Technical Data







714j/05

Specification 17 to 32 Vdc Supply Voltage Cable size 0.5mm² ~ 2.5mm²/FIRETUF, FP200 or MICC Standby current < 320 µA Sound output @ +/-3d8 (set by panel) Low volume: 87dB @ <2mA Medium volume: 93dB @ <3mA High volume: 100dB @ <6mA Environment Category CAS381, MAS850LPS, FXN538LPS Type A - IP21C -10°C to +50°C (95%RH) Environment Category CAS381WP, MAS850LPSWP, FXN538LPSWP Type B - IP33C -25°C to +70°C (95%RH) Compliance EN54-3 Fire Alarm Device - Sounder, EN54-17:2005

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SHULL	Circuit	Isolators

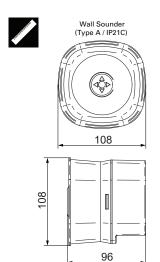
Tones (set by panel)*

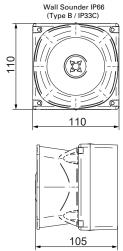
Each of the sounder beacons in this range contain an integral short circuit isolator, which operates between the - VE COM IN terminal and the -VE COM OUT terminal (terminals 1 & 2; see base wiring diagram). The isolator operates in conjunction with a compatible addressable Control Panel when a low parallel resistance fault of typically 200 is presented between the +VE and -VE of the loop wiring

Short Circuit Isolation Data (Integral with each Sounder) Total Loop Resistance for correct operation of short circuit isolator Parallel Fault Resistance to be seen at the 200Ω (typ) Control Panel for isolators to open Continuous Current allowable through isolator 700mA (max) Isolator Resistance in closed state 0.26Ω (max) Leakage Current into direct short circuit with 14mA (max) isolator open Voltage at which isolator changes from open 3.8V to 11V to closed or closed to open state Maximum switching current of isolator 1.5A

	Order Codes
Addressable Wall Sounder - Cooper	CAS381
Addressable Wall Sounder IP66** - Cooper	CAS381WP
Addressable Wall Sounder - Menvier	MAS850LPS
Addressable Wall Sounder IP66** - Menvier	MAS850LPSWP
Addressable Wall Sounder - JSB	FXN538LPS
Addressable Wall Sounder IP66** - JSB	FXN538LPSWP

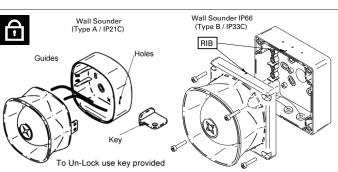
- Note: Polar dispersion information available in the Technical manual (Ref:M05-011)
- Manufacturer's declaration Pulsed tone not approved to EN54-3





Continuous 984Hz , Pulsed 984 / OHz pulse 1Hz***,

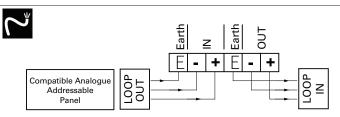
Two Tone 644 / 984Hz @ 1Hz cycle , Slow whoop 500-1200Hz in 3.5 seconds / 0.5secs gap



- (i) Clip sounder onto base (ii) Ensure cables do not put stress on the PCB
- (i) Location ribs must align on base and sounder (ii) Ensure cables do not put stress on the PCB (iii) Bolt Sounder to base

Wall Sounder Wall Sounder IP66 (Type A / IP21C) (Type B / IP33C) 97 Use these four 62 IP66 integrity Drill position for rear cable entry Drill position for glands (i) Drill required holes for cable gland fixing

- (i) Drill required holes for cable gland fixing (ii) Drill out the required fixing holes
- (iii) Fix to mounting surface using two suitable screws
- (top or bottom) and ensure cables are correctly sealed for IP33C and IP66 integrity. (ii) Fix to mounting surface using four suitable screws
- All products meet minimum requirements of IP33C in accordance with EN54-3



WARNING Do NOT use high voltage testers if ANY equipment is connected to the system. Earth screen must be continuous along entire length of loop

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