

Technical Data



| | Specification |
|--------------------------------------|---|
| Supply Voltage | 18 to 32 Vdc |
| Cable size | 0.5mm ² ~ 2.5mm ² / FIRETUF, FP200 or MICC |
| Standby current | < 450 μ A |
| Operating temperature | -10 to +55°C (95%RH) |
| Material | ABS/PC FR Plastic |
| Sound output @ +/-3dB (set by panel) | Low volume : 87dB @ <6.6mA Medium volume : 93dB @ <8mA High volume : 100dB @ <9mA |
| Environment Category | Type A / IP21C |
| Compliance | EN54-3 Fire Alarm Device - Sounder, EN54-17:2005 |
| Tones (set by panel)*** | Continuous 910Hz , Pulsed 910 / 0Hz pulse 1Hz, Two Tone 610 / 910Hz @ 1Hz cycle , Bell Tone* |
| Beacon | 1 Hz Flash** |

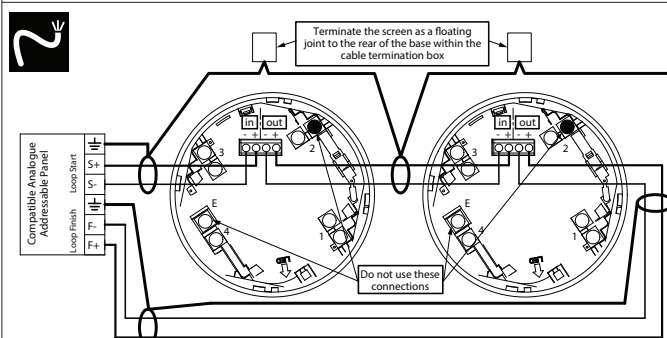
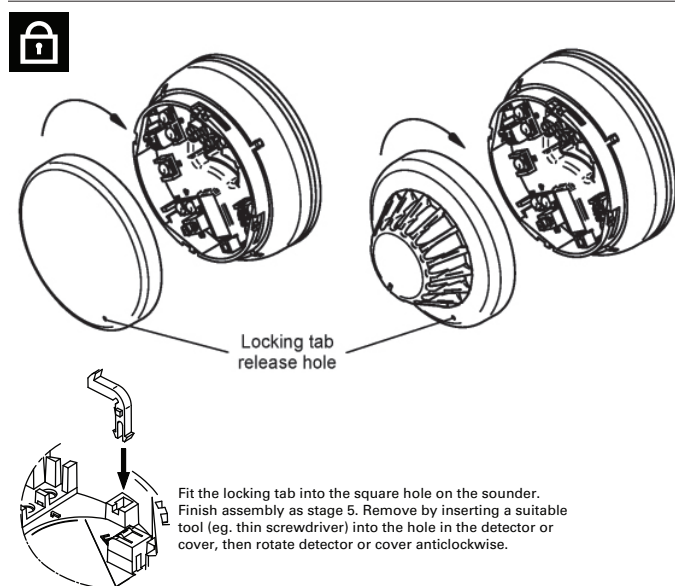
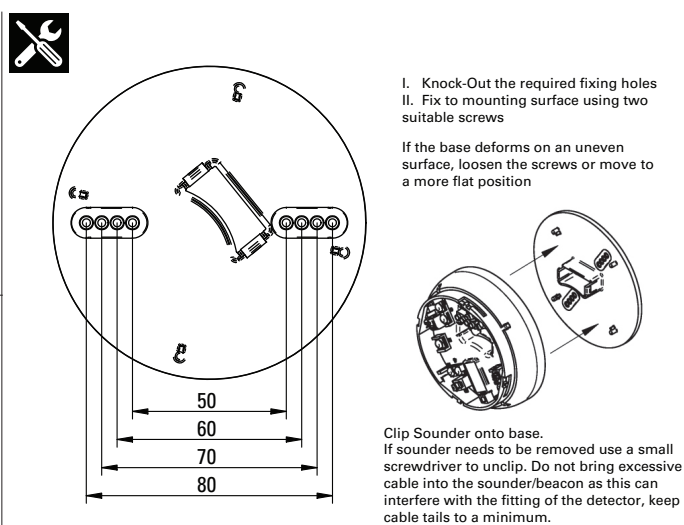
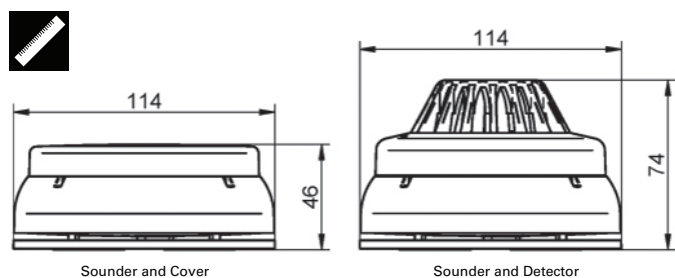
| | Short Circuit Isolation Data (Integral with each Sounder Beacon) |
|---|--|
| Total Loop Resistance for correct operation of short circuit isolator | 50 Ω (max) |
| Parallel Fault Resistance to be seen at the Control Panel for isolators to open | 200 Ω (typ) |
| Continuous Current allowable through isolator | 700mA (max) |
| Isolator Resistance in closed state | 0.26 Ω (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 |
|--------------------------------------|-------------|
| Loop Mounted Sounder/Beacon - Cooper | CASBB384-B |
| Cover for sounder Base (5 Pack) | CASC |

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.

* The bell tone is not EN54-3 certified.
** The beacon is supplementary indication only.
Do not use where an EN54-23 compliant VAD is required.
*** **Note:** Polar dispersion information available in the Technical manual (Ref:M05-024)



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.