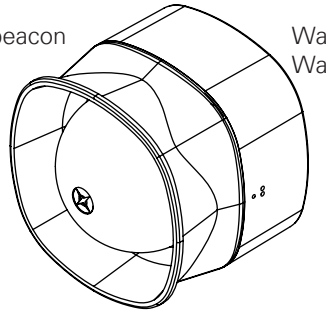
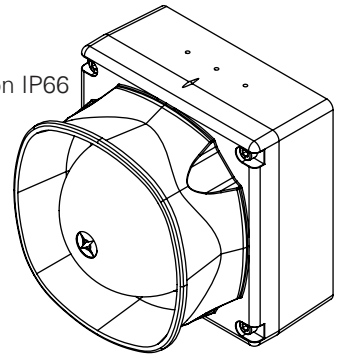
BiWire Ultra range:

(Conventional compatible)

Wall sounder/beacon
Wall sounder



Wall sounder/beacon IP66
Wall sounder IP66

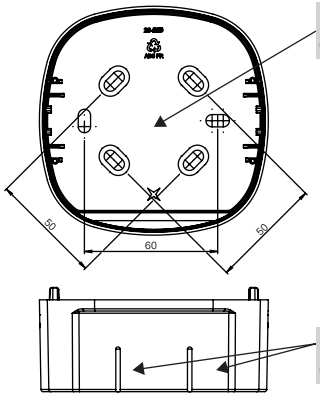


CE 14
0359-CPR-00419
Compliance EN54-3; EN54-23:2010

Table 1. Specification

Feature	Value	Feature	Value
Supply voltage (BiWire alarm)	25.5~35 Vdc	Sound output (high volume)	99 +/- 3dB(A) : All tones
Supply voltage (BiWire standby)	18~25.5 Vdc	Sound output (low volume)	89 +/- 3dB(A) : All tones
Supply voltage (conventional)	18~35 Vdc	Operating temperature	-25 to +70ºC (93% ± 3%RH)
Cable size/type	0.5~2.5mm^2/FIRETUF, FP200 or MICC	Material	ABS FR plastic
		Environmental category	Type A= IP21C/ Type B= IP66
Standby current (BiWire mode)	<15µA	Tones	3, See section 3
Current (high volume)	Sdr only = 4.7mA, AV = 11mA	Flash rate	0.5Hz (N/A to FXN009(WP), EF009(WP))
Current (low volume)	Sdr only = 2.6mA, AV = 8.7mA	Flash on period	60ms (N/A to FXN009(WP), EF009(WP))

1a. Mounting base (IP21C)



Drill position for rear cable entry

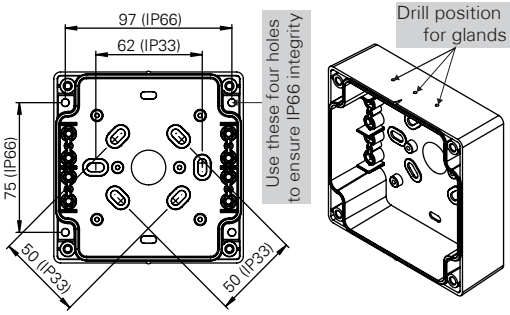
(i) Drill required holes for cable gland fixing.

(ii) Drill out the required fixing holes.

(iii) Fix to mounting surface using two suitable screws.

Drill position for glands

1b. Mounting base (IP66C)

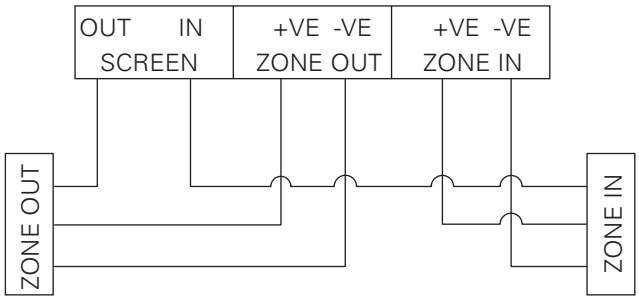


(i) Drill required holes for cable gland fixing (top or bottom) and ensure cables are correctly sealed for IP66 integrity.

(ii) Fix to mounting surface using four suitable screws.

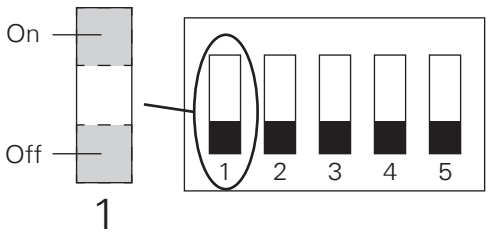
Note
All products meet minimum requirements of IP33C in accordance with EN54-3.

2. Connection details



Screen must be continuous along entire length of loop.

3. Switch position meaning



1, Sounder on/off (AV version only)

2, Volume high (Off)/low (On)

3, Tones
4, Tones
{ Continuous: 3=On, 4=On (984Hz)
Bell: 3=On, 4=Off (1440Hz)
Alternating: 3=Off, 4=On (644/984Hz)

5, Mode: On = BiWire, Off = Conventional

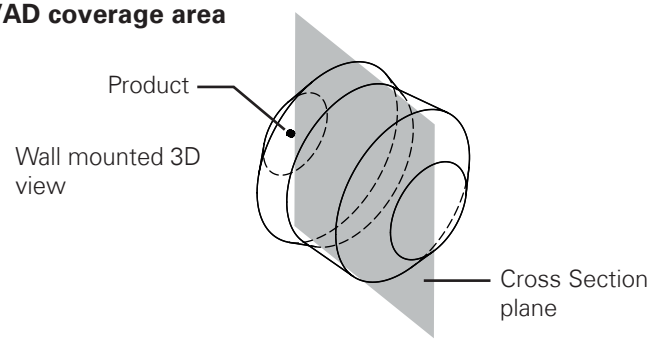
EATON
Powering Business Worldwide™

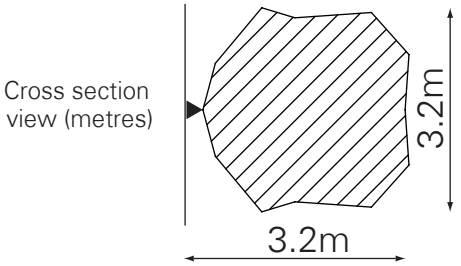
Technical data

Effective September 2014

FXN009SB/EF009SB
FXN009SBWP/EF009SBWP
FXN009/EF009
FXN009WP/EF009WP

4. VAD coverage area

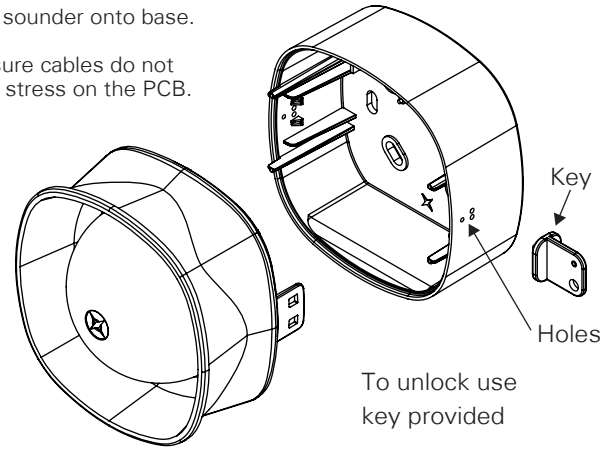




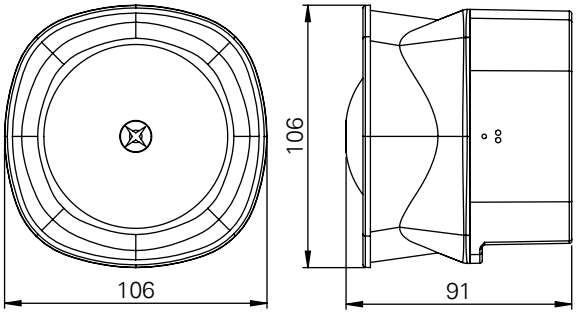
5a. Sounder assembly

(i) Clip sounder onto base.

(ii) Ensure cables do not put stress on the PCB.



5b. Dimensions

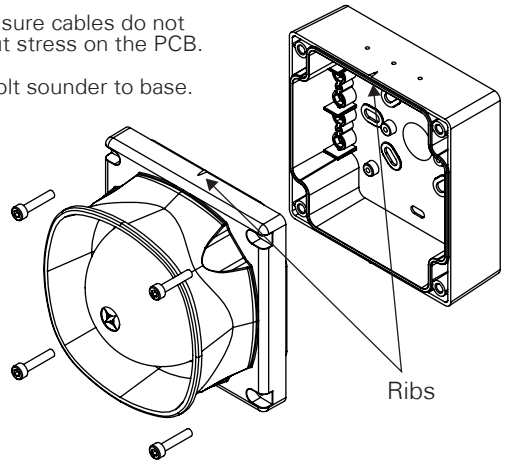


6a. Sounder assembly (WP)

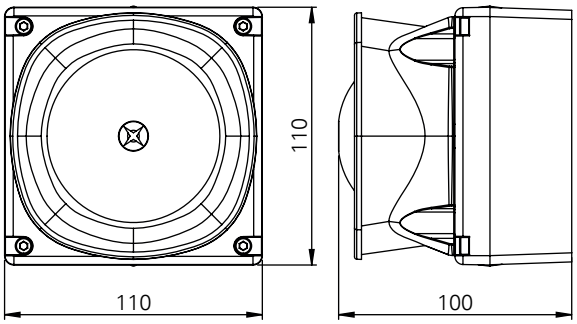
(i) Location ribs must align on base and sounder.

(ii) Ensure cables do not put stress on the PCB.

(iii) Bolt sounder to base.



6b. Dimensions (WP)



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