AL100SONTEL Telephone Alarm & Xenon Strobe

The AL100SONTEL is a compact, high output, 100dB(A) telephone initiated alarm sounder and 5 Joule Xenon beacon.

Features

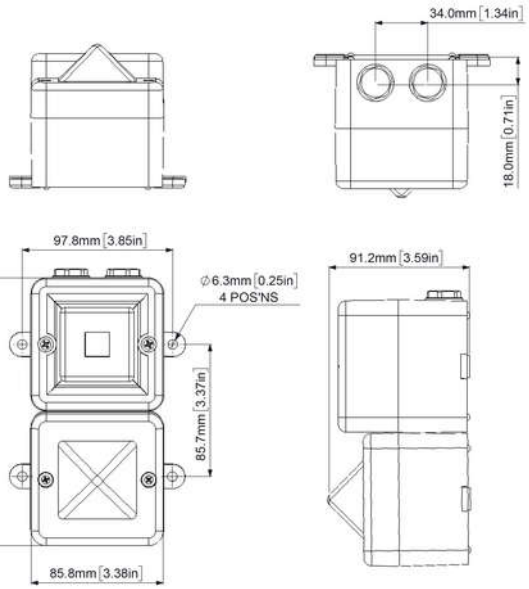
- Continuously rated
- Stainless steel fixings
- Unit can be mounted using external lugs or internal fixing positions
- Dual M20 clearance cable entries

Approvals

- CE
- UKCA
- EAC: CU TR 04/2011 CU TR 20/2011
- Russian Maritime Register of Shipping







Specification

Sounder:	
Nominal output:	100dB(A) @ 1m +/- 3dB [91dB(A) @ 10ft/3m]
No. of tones:	3
Tone 1	Siren Tone
Tone 2	Alternating tone
Tone 3	Sweeping tone
Volume control:	Max. 100dB(A); Min. 90dB(A)
Effect. range:	32m/105ft @ 1KHz
Beacon:	
Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd – calculated from energy (J)
Effect. Intensity cd:	250 cd – calculated from energy (J)
Peak Candela:	78,801 cd* – measured ref. to I.E.S.
Effect. Intensity cd:	196 cd* – measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Opal, Red & Yellow
Tube life:	Emissions are reduced to 70% after 5 million flashes
General:	
Sounder Supply:	Direct power from telephone line (REN 1)
Beacon Supply:	230V ac (telephone initiated)
Ingress protection:	IP66
Enclosure matl:	High impact UL94 V0 & 5VA FR ABS
Colour:	Red (RAL3000), grey (RAL7038) & white.
Cable entries:	3 x M20 clearance gland knockouts in side & back
Terminals:	0.5 to 2.5mm² cables.
Operating temp:	-40 to +66°C [-40° to +151°F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	0.46kg/1.01lbs

Candela measurements representative of performance with clear lens at optimum voltage.
SPL data +/-3dB(A). Measured at optimum voltage

Part Codes

Variable:	Identifier:	Description:
Product type:	AL100SONTEL	Telephone Initiated Alarm Horn Sounder & Xenon Strobe
Voltage:	230	230Vac 50/60Hz
Back box/cable entries: [e]	M	Back box with mounting lugs – 2 x M20 clearance
Stopping plug material: [m]	A	ABS
Equip. tag/Duty label: [s]	0	No equip. tag or Duty label
	1	316 (A4) St/St Equip. tag/Duty label
	2	Metalised Polyester Equip. tag/Duty label
Product version: [v]	A	RMRS, EAC, CE, UKCA
Product option: [o]	1	Standard product
	X	Custom configuration – contact E2S
	T	Conformal coated – tropicalised
Enclosure: [x]	R	Red (RAL 3000)
	G	Grey (RAL7038)
	W	White
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.