HOOTRONIC HAB105RTH

Sounder unit HAB105N
Maximum output: 112 dB(A) @ 1 m
3 Stage alarm options
5 hootronic alarm tones
Rotating Beacon
G6,35/GY6,35 Halogen Bulb
IP Rating: IP65
Temp: -25°C to +50°C
Unit weight: 1.15kg DC 1.4kg AC
CE

Dimensions : 130mm(w) x 250mm(h)
1.5mm² terminals

For Lens colour options
x = in order code to be replaced with required lens colour

R = Red	A = Amber
B = Blue	C = Clear
G = Green	Y = Yellow

y = in order code to be replaced with required housing colour

G = Grey	R = Red

Order code	Nominal voltage & range
HAB105RTHDC24y/x	24VDC (18-30VDC)
Beacon 910mA	Sounder 185mA @24VDC
HAB105RTHAC115y/x	115VAC (103-127VAC)
Beacon 216mA	Sounder 50mA @ 115VAC
HAB105RTHAC230y/x	230VAC (207-253VAC)
Beacon 117mA	Sounder 25mA @ 230VAC

Example:- HAB105RTHDC24G/R
This example is for a
HA105N Hootronic sounder with rotating beacon running on 24VDC
the housing is grey with a red lens.

Bulb replacement

E2S Part No.	Version
BJC20W24VCL	24V 20W
BJCD25W120VCL	115V 25W
BJCD25W230VCL	230V 25W

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: Lens on unit will be hot
allow to cool prior to removal.

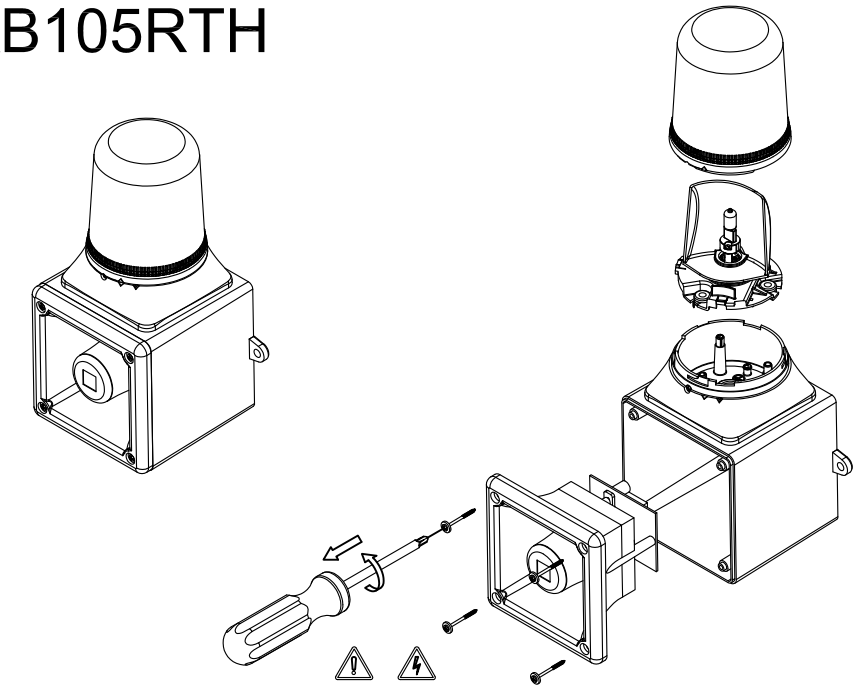
Tel : +44(0)20 8743 8880 Fax : +44(0)20 8740 4200
mail : sales@e2s.com web : www.e2s.com

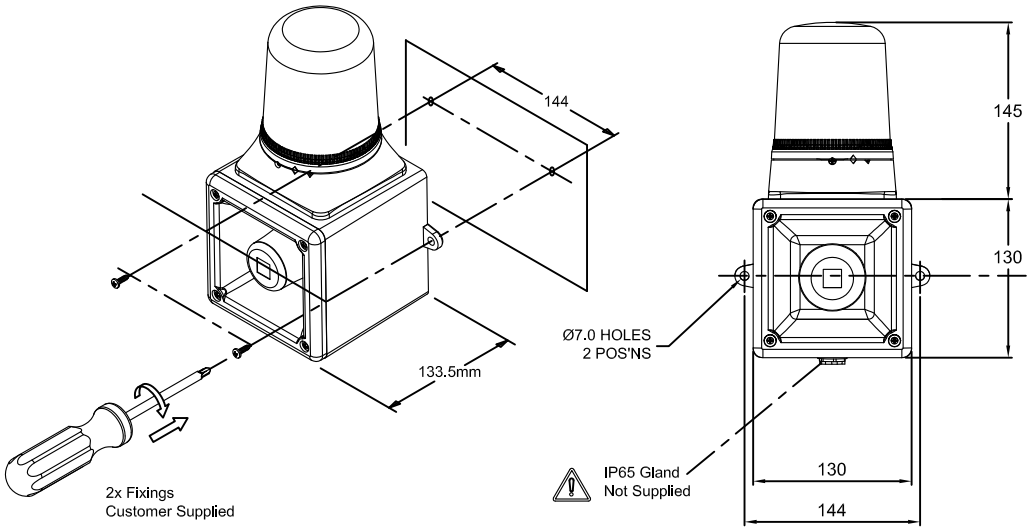
HAB105RTH Sounder Tone Settings Table

Stage 1 Tone	Alarm Description	Stage 2 (S2)	Stage 3 (S3)	Header
1	Industrial Hooter	Tone 3	Tone 5	1 o o 2 o o 3 o o
2	HIgh Frequency Mechanical Siren	Tone 1	Tone 5	1 [o o] 2 o o 3 o o
3	Medium Frequency Mechanical Siren	Tone 1	Tone 5	1 o o 2 [o o] 3 o o
4	Electro-mechanical Buzzer	Tone 1	Tone 5	1 [o o] 2 [o o] 3 o o
5	Mechanical Bell	Tone 1	Tone 2	1 o o 2 o o 3 [o o]

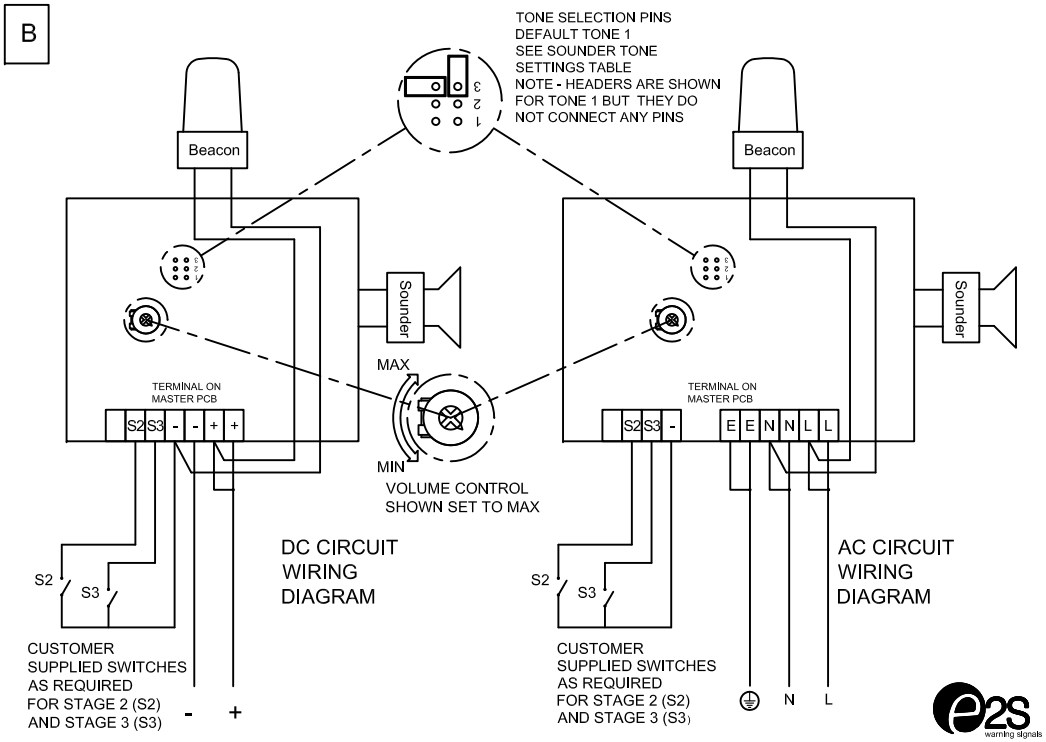
A

HOOTRONIC
HAB105RTH

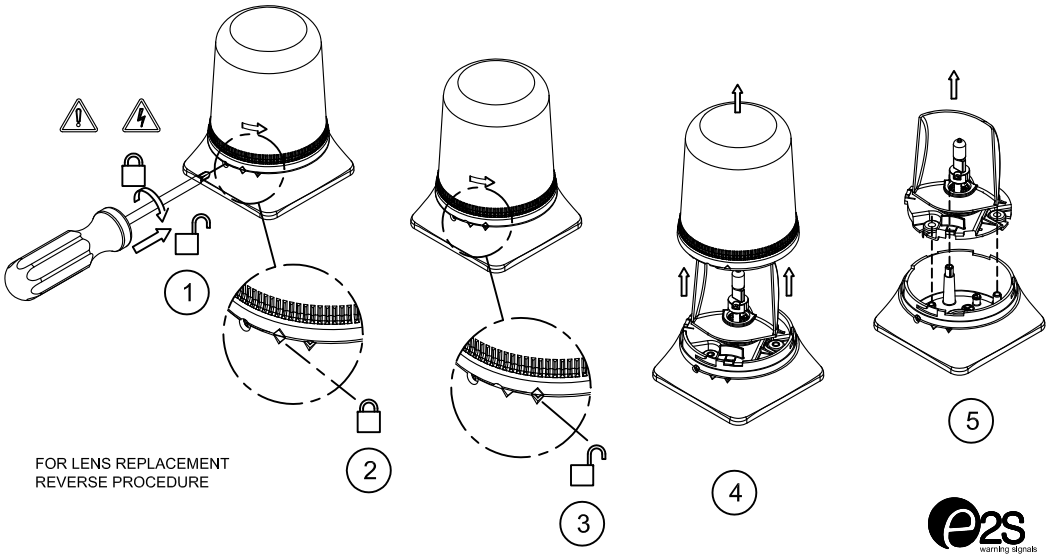




B



C



Dimensions in mm

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Hootronic wiring configuration with «Tail-Off» function

AC power supply connections should be made to the "L", "N" and "E" terminals. To remotely switch the second and third stage sounds, cable into the terminals marked "C", "S2" and "S3" respectively. To activate the second and third stage sounds switch "S2" or "S3" to the "C"
cable whilst the unit is powered (see Fig.1 on previous page).
Stage 2 overrides stage 1 and stage 3 overrides stage 2.

The Hootronic sounder has the facility to replicate the "tail-off" traditionally associated with these tones, when generated by electro-mechanical devices. The switching is achieved by cabling into the terminals marked "STOP" and "C". The user can remotely activate and de-activate the sounder by switching the connection between "STOP" and the "C" cables whilst the unit is powered. To achieve the "tail-off" sound at switch off, the unit must remain powered.

In other words, linking between "Stop" and "C", silence the sounder.
Braking the link between "Stop" and "C", activates the sounder.

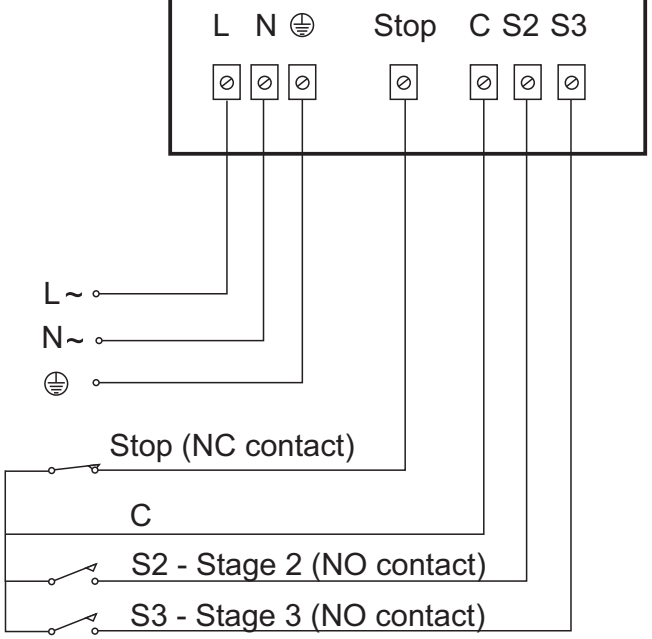
DC power supply connections should be made to the "+ and "-" terminals. To remotely switch the second and third stage sounds, cable into the terminals marked "S2" and "S3" respectively. To activate the second and third stage sounds switch "S2" or "S3" to the negative supply whilst the unit is powered (see Fig.1 on previous page).
Stage 2 overrides stage 1 and stage 3 overrides stage 2.

The Hootronic sounder has the facility to replicate the "tail-off" traditionally associated with these tones, when generated by electro-mechanical devices. The switching is achieved by cabling into the terminal marked "STOP" and "-". The user can remotely activate and de-activate the sounder by switching the connection between the "STOP" wire and the negative supply line ("-") whilst the unit is powered. To achieve the "tail-off" sound at switch off, the unit must remain powered.

In other words, linking between "Stop" and "-", silence the sounder.
Braking the link between "Stop" and "-", activates the sounder.

Fig. 1 a:

Hootronic AC units:
HA105, HAL105, HA121,
HAL121, HMA121, BEXH120



P.s: For easy operation

In most installations, people are only interested in one of the several selectable sounds.
In that case, select the desired sound, and ignore the "S2" and "S3" terminals.

Connect the power cables to a steady power supply, and activate the sounder via the "Stop" and "C/-" terminals only, by connecting trough a simple «potential free» switch or relay.

Fig. 1 b:

Hootronic DC units:
HA105, HAL105, HA121,
HAL121, HMA121, BEXH120