

A

# STA BEACON STACK WITH ALARM SOUNDER

STA2/STA3/STA4  
 IP Rating: IP66  
 Temp: -25°C to +55°C  
 CE

Mountings  
 Multiple mounting lugs with holes  
 suitable for up to M6 fixings.

2.5mm<sup>2</sup> terminals  
 Cable entry: M20 cable entry  
 (IP66)

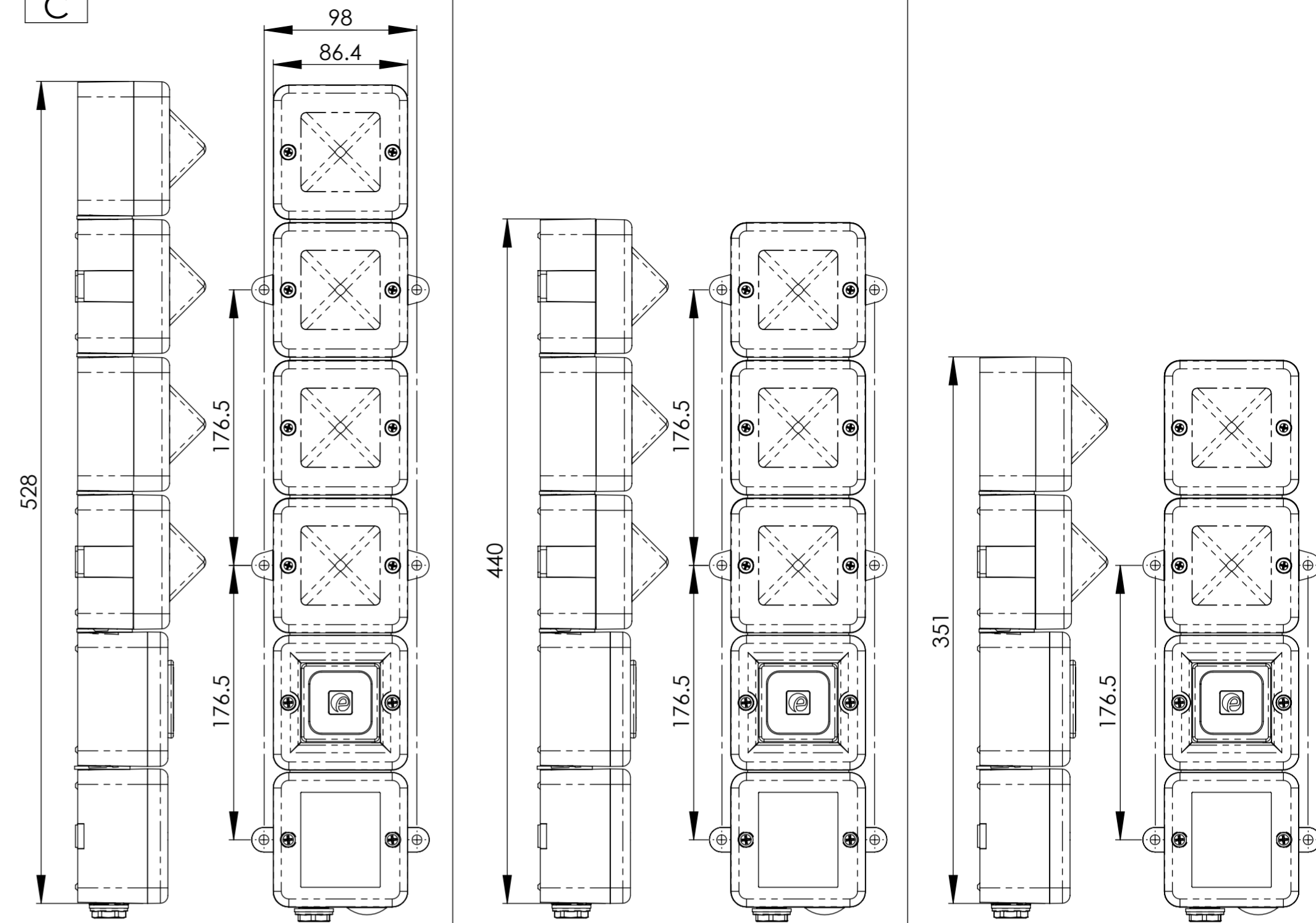
x = Housing colour  
 R = Red  
 G = Grey  
 W = White

Order code	Xenon Beacon Current	LED Beacon Current	Alarm Sounder Current	Nominal Voltage	Voltage Range
STA2DC012[x]	500mA	155mA	25mA	12 V DC	(10-14V)
STA2DC024[x]	250mA	155mA	25mA	24 V DC	(20-28V)
STA2AC115[x]	70mA	35mA	13mA	115V AC	(+/- 10%)
STA2AC230[x]	35mA	35mA	13mA	230V AC	(+/- 10%)
STA3DC012[x]	500mA	155mA	25mA	12 V DC	(10-14V)
STA3DC024[x]	250mA	155mA	25mA	24 V DC	(20-28V)
STA3AC115[x]	70mA	35mA	13mA	115V AC	(+/- 10%)
STA3AC230[x]	35mA	35mA	13mA	230V AC	(+/- 10%)
STA4DC012[x]	500mA	155mA	25mA	12 V DC	(10-14V)
STA4DC024[x]	250mA	155mA	25mA	24 V DC	(20-28V)
STA4AC115[x]	70mA	35mA	13mA	115V AC	(+/- 10%)
STA4AC230[x]	35mA	35mA	13mA	230V AC	(+/- 10%)

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C



STA4 with Sounder and 4 Beacons fitted.

STA3 with Sounder and 3 Beacons fitted.

STA2 with Sounder and 2 Beacons fitted.

B

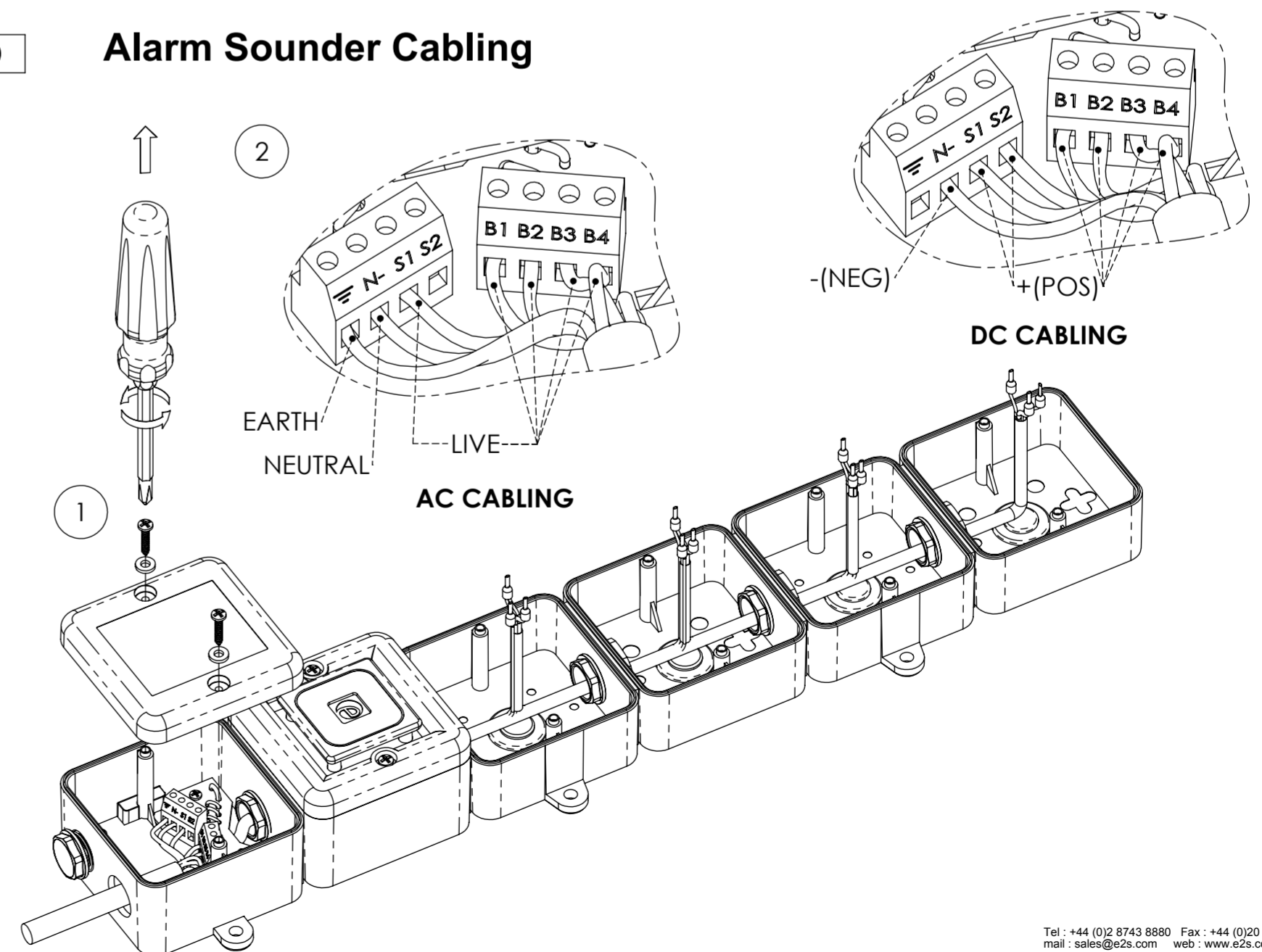
- ATTENTION:** Installation must be carried out by an electrician in compliance with the latest codes and regulations.
- ATTENTION:** Disconnect from power source before installation or service to prevent electric shock.
- ATTENTION:** On strobe beacons allow a minimum of 2 minutes for hazardous high voltage to discharge from unit.
- ATTENTION:** Lens on unit will be hot allow to cool prior to removal.
- ATTENTION:** Please check factory settings and ensure the correct alarm tone is selected for your country or application.

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D

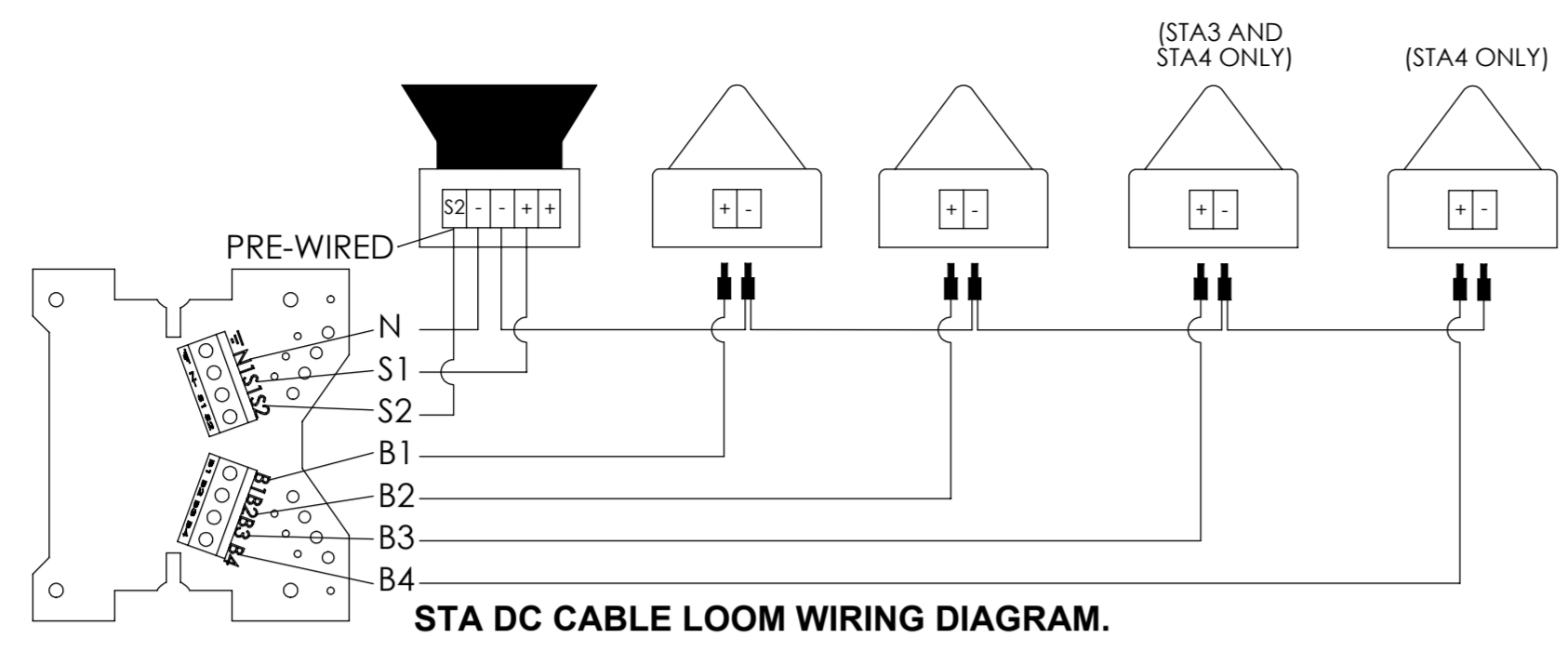
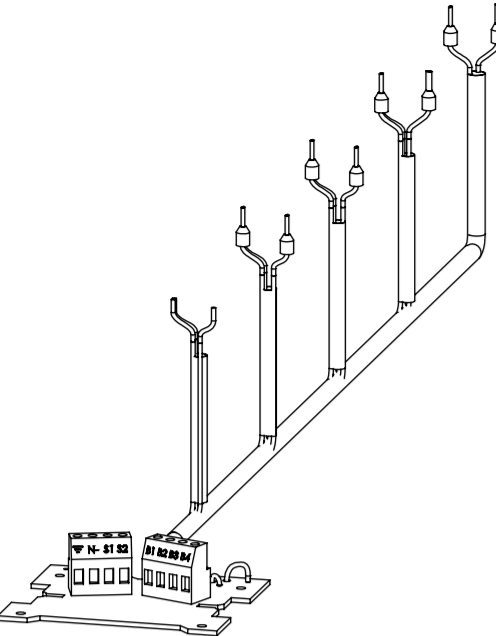
## Alarm Sounder Cabling



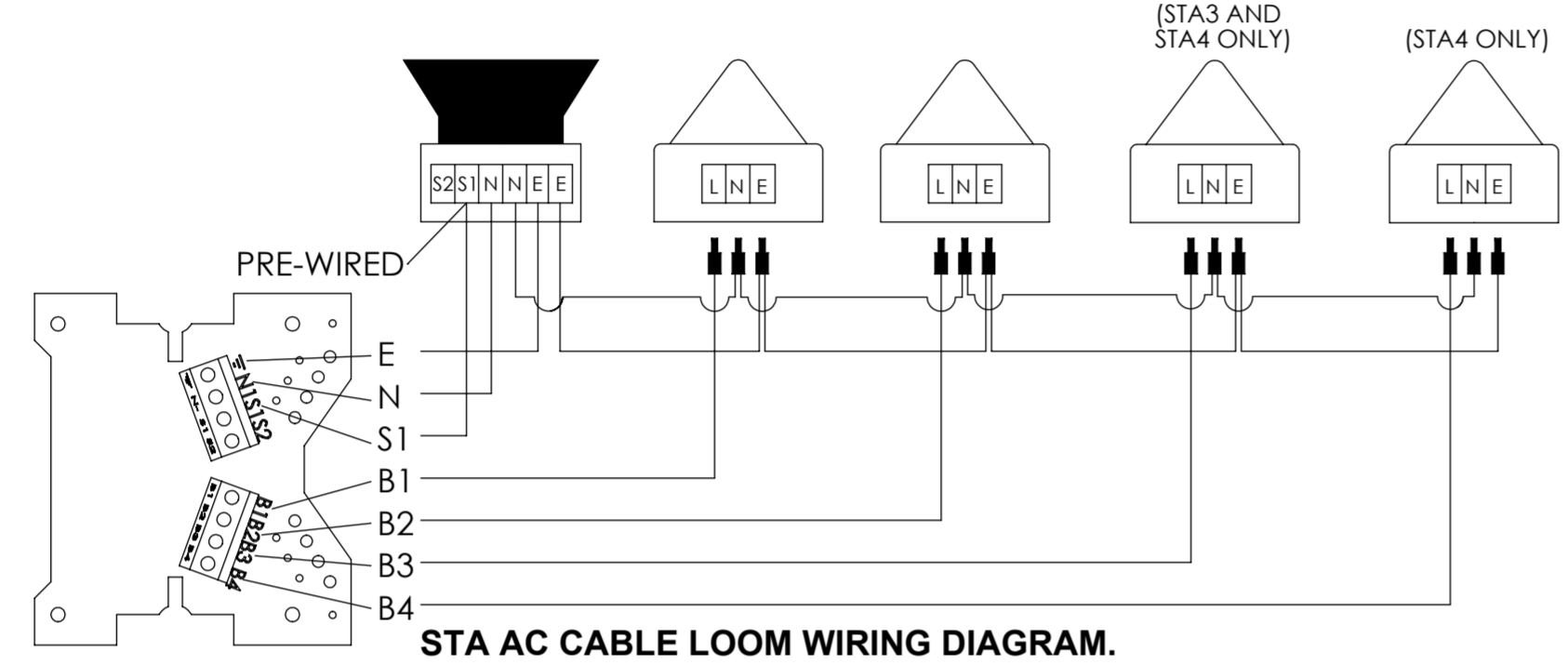
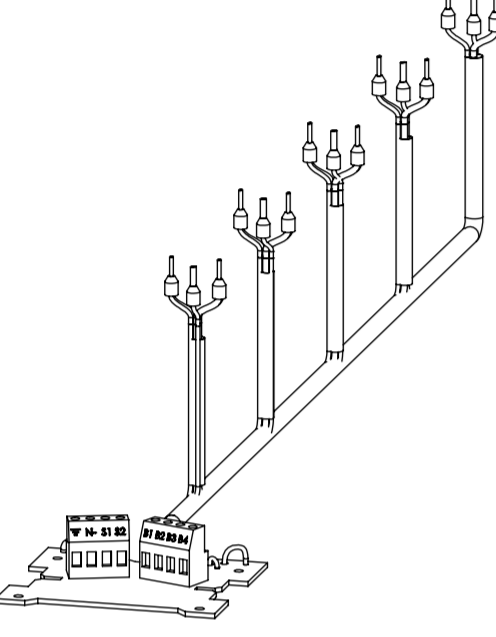
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 D171-00-001-IS\_SHT1\_ISSUE\_1



E



STA DC CABLE LOOM PRE-INSTALLED.



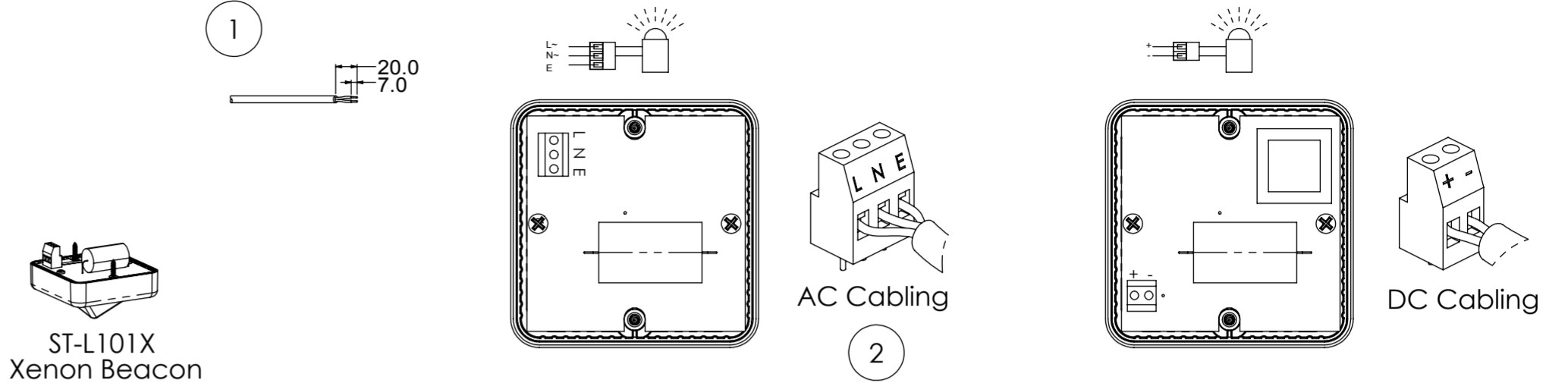
STA AC CABLE LOOM PRE-INSTALLED.

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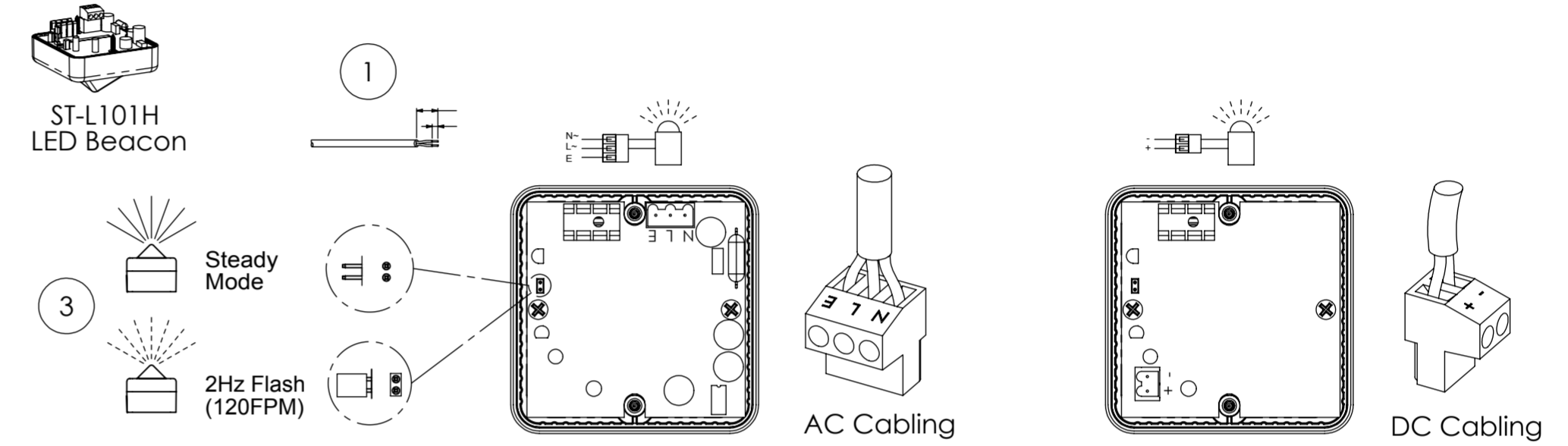


G

AC	DC	CABLE COLOR
EARTH	-	GREEN
LIVE	(+ tive)	BLACK
NEUTRAL	(- tive)	WHITE



ST-L101X Xenon Beacon



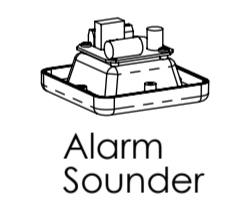
ST-L101H LED Beacon

Header Pin setting for steady and flashing modes

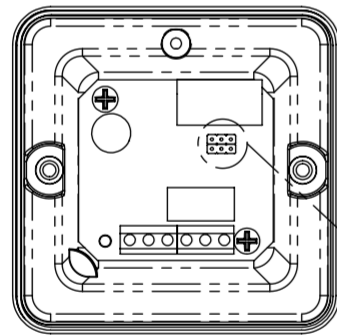
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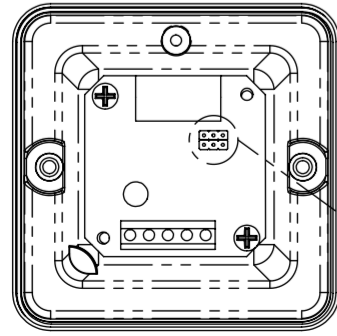
F



Alarm Sounder

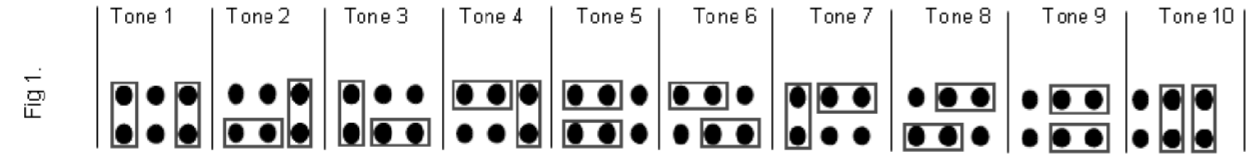


Alarm Sounder AC



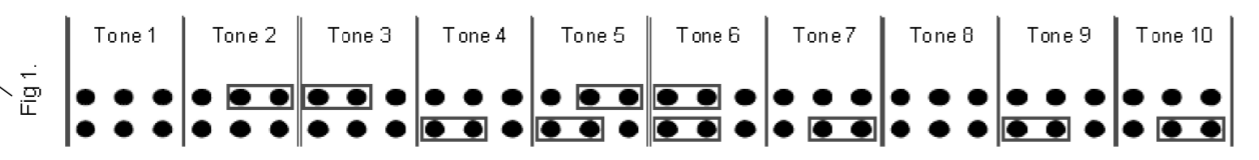
Alarm Sounder DC

Stage1 tone	Frequency Description	SONF1 AC dB@ 1m
Tone 1	800/1000Hz @ 0.25 sec Alternating	99dB(A) @ 1m
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	100dB(A) @ 1m
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	99dB(A) @ 1m
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	97E(A) @ 1m
Tone 5	1000Hz Continuous - PFEER Toxic Gas	100dB(A) @ 1m
Tone 6	Bell	95dB(A) @ 1m
Tone 7	800/1000Hz @ 7Hz Sweeping	99dB(A) @ 1m
Tone 8	2400/2900Hz @ 50Hz Sweeping	100dB(A) @ 1m
Tone 9	420Hz @ 0.625 sec Australian Alert	97dB(A) @ 1m
Tone 10	500-1200Hz 3.75sec / 0.25sec. Australian Evac.	100dB(A) @ 1m



NOTE: Tone Selection : to select a tone place the pin link in the position show above Fig.1

Stage1 tone	Frequency Description	SONF1 dB@ 1m	Stage2 (S2)
Tone 1	800/1000Hz @ 0.25 sec Alternating	99dB(A) @ 1m	Tone 8
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	100dB(A) @ 1m	Tone 1
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	99dB(A) @ 1m	Tone 8
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	97dB(A) @ 1m	Tone 9
Tone 5	Bell	95dB(A) @ 1m	Tone 1
Tone 6	800/1000Hz @ 7Hz Sweeping	99dB(A) @ 1m	Tone 8
Tone 7	500-1200Hz 3.75sec / 0.25sec. Australian Evac.	100dB(A) @ 1m	Tone 10
Tone 8	1000Hz Continuous - PFEER Toxic Gas	100dB(A) @ 1m	-
Tone 9	544Hz Continuous	97dB(A) @ 1m	-
Tone 10	420Hz @ 0.625 sec Australian Alert	97dB(A) @ 1m	-

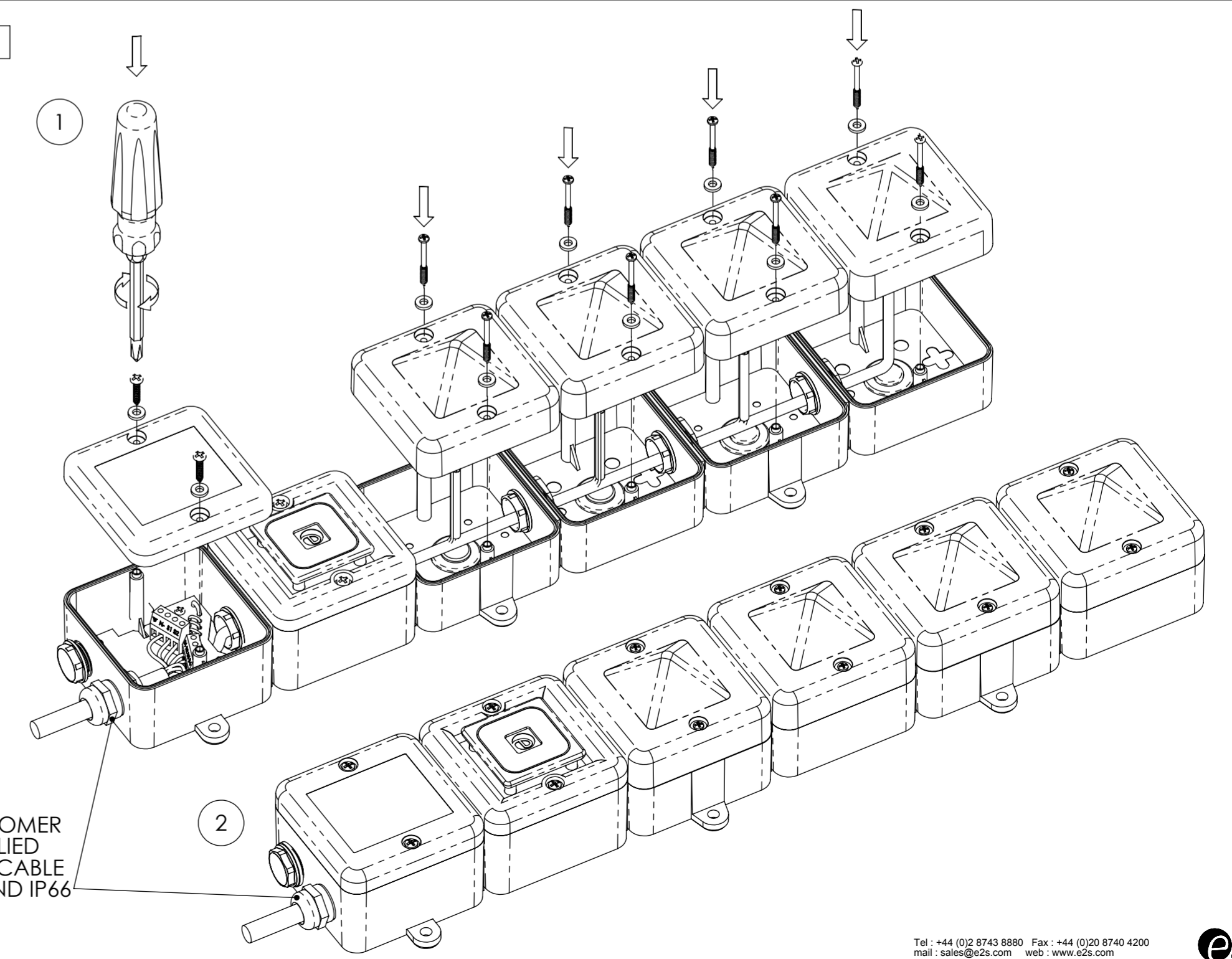


NOTE: Tone Selection : to select a tone place the pin link in the position show above (Fig.1). To set Tones 8, 9 or 10 as a first stage connect terminal 'S2' to '-' terminal.

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H



CUSTOMER SUPPLIED M20 CABLE GLAND IP66

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