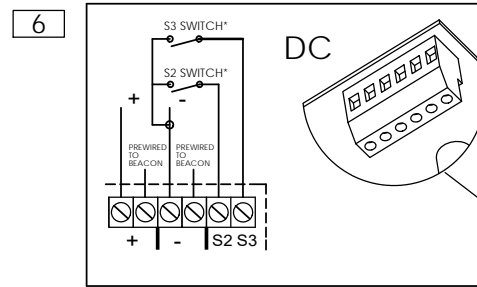
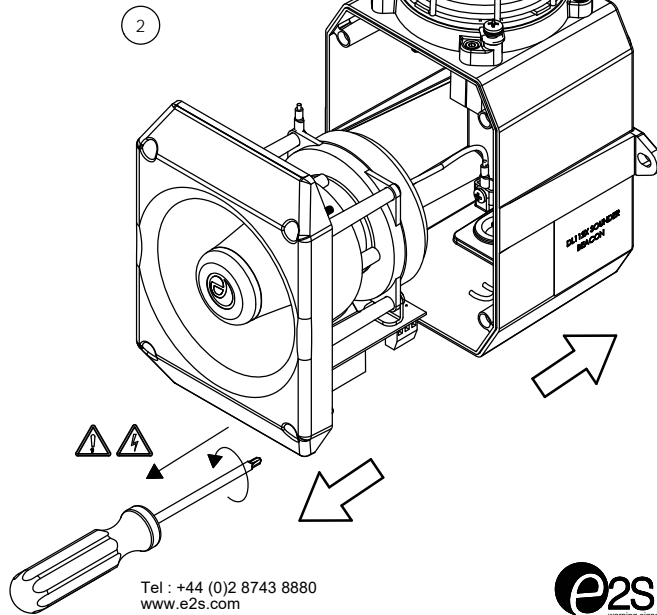
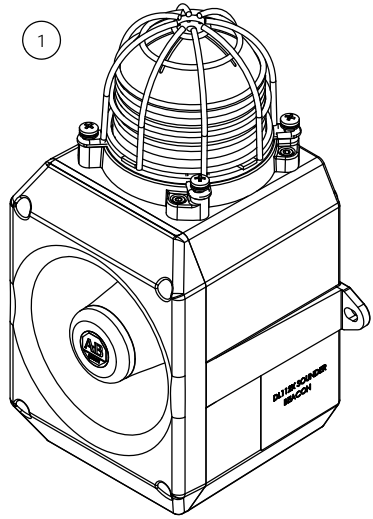
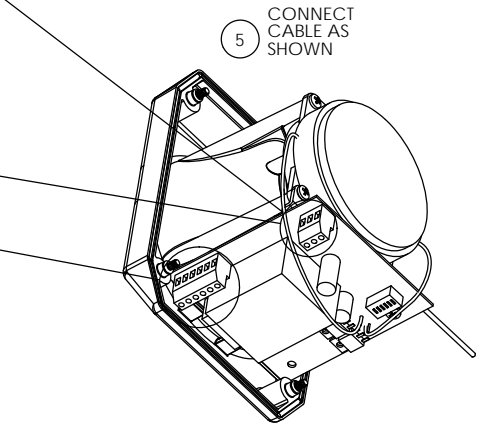
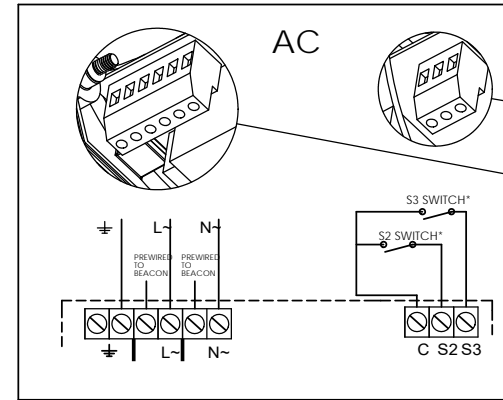


4 Alert Alarm DL112X



TERMINAL BLOCK	A/C INPUT	D/C INPUT
N/-	N-	-
L/+	L-	+
S2	SWITCH TO C	SWITCH TO -
S3	SWITCH TO C	SWITCH TO -



*S2 & S3 Denote Stage 2 & Stage 3 respectively
Stage switches are customer supplied

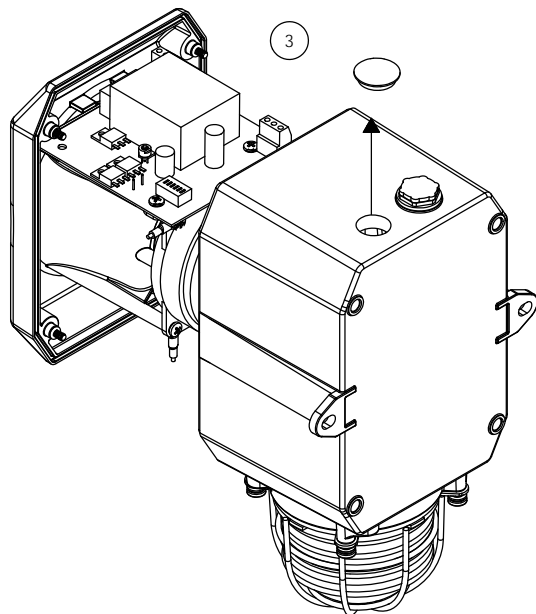
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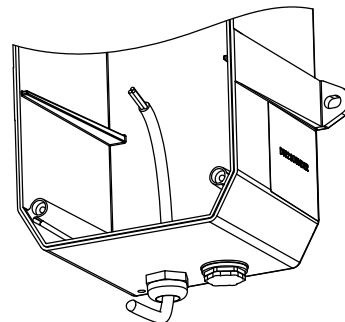
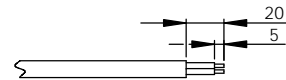
Tel : +44 (0)2 8743 8880
www.e2s.com



5



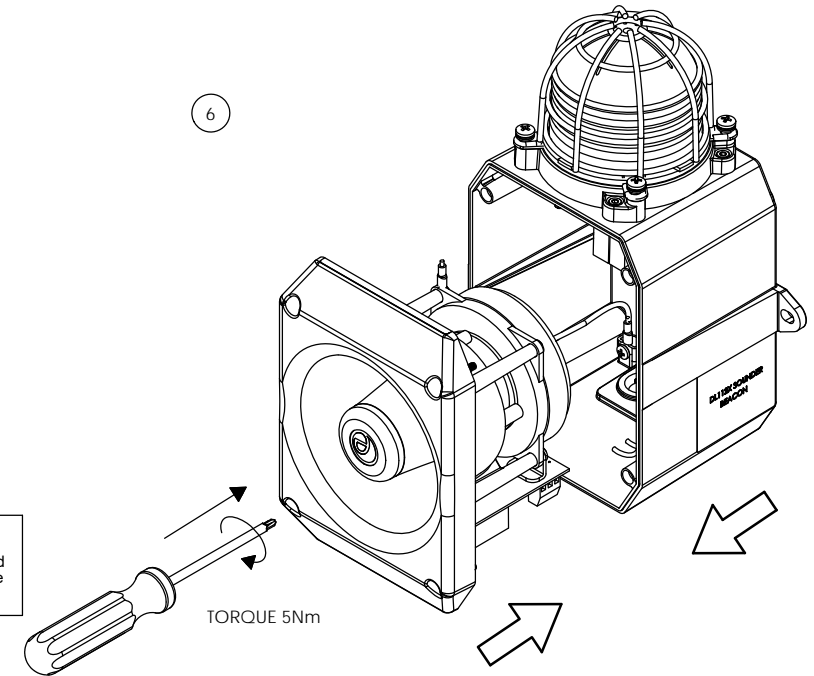
4 INSERT CABLE THROUGH SUITABLY SIZED M20 CABLE GLAND, CUSTOMER SUPPLIED, THEN STRIP CABLE TO LENGTH.



Dimensions in mm

7

RELATED DRAWING
No modification permitted
without reference to "The
Authorised Person"



Alert Alarm

DL112X Metal Sounder Xenon Beacon
 45 Selectable Tones & 3 Stages
 5J Xenon Flash Tube
 Three Modes: Flashing 1Hz,
 Flashing 1.5Hz (DC units only),
 Double Strike (DC Units Only).
 UL Listed
 CE, UKCA
 IP Rating: Type 4 / 4X / 3R / 13, IP66

DL112X

Dimensions : 268 x 130 x 125mm
 1.5mm² terminals
 Cable entry: 2-off M20 x 1.5mm
 threaded holes.
 Temp: -40°C/°F to +55°C/+131°F
 Unit weight:
 ac = 3.1Kg; dc = 2.8Kg



Order code	Voltage Range	Nominal Voltage	Sounder Current	Beacon Current
DL112XDC012AA0A1[X]/[Y]	10-14 V dc	12 V dc	200mA	380mA
DL112XDC024AA0A1[X]/[Y]	20-28V dc	24 V dc	200mA	250mA
DL112XDC048AA0A1[X]/[Y]	42-54V dc	48 V dc	120mA	175mA
DL112XAC024AA0A1[X]/[Y]	24 ±10% V ac	24 V ac	500mA	300mA
DL112XAC115AA0A1[X]/[Y]	115 ±10% V ac	115 V ac	100mA	70mA
DL112XAC230AA0A1[X]/[Y]	230 ±10% V ac	230 V ac	60mA	35mA

[X] Denotes Body Colour: R = Red; G = Grey; D = Dark Grey
 [Y] Denotes Lens Colour. A = Amber; B = Blue; C = Clear; G = Green; R = Red; Y = Yellow

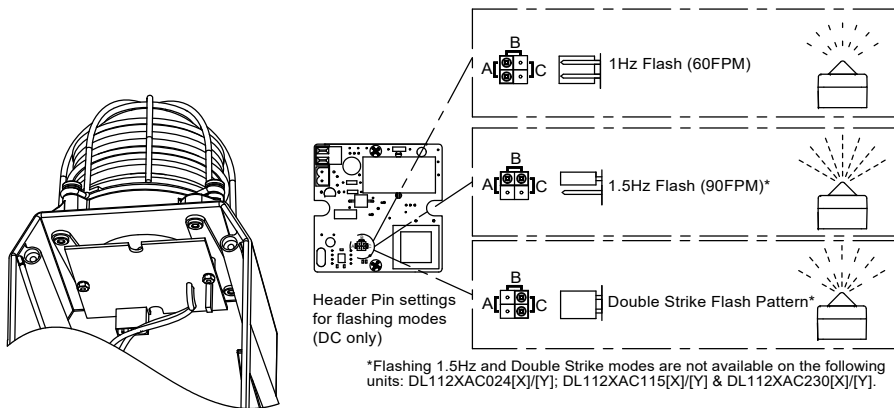


Table 1 - Tone Selection

STAGE 1	FREQUENCY DESCRIPTION	Switch	Stage 2	Stage 3
Tone 1	340 Hz Continuous		Tone 2	Tone 5
Tone 2	800/1000Hz @ 0.25 sec Alternating		Tone 17	Tone 5
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop		Tone 2	Tone 5
Tone 4	800/1000Hz @ 1Hz Sw eeping		Tone 6	Tone 5
Tone 5	2400Hz Continuous		Tone 3	Tone 20
Tone 6	2400/2900Hz @ 7Hz Sw eeping		Tone 7	Tone 5
Tone 7	2400/2900Hz @ 1Hz Sw eeping		Tone 10	Tone 5
Tone 8	500/1200/500Hz @ 0.3Hz Sw eeping		Tone 2	Tone 5
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.		Tone 15	Tone 2
Tone 10	2400/2900Hz @ 2Hz Alternating		Tone 7	Tone 5
Tone 11	1000Hz @ 1Hz Intermittent		Tone 2	Tone 5
Tone 12	800/1000Hz @ 0.875Hz Alternating		Tone 4	Tone 5
Tone 13	2400Hz @ 1Hz Intermittent		Tone 15	Tone 5
Tone 14	800Hz 0.25sec on, 1 sec off Intermittent		Tone 4	Tone 5
Tone 15	800Hz Continuous		Tone 2	Tone 5
Tone 16	660Hz 150mS on, 150mS off Intermittent		Tone 18	Tone 5
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001		Tone 2	Tone 27
Tone 18	660Hz 1.8sec on, 1.8sec off Intermittent		Tone 2	Tone 5
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265		Tone 2	Tone 5
Tone 20	660Hz Continuous		Tone 2	Tone 5
Tone 21	554Hz/440Hz @ 1Hz Alternating		Tone 2	Tone 5
Tone 22	544Hz @ 0.875 sec. Intermittent		Tone 2	Tone 5
Tone 23	800Hz @ 2Hz Intermittent		Tone 6	Tone 5
Tone 24	800/1000Hz @ 50Hz Sw eeping		Tone 29	Tone 5
Tone 25	2400/2900Hz @ 50Hz Sw eeping		Tone 29	Tone 5
Tone 26	Bell		Tone 2	Tone 15
Tone 27	544Hz Continuous		Tone 26	Tone 5
Tone 28	440Hz Continuous		Tone 2	Tone 5
Tone 29	800/1000Hz @ 7Hz Sw eeping		Tone 7	Tone 5
Tone 30	300Hz Continuous		Tone 2	Tone 5
Tone 31	660/1200Hz @ 1Hz Sw eeping		Tone 26	Tone 5
Tone 32	Two tone chime.		Tone 26	Tone 15
Tone 33	745Hz @ 1Hz Intermittent		Tone 2	Tone 5
Tone 34	1000 & 2000Hz @ 0.5 sec Alternating - Singapore		Tone 38	Tone 45
Tone 35	420Hz @ 0.625 sec Australian Alert		Tone 36	Tone 5
Tone 36	500-1200Hz 3.75sec /0.25sec. Australian Evac.		Tone 35	Tone 5
Tone 37	1000Hz Continuous - PFEER Toxic Gas		Tone 9	Tone 45
Tone 38	2000Hz Continuous		Tone 34	Tone 45
Tone 39	800Hz 0.25sec on, 1 sec off Intermittent		Tone 23	Tone 17
Tone 40	544Hz (100mS)/440Hz (400mS) - NF S 32-001		Tone 31	Tone 27
Tone 41	Motor Siren - slow rise to 1200 Hz		Tone 2	Tone 5
Tone 42	Motor Siren - slow rise to 800 Hz		Tone 2	Tone 5
Tone 43	1200 Hz Continuous		Tone 2	Tone 5
Tone 44	Motor Siren - slow rise to 2400 Hz		Tone 2	Tone 5
Tone 45	1KHz 1s on, 1s off Intermittent - PFEER Gen. Alarm		Tone 38	Tone 34

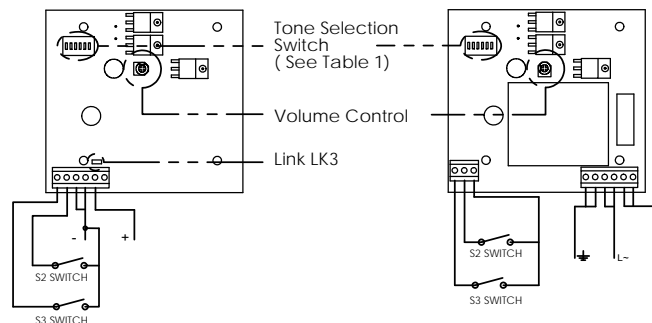
NOTE: Please check factory settings and ensure the correct alarm tone is selected for your country or application

Tone Selection / Switch Setting - Switch settings are shown in the tone selection table. Black squares are the switch levers in the ON positions

Reverse Polarity Switching - On DC versions the second stage alarm tone can be selected by reversing the polarity of the supply voltage if switch 6 is in the ON position if Link LK3 is present.

DC CIRCUIT

AC CIRCUIT



RELATED DRAWING
 No modification permitted without reference to "The Authorised Person"

- ⚠ ATTENTION:** Installation must be carried out by an electrician in compliance with the latest codes and regulations.
- ⚠ ATTENTION:** Disconnect from power source before installation or service to prevent electric shock.
- ⚠ ATTENTION:** On strobe beacons allow a minimum of 2 minutes for hazardous high voltage to discharge from unit.

