switch input for override/  
control from remote location
- External activation input for second door  
contact



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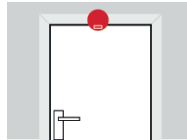
## SMART+SHIELD



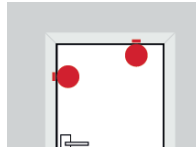
The SMART+SHIELD is designed to monitor the use of emergency exits and windows.

As soon as they are opened an acoustic alarm is triggered, which can be reset by the key switch.

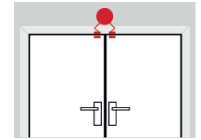
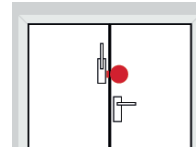
The user may choose to automatically switch off the SMART+SHIELD after 30 or 180 seconds. The alarm can be reduced by adjusting the setting of the DIP switch to 75 dB.



■ Installation flush with door leaf

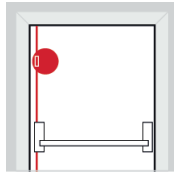


■ Installation flush on door leaf



■ Installation next to door – external cable reed contact

## SMART+SHIELD (FOR MULTIPOINT LOCKS)



The SMART+SHIELD can also secure a door with a vertical panic bolt.

By fitting a security device on the vertical panic bolt, the SMART+SHIELD creates a strong visual link with the door hardware.

This increases the effectiveness as a deterrent.

## SMART+SHIELD (FOR PANIC BARS)



The SMART+SHIELD for panic bar application is mounted on the door.

Should the panic bar be pressed by a minimal force, a pre-alarm is triggered. The pre-alarm is silenced upon release of the panic bar. In the event of the panic bar being pressed fully, the main alarm resounds, the pins of the patented red upper plate break and the red trigger angle falls in a downward direction. The integrated key switch is turned clockwise in order to reset the alarm.



## SMART+SHIELD (FOR PUSH BARS)



The SMART+SHIELD for push bar application is mounted on the door.

Should the push bar be pressed by a minimal force, a pre-alarm is triggered. The pre-alarm is silenced upon release of the push bar. In the event of the push bar being pressed fully, the main alarm resounds.

The integrated key switch is subsequently used to reset the alarm.



## ORDERING INFORMATION

Product Code	Product Description
SF-SS-SM960	Smart+Shield, Standard Model
SF-SS-ML961	Smart+Shield for Multi-Point Locks
SF-SS-PA950	Smart+Shield for Panic Bars
SF-SS-PB955	Smart+Shield for Push Bars

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