

Technical Data



	Specification
Supply Voltage	17 to 32 Vdc
Cable size	0.5mm ² ~ 2.5mm ² / FIRETUF, FP200 or MICC
Standby current	< 320 μA
Sound output @ +/-3dB (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
Tones (set by panel)*	Continuous 984Hz , Pulsed 984 / 0Hz pulse 1Hz***, Two Tone 644 / 984Hz @ 1Hz cycle , Slow whoop 500-1200Hz in 3.5 seconds / 0.5secs gap

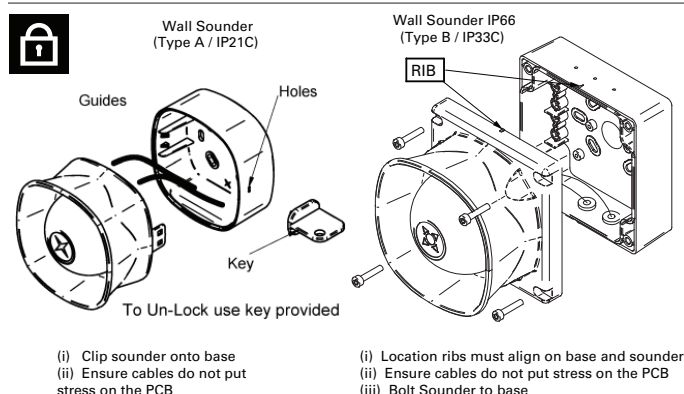
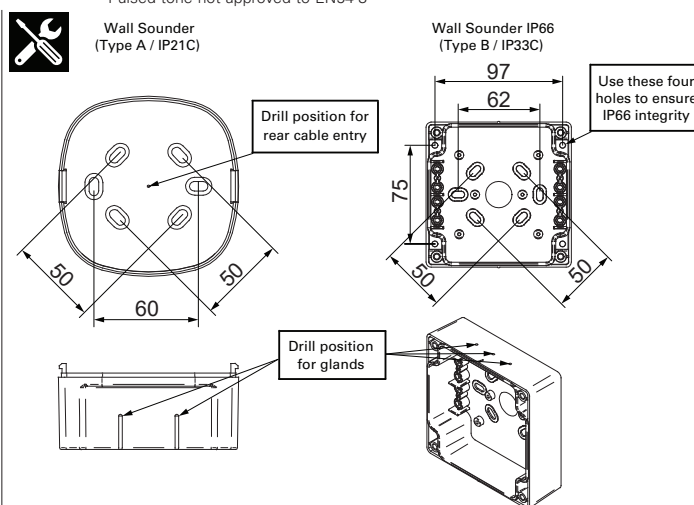
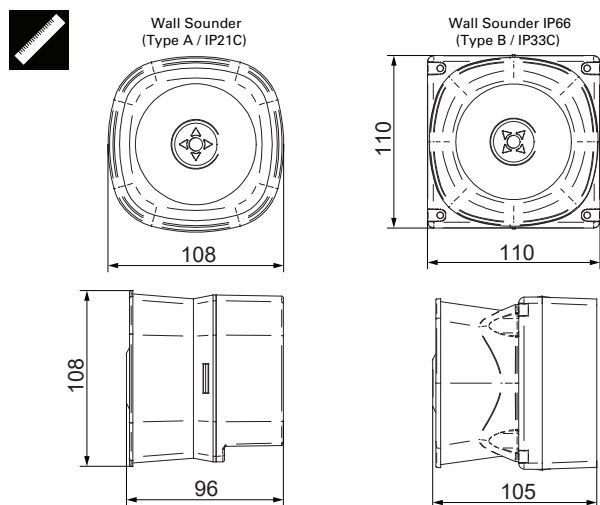
Short Circuit Isolation Data (Integral with each Sounder)	
Total Loop Resistance for correct operation of short circuit isolator	50Ω (max)
Parallel Fault Resistance to be seen at the Control Panel for isolators to open	200Ω (typ)
Continuous Current allowable through isolator	700mA (max)
Isolator Resistance in closed state	0.26Ω (max)
Leakage Current into direct short circuit with isolator open	14mA (max)
Voltage at which isolator changes from open to closed or closed to open state	3.8V to 11V
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

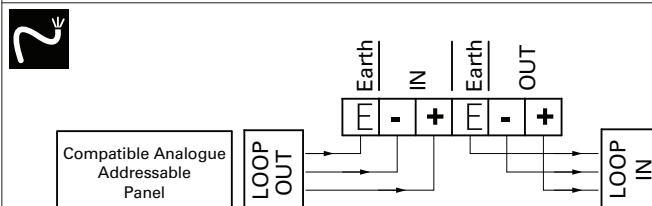
Short Circuit Isolators

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.

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



- (i) Drill required holes for cable gland fixing
 - (ii) Drill out the required fixing holes
 - (iii) Fix to mounting surface using two suitable screws
- (i) Drill required holes for cable gland fixing (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.