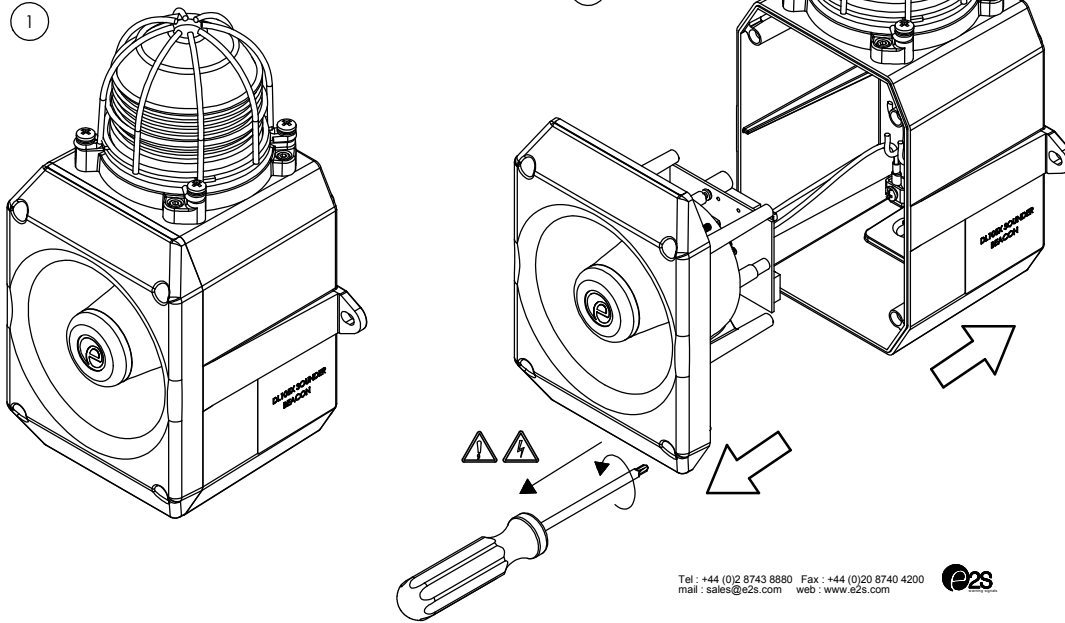


**A** Alert Alarm  
DL105H



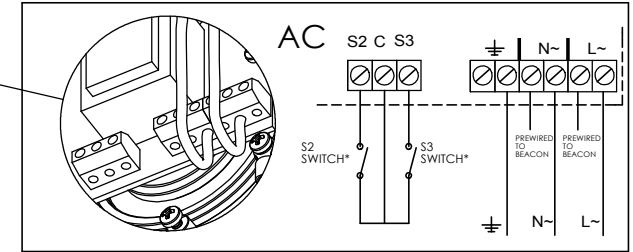
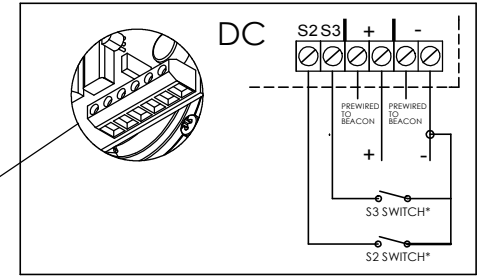
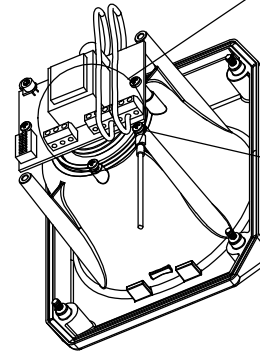
Tel : +44 (0)2 8743 8880 Fax : +44 (0)20 8740 4200  
mail : sales@e2s.com web : www.e2s.com



**C**

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

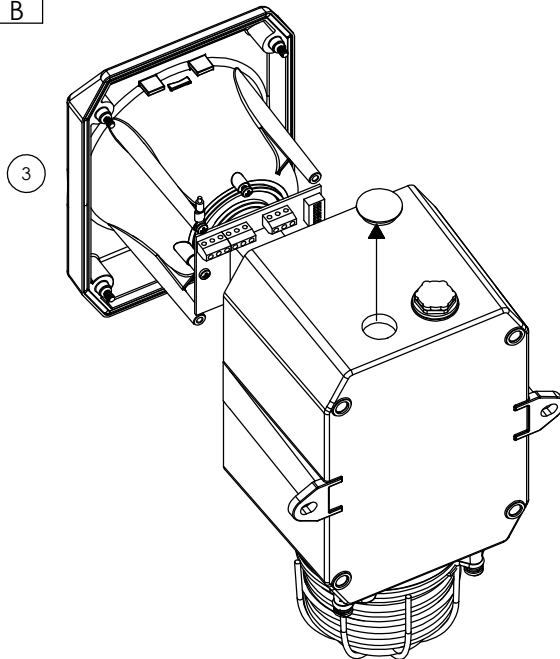
5 CONNECT CABLE AS SHOWN



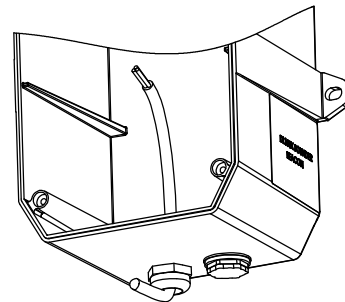
\*S2 & S3 Denote Stage 2 & Stage 3 respectively  
Stage switches are customer supplied



**B**



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

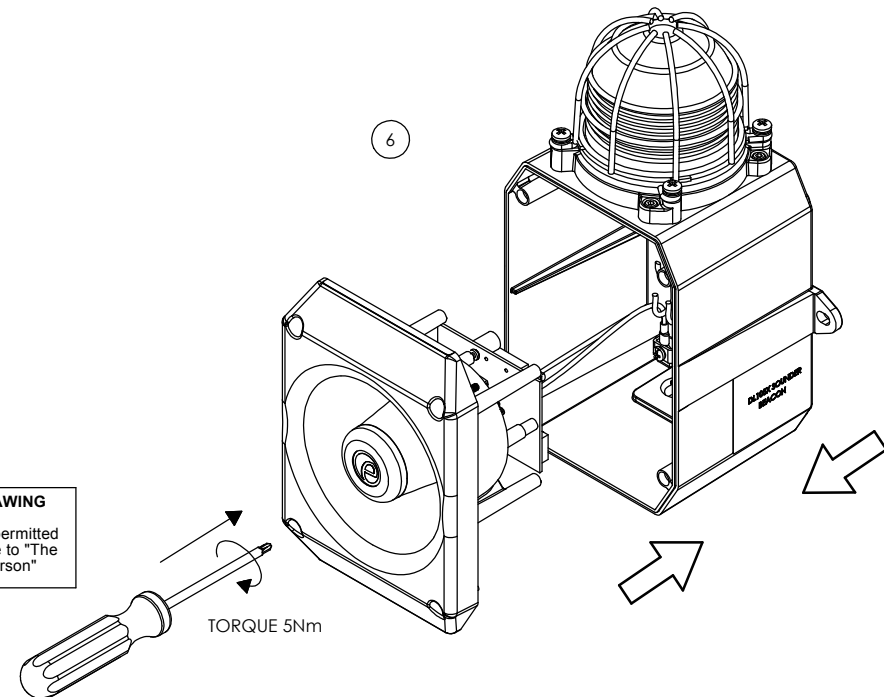


Dimensions in mm



**D**

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



TORQUE 5Nm

D172-00-201-IS\_SHT2\_ISSUE\_1



A

# Alert Alarm

DL105H Metal Sounder LED Beacon  
 32 Selectable Tones & 3 Stages  
 24 x High Powered LEDs  
 Two Modes: Steady, Flashing 2Hz

# DL105H

Dimensions : 268 x 130 x 125mm  
 1.5mm<sup>2</sup> terminals  
 Cable entry: 2-off M20 x 1.5mm threaded holes.  
 Temp: -25 °C to +50 °C  
 Unit weight: 2.1Kg

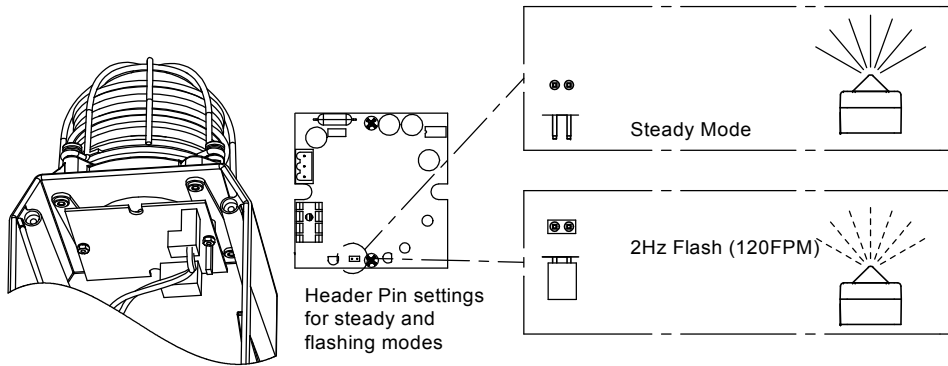
CE  
 IP Rating: IP66

Order code	Voltage Range	Nominal Voltage	Sounder Current	Beacon Current
DL105HDC024[X]/[Y]	12-30 V dc	24 V dc	25mA	157mA
DL105HDC048[X]/[Y]	35-60 V dc	48 V dc	50mA	55mA
DL105HAC115[X]/[Y]	115 ±10% V ac	115 V ac	20mA	60mA
DL105HAC230[X]/[Y]	230 ±10% V ac	230 V ac	15mA	35mA

UL Approved units  
 IP Rating: Type 4 / 4X / 3R / 13, IP66

Order code	Voltage Range	Nominal Voltage	Sounder Current	Beacon Current
DL105HDC024[X]/[Y]-UL	12-30 V dc	24 V dc	25mA	157mA
DL105HDC048[X]/[Y]-UL	35-60 V dc	48 V dc	50mA	55mA
DL105HAC115[X]/[Y]-UL	115 ±10% V ac	115 V ac	20mA	60mA
DL105HAC230[X]/[Y]-UL	230 ±10% V ac	230 V ac	15mA	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



Tel: +44 (0)2 8743 8880 Fax: +44 (0)20 8740 4200  
 mail: sales@e2s.com web: www.e2s.com



B

**⚠ 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.



No liability is accepted for any consequences 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/weights are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.

C

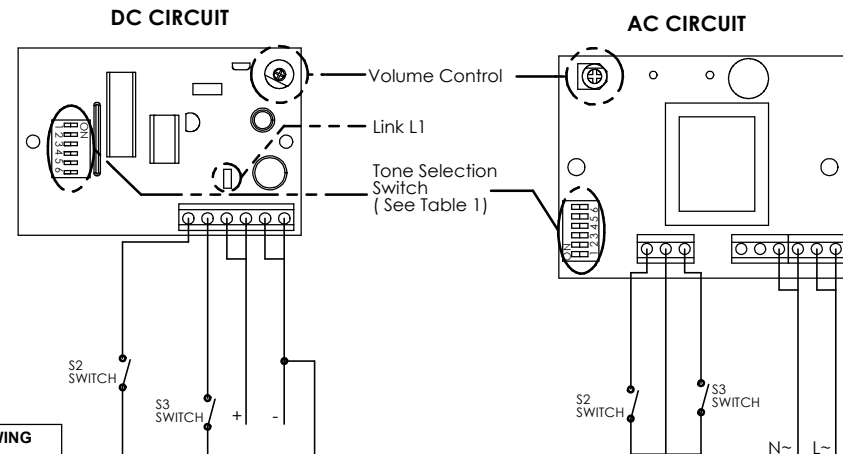
STAGE 1	FREQUENCY DESCRIPTION	dB(A)@ 1m	Switch	Stage 2	Stage 3
TONE 1	340 Hz Continuous	102	[Diagram]	TONE 2	TONE 5
TONE 2	800/1000Hz @ 0.25 sec Alternating	106	[Diagram]	TONE 17	TONE 5
TONE 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	106	[Diagram]	TONE 2	TONE 5
TONE 4	800/1000Hz @ 1Hz Sw eeping	106	[Diagram]	TONE 6	TONE 5
TONE 5	2400Hz Continuous	112	[Diagram]	TONE 3	TONE 20
TONE 6	2400/2900Hz @ 7Hz Sw eeping	108	[Diagram]	TONE 7	TONE 5
TONE 7	2400/2900Hz @ 1Hz Sw eeping	108	[Diagram]	TONE 10	TONE 5
TONE 8	500/1200/500Hz @ 0.3Hz Sw eeping	106	[Diagram]	TONE 2	TONE 5
TONE 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	106	[Diagram]	TONE 15	TONE 2
TONE 10	2400/2900Hz @ 2Hz Alternating	110	[Diagram]	TONE 7	TONE 5
TONE 11	1000Hz @ 1Hz Intermittent	106	[Diagram]	TONE 2	TONE 5
TONE 12	800/1000Hz @ 0.875Hz Alternating	106	[Diagram]	TONE 4	TONE 5
TONE 13	2400Hz @ 1Hz Intermittent	112	[Diagram]	TONE 15	TONE 5
TONE 14	800Hz 0.25sec on, 1 sec off Intermittent	108	[Diagram]	TONE 15	TONE 5
TONE 15	800Hz Continuous	108	[Diagram]	TONE 2	TONE 5
TONE 16	660Hz 150mS on, 150mS off Intermittent	104	[Diagram]	TONE 18	TONE 5
TONE 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	104	[Diagram]	TONE 2	TONE 27
TONE 18	660Hz 1.8sec on, 1.8sec off Intermittent	104	[Diagram]	TONE 2	TONE 5
TONE 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265	106	[Diagram]	TONE 2	TONE 5
TONE 20	660Hz Continuous	104	[Diagram]	TONE 2	TONE 5
TONE 21	554Hz/440Hz @ 1Hz Alternating	104	[Diagram]	TONE 2	TONE 5
TONE 22	544Hz @ 0.875 sec. Intermittent	104	[Diagram]	TONE 2	TONE 5
TONE 23	800Hz @ 2Hz Intermittent	108	[Diagram]	TONE 6	TONE 5
TONE 24	800/1000Hz @ 50Hz Sw eeping	108	[Diagram]	TONE 29	TONE 5
TONE 25	2400/2900Hz @ 50Hz Sw eeping	108	[Diagram]	TONE 29	TONE 5
TONE 26	Bell	100	[Diagram]	TONE 2	TONE 15
TONE 27	554Hz Continuous	104	[Diagram]	TONE 26	TONE 5
TONE 28	440Hz Continuous	103	[Diagram]	TONE 2	TONE 5
TONE 29	800/1000Hz @ 7Hz Sw eeping	105	[Diagram]	TONE 7	TONE 5
TONE 30	300Hz Continuous	100	[Diagram]	TONE 2	TONE 5
TONE 31	660/1200Hz @ 1Hz Sw eeping	105	[Diagram]	TONE 26	TONE 5
TONE 32	Two tone chime.	103	[Diagram]	TONE 26	TONE 15

**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 and Link L1 is made.

DC Line Monitoring - Remove Link L1 for line monitoring (DC units only).



### RELATED DRAWING

No modification permitted without reference to "The Authorised Person"

D172-00-201-IS\_SHT1\_ISSUE\_1

