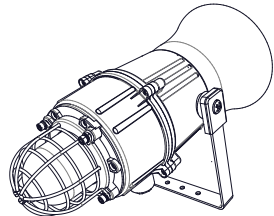
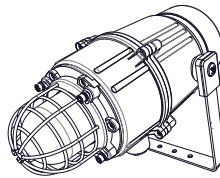


- IP67/66 & Type 4/4X/13
- -40°C to +66°C (-40°F to +151°F)
- 3Kg (6.5lb)
- CE, UKCA, EAC & Russian Maritime Register approved



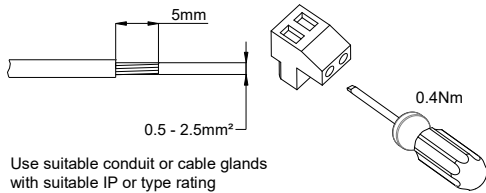
MC1X05F



MC1X05R

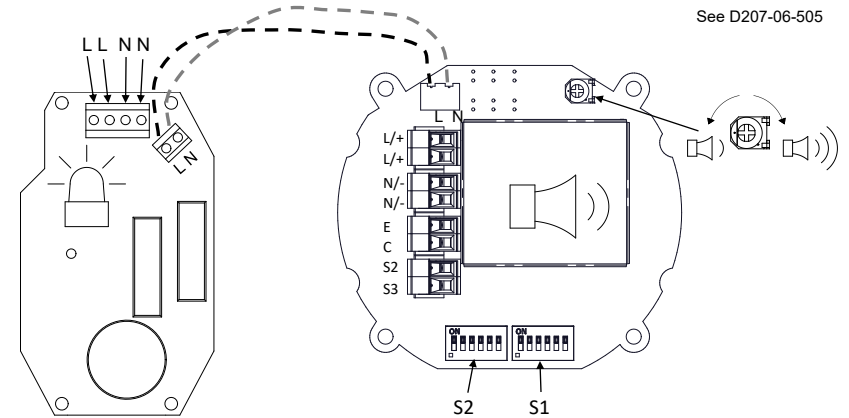
Unit Type Code	Nominal Voltage	Voltage Range	Nominal Beacon Current	Nominal Sounder Current	Sound Pressure Level, dB(A)		
					Max*	Nom [†]	\bar{x} [‡]
MC1X05FDC012	12 Vdc	10-14Vdc	550mA	280mA	116.6	113.7	112.7
MC1X05RDC012					113.6	110.7	109.7
MC1X05FDC024	24 Vdc	20-28 Vdc	300mA	224mA	116.6	113.7	112.7
MC1X05RDC024					113.6	110.7	109.7
MC1X05FDC048	48 Vdc	42-54 Vdc	180mA	122mA	116.6	113.7	112.7
MC1X05RDC048					113.6	110.7	109.7
MC1X05FAC115	115 Vac	115 Vac ±10% 50/60Hz	140mA	100mA	116.6	113.7	112.7
MC1X05RAC115					113.6	110.7	109.7
MC1X05FAC230	230 Vac	230 Vac ±10% 50/60Hz	55mA	64mA	116.6	113.7	112.7
MC1X05RAC230					113.6	110.7	109.7

*Max = Tone 4 / †Nominal = Tone 44 / ‡ \bar{x} = Average over 64 tones

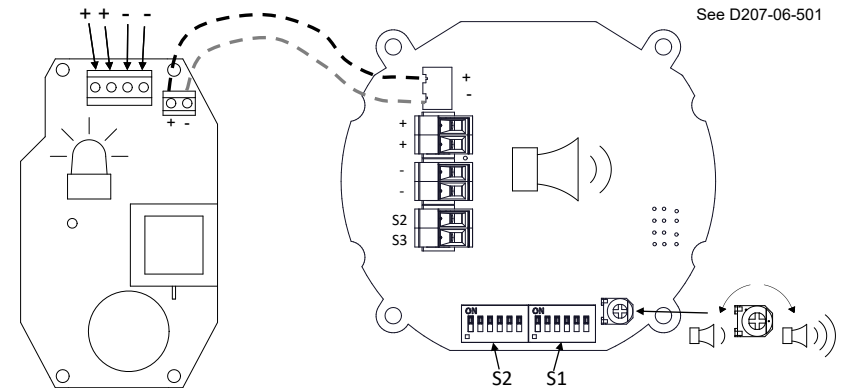


- Attention: Installation must be carried out by an electrician in compliance with the latest codes and regulations.
- Attention: L'installation doit être effectuée par un électricien conformément aux derniers codes et réglementations.
- Achtung: Die Installation muss von einem Elektriker gemäß den neuesten Vorschriften und Bestimmungen durchgeführt werden.
- Attenzione: L'installazione deve essere eseguita da un elettricista in conformità con i codici e le normative più recenti.
- Atención: La instalación debe ser realizada por un electricista de acuerdo con los últimos códigos y regulaciones.
- Atenção: A instalação deve ser realizada por um electricista de acordo com os códigos e regulamentos mais recentes.
- ВНИМАНИЕ: установка должна выполняться электриком в соответствии с последними нормами и правилами.
- Attention: Disconnect from power source before installation or service to prevent electric shock
- Attention: Débranchez-le de la source d'alimentation avant l'installation ou l'entretien pour éviter tout choc électrique.
- Achtung: Vor Installation oder Wartung von der Stromquelle trennen, um einen Stromschlag zu vermeiden.
- Attenzione: scollegare dall'alimentazione prima dell'installazione o dell'assistenza per evitare scosse elettriche.
- Atención: desconéctelo de la fuente de alimentación antes de la instalación o el servicio para evitar descargas eléctricas.
- Atenção: Desconecte da fonte de alimentação antes da instalação ou serviço para evitar choque elétrico
- ВНИМАНИЕ: отключите от источника питания перед установкой или обслуживанием, чтобы предотвратить поражение электрическим током.

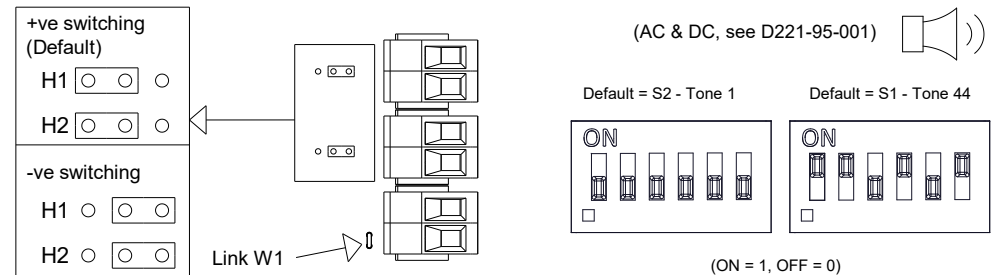
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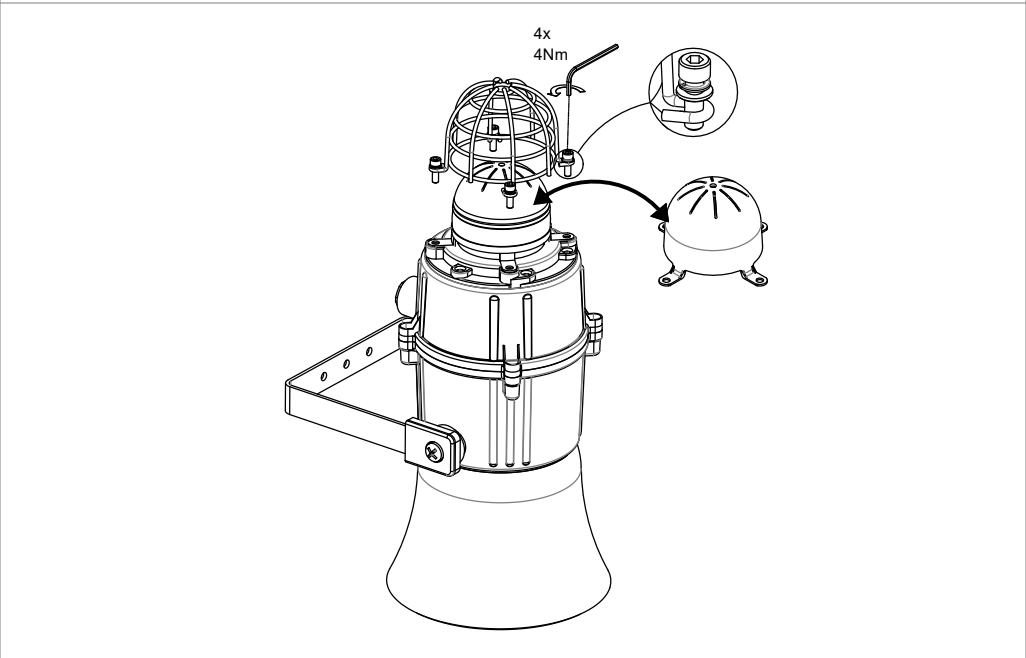
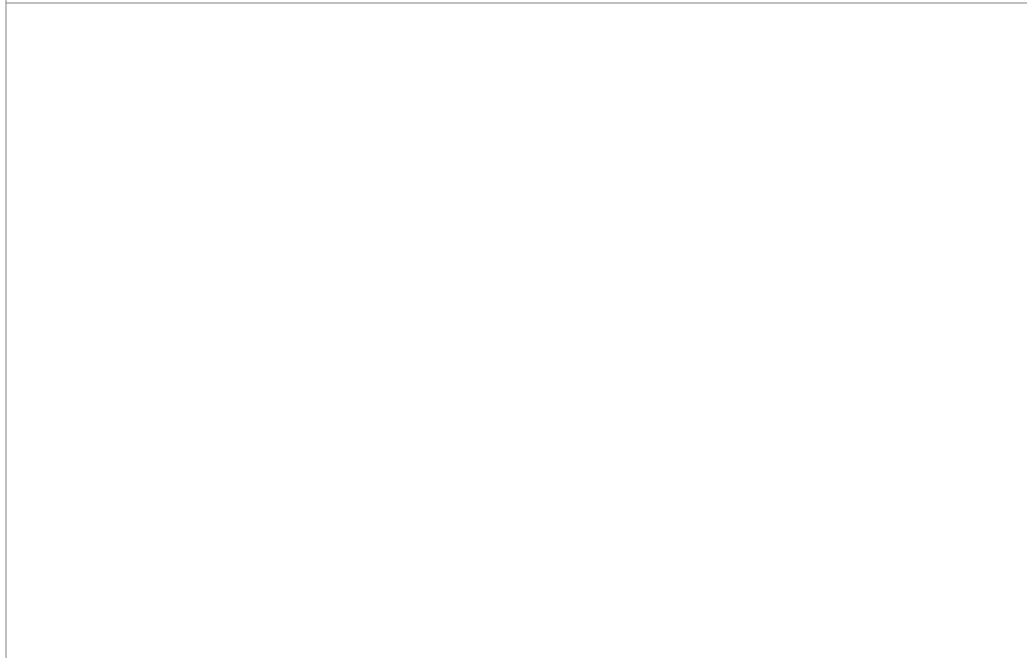
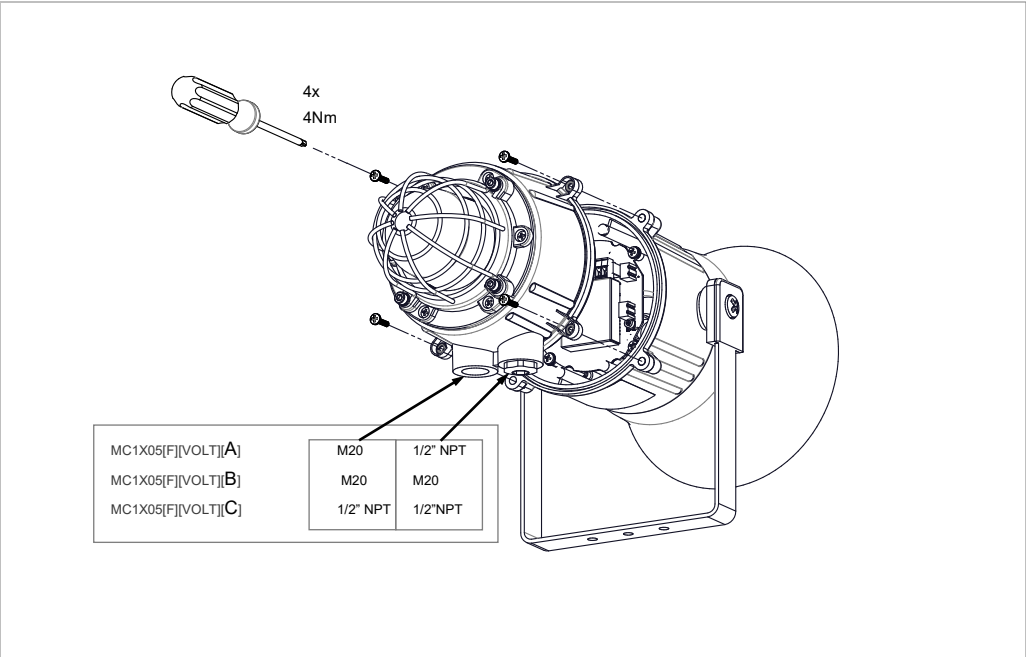
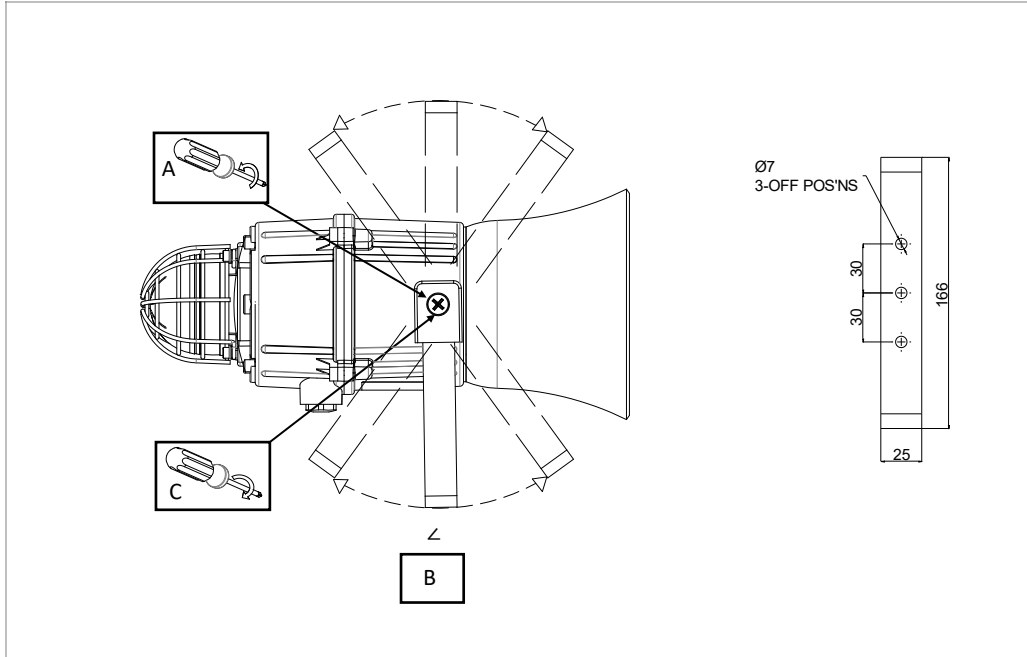


DC



(DC Only, see D207-06-001)






Stage 1 Set DIP SW 1 Tone No.	Tone Description	Tone Visual	Stage 1 & 2 DIP SW 1/2 Settings 1 2 3 4 5 6	Stage 3 Set DIP SW 1 (S3)	Stage 4 Set DIP SW 1 (S2 + S3)
1	1000Hz PFEER Toxic Gas		000000	2	44
2	1200/500Hz @ 1Hz DIN /PFEER P.T.A.P.		100000	3	44
3	1000Hz @ 0.5Hz(1s on, 1soff) PFEER Gen. Alarm		010000	2	44
4	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s NF C 48-265		110000	24	1
5	544Hz(100mS)/440Hz (400mS) NF S 32-001		001000	19	1
6	1500/500Hz - (0.5s on , 0.5s off) x3 + 1s gap AS4428		101000	44	1
7	500-1500Hz Sweeping 2 sec on 1 sec off AS4428		011000	44	1
8	500/1200Hz @ 0.26Hz (3.3son, 0.5s off) Netherlands - NEN 2575		111000	24	35
9	1000Hz (1s on, 1s off)x7 + (7s on, 1s off) IMO Code 1a		000100	34	1
10	1000Hz (1s on, 1s off)x7 + (7s on, 1s off) IMO Code 1a		100100	34	1
11	420Hz(0.5s on, 0.5s off)x3 + 1s gap ISO 8201 Temporal Pattern		010100	1	8
12	1000Hz(0.5s on, 0.5s off)x3 + 1s gap ISO 8201 Temporal Pattern		110100	1	8
13	422/775Hz - (0.85 on, 0.5 off) x3 + 1s gap NFPA - Temporal Coded		001100	1	8
14	1000/2000Hz @ 1Hz Singapore		101100	3	35
15	300Hz Continuous (f=300)		011100	24	1
16	440Hz Continuous (f=440)		111100	24	1
17	470Hz Continuous (f=470)		000010	24	8
18	500Hz Continuous IMO code 2 (Low) (f=500)		100010	24	8
19	554Hz Continuous (f=554)		010010	24	8
20	660Hz Continuous (f=660)		110010	24	35
21	800Hz IMO code 2 (High) (f=800)		001010	24	35
22	1200Hz Continuous (f=1200)		101010	24	35
23	2000Hz Continuous (f=2000)		011010	3	35
24	2400Hz Continuous (f=2400)		111010	20	35
25	440Hz @0.83Hz (50 cycles/minute) Intermittent (f=440, a=0.6, b=0.6)		000110	44	8
26	470Hz @0.9Hz - 1.1s Intermittent (f=470, a=0.55, b=0.55)		100110	44	8
27	470Hz @5Hz - (5 cycles/second) Intermittent (f=470, a=0.1, b=0.1)		010110	44	8
28	544Hz @ 1.14Hz - 0.875s Intermittent (f=470, a=0.43, b=0.44)		110110	24	8
29	655Hz @ 0.875Hz Intermittent (f=655, a=0.57, b=0.57)		001110	24	8
30	660Hz @0.28Hz - 1.8sec on, 1.8sec off Intermittent (f=660, a=1.8, b=1.8)		101110	24	8
31	660Hz @3.34Hz - 150mS on, 150mS off Intermittent (f=660, a=0.15, b=0.15)		011110	24	8
32	745Hz @ 1Hz Intermittent (f=745, a=0.5, b=0.5)		111110	24	8
33	800Hz - 0.25sec on, 1 sec off Intermittent (f=800, a=0.25, b=1)		000001	24	8
34	800Hz @ 2Hz IMO code 3.a (High) Intermittent (f=800, a=0.25, b=0.25)		100001	24	19
35	1000Hz @ 1Hz Intermittent (f=1000, a=0.5, b=0.5)		010001	24	19
36	2400Hz @ 1Hz Intermittent (f=2400, a=0.5, b=0.5)		110001	24	19
37	2900Hz @ 5Hz Intermittent (f=2900, a=0.1, b=0.1)		001001	24	19
38	363/518Hz @ 1Hz Alternating (f=363, f1=518, a=0.1)		101001	8	19
39	450/500Hz @ 2Hz Alternating (f=450, f1=500, a=0.25)		011001	8	19
40	554/440Hz @ 1Hz Alternating (f=440, f1=554, a=0.5)		111001	24	19
41	554/440Hz @ 0.625Hz Alternating (f=440, f1=554, a=0.8)		000101	8	19
42	561/760Hz @0.83Hz (50 cycles/minute) Alternating (f=561, f1=760, a=0.6)		100101	8	19
43	780/600Hz @ 0.96Hz Alternating (f=600, f1=780, a=0.52)		010101	8	19
44	800/1000Hz @ 2Hz Alternating (f=800, f1=1000, a=0.25)		110101	24	19
45	970/800Hz @ 2Hz Alternating (f=800, f1=970, a=0.25)		001101	8	19
46	800/1000Hz @ 0.875Hz Alternating (f=800, f1=1000, a=0.57)		101101	24	19
47	2400/2900Hz @ 2Hz Alternating (f=2400, f1=2900, a=0.25)		011101	24	19
48	500/1200Hz @ 0.3Hz Sweeping (f=500, f1=1200, a=3.34)		111101	24	12
49	560/1055Hz @ 0.18Hz Sweeping (f=560, f1=1055, a=5.47)		000011	24	12
50	560/1055Hz @ 3.3Hz Sweeping (f=560, f1=1055, a=0.3)		100011	24	12
51	600/1250Hz @ 0.125Hz Sweeping (f=600, f1=1250, a=8)		010011	24	12
52	660/1200Hz @ 1Hz Sweeping (f=660, f1=1200, a=1)		110011	24	12
53	800/1000Hz @ 1Hz Sweeping (f=800, f1=1000, a=1)		001011	24	12
54	800/1000Hz @ 7Hz Sweeping (f=800, f1=1000, a=0.14)		101011	24	12
55	800/1000Hz @ 50Hz Sweeping (f=800, f1=1000, a=0.02)		011011	24	12
56	2400/2900Hz @ 7Hz Sweeping (f=2400, f1=2900, a=0.14)		111011	24	12
57	2400/2900Hz @ 1Hz Sweeping (f=2400, f1=2900, a=1)		000111	24	12
58	2400/2900Hz @ 50Hz Sweeping (f=2400, f1=2900, a=0.02)		100111	24	12
59	2500/3000Hz @ 2Hz Sweeping (f=2500, f1=3000, a=0.5)		010111	24	12
60	2500/3000Hz @ 7.7Hz Sweeping (f=2500, f1=3000, a=0.13)		110111	24	12
61	800Hz Motor Siren (f=800, a=1.6)		001111	24	12
62	1200Hz Motor Siren (f=1200, a=2)		101111	24	12
63	2400Hz Motor Siren (f=2400, a=1.7)		011111	24	12
64	Simulated Bell		111111	21	12

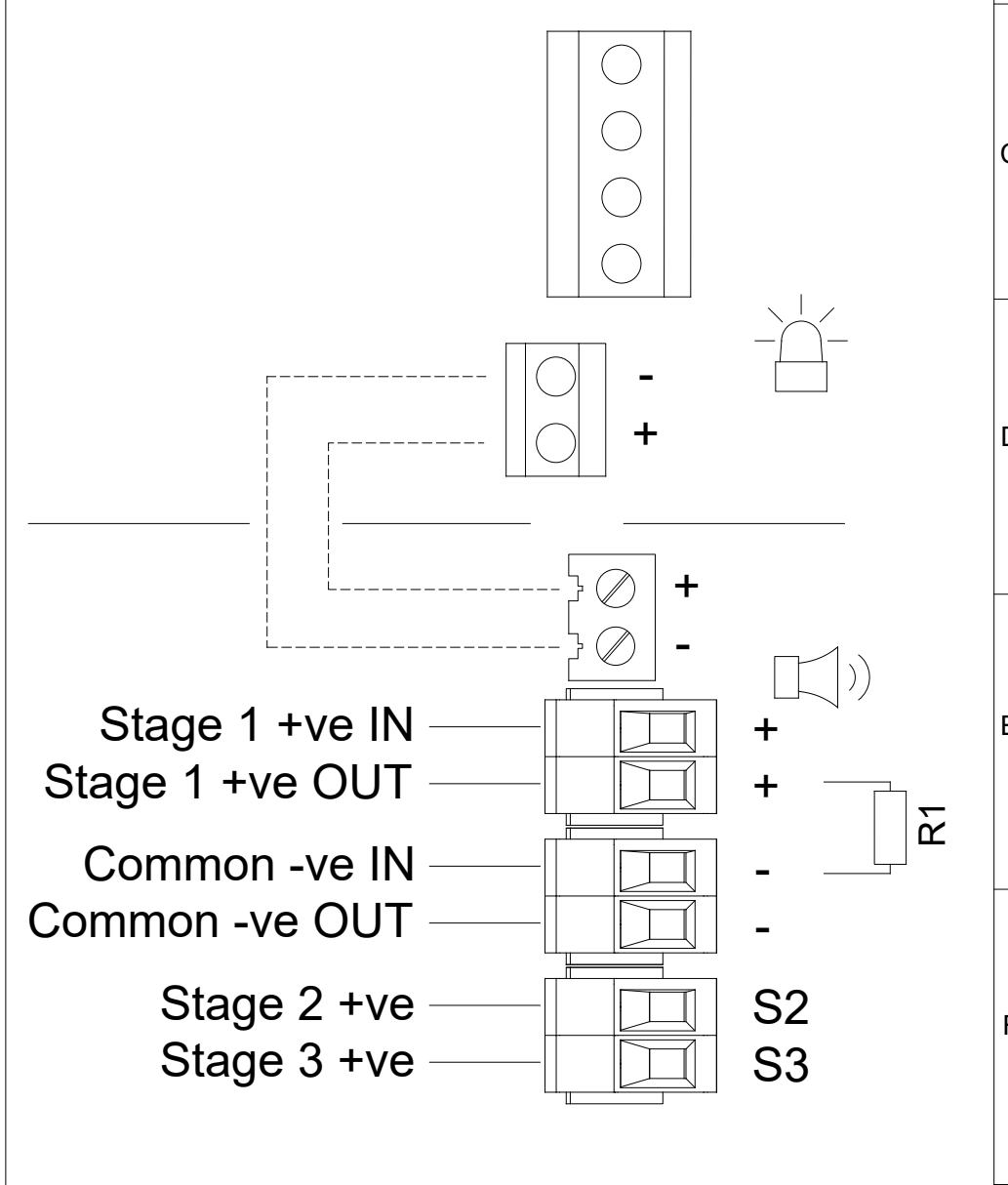
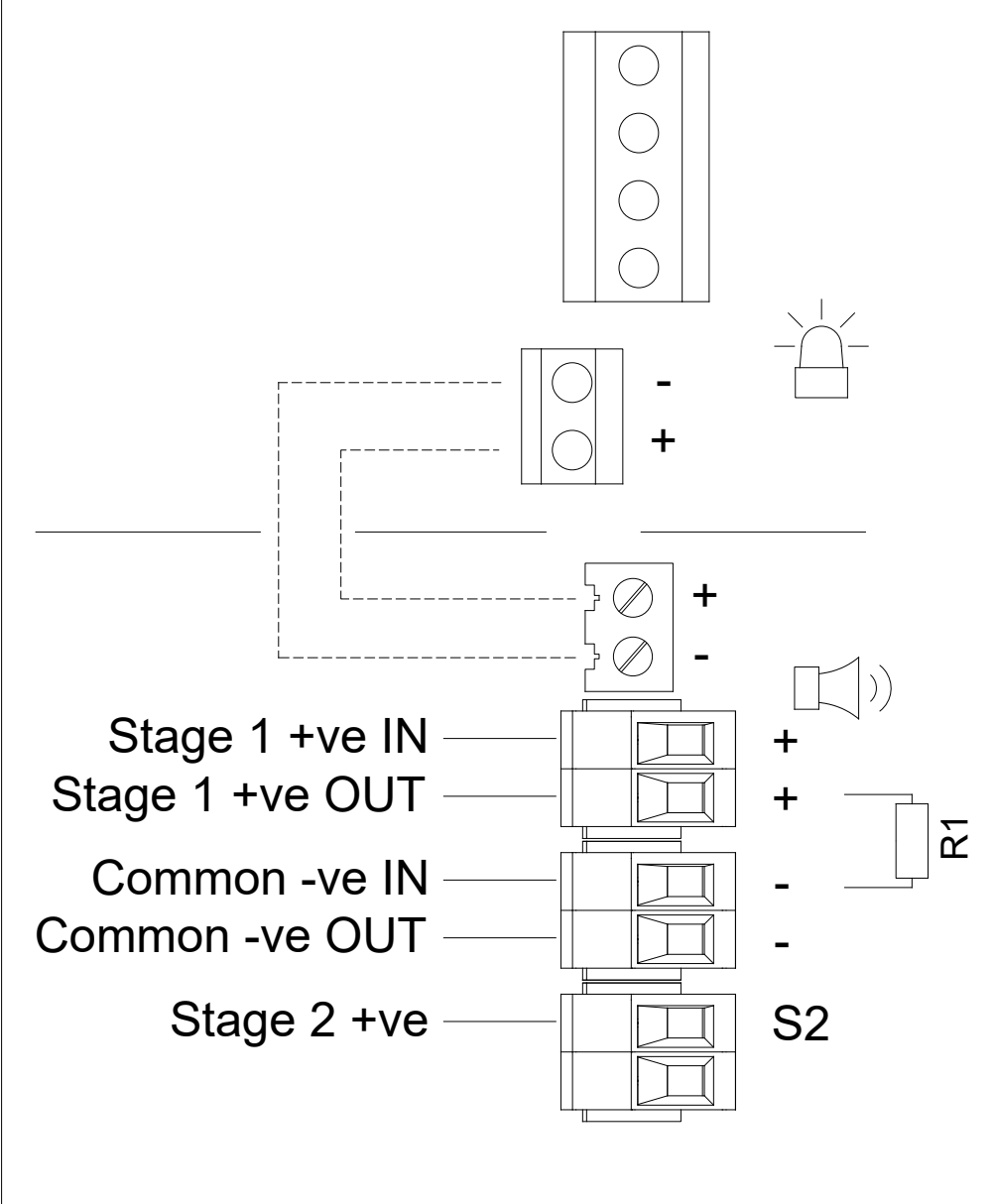
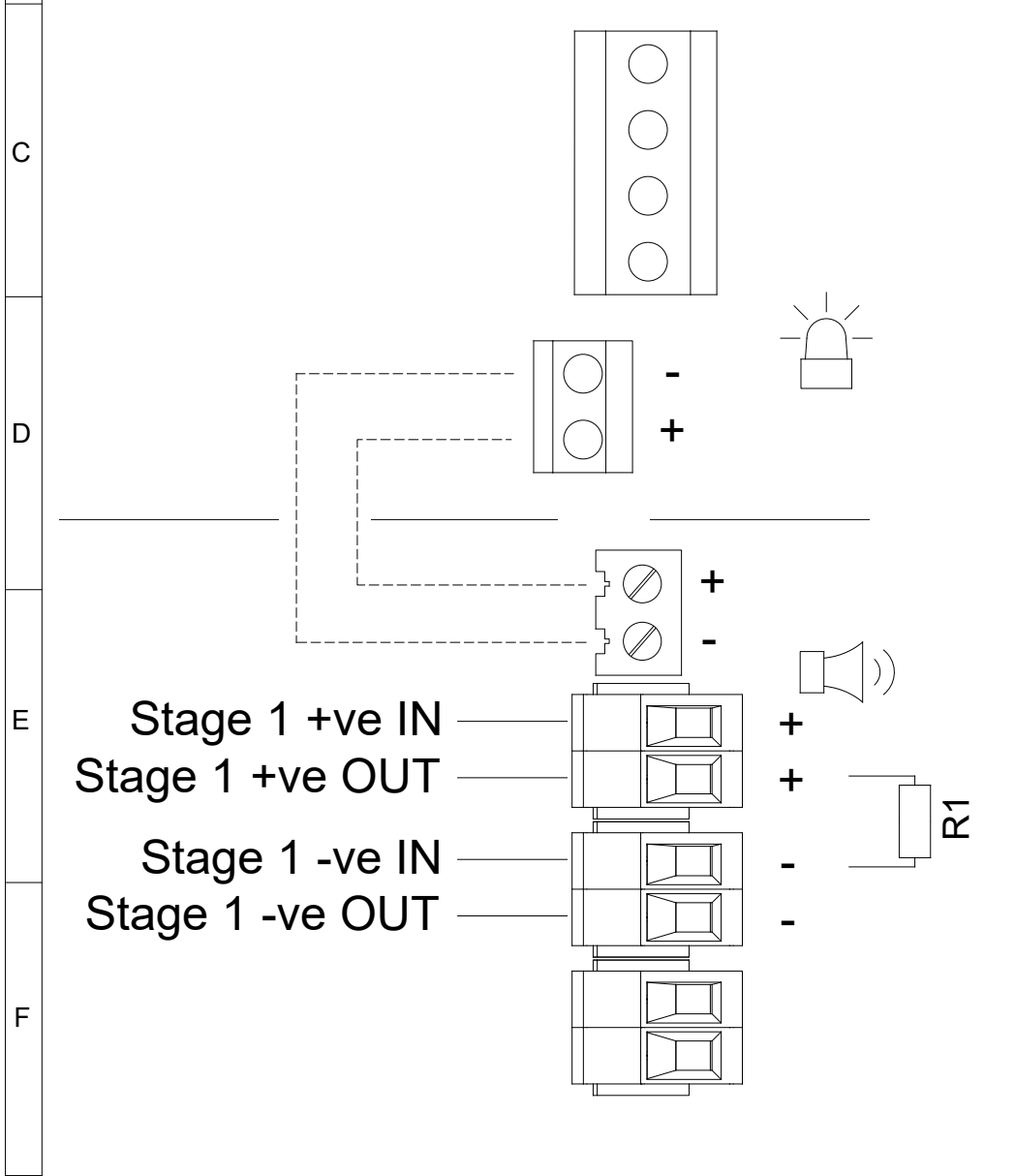
1	2	3	4	5	6	7	8	9	10
							ISSUE	MOD No.	REASON - INITIAL - DATE
							A		INTRODUCTION RSR - 05/03/2021
							B		Configuration titles amended RSR - 19/05/2021


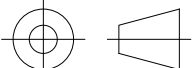
----- WIRING LINKING BEACON & SOUNDER
FACTORY FITTED

 OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,
RECOMMENDED MINIMUM VALUES:
14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN
28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN

Linked Sounder & Beacon Activation (Default)

Single Stage Configuration	Config.: 1a	Two Stage Configuration	Config.: 1b	Three/Four Stage Configuration	Config.: 1c
Line Monitoring Set to positive switching (default)		Common Negative Set to positive switching (default)		Common Negative Set to positive switching (default)	
Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve		Stage 1: Apply Power to Stage 1 +ve & Common -ve Stage 2: Apply Power to Stage 2 +ve & Common -ve		Stage 1: Apply Power to Stage 1 +ve & Common -ve Stage 2: Apply Power to Stage 2 +ve & Common -ve Stage 3: Apply Power to Stage 3 +ve & Common -ve Stage 4: Apply Power to Stage 2 +ve, Stage 3 +ve & Common -ve	

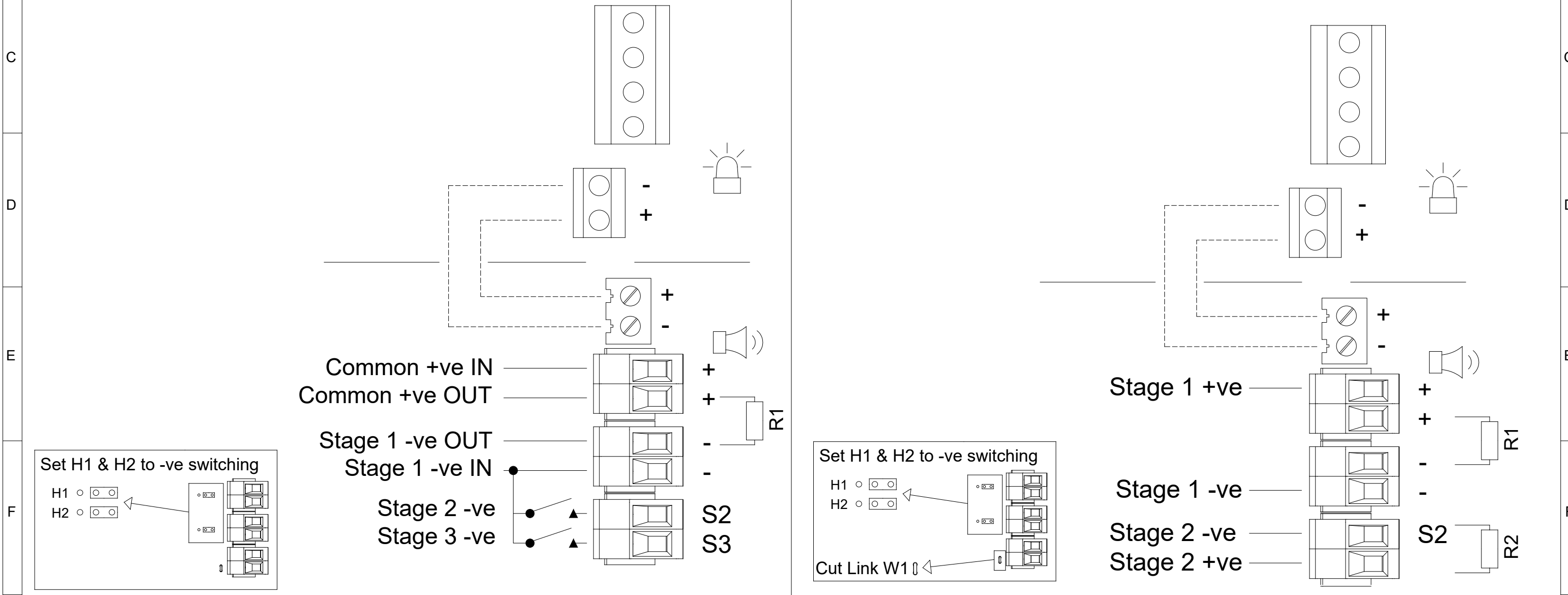


DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	<p>THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.</p> <p>© EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE</p>	 warning signals EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM		A3
	R.S.RAIT	05/03/2021					MATERIAL		
	STANDARDS	CHECKED	DATE	ALTERNATIVE MATERIAL			TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS		
	M RANGE	B.ISARD	05/03/2021				SCALE	SHEET	DRAWING NUMBER
	R.N.POTTS	05/03/2021		NTS	1 OF 6	D207-06-501			

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							ISSUE	MOD No.	REASON - INITIAL - DATE
----- WIRING LINKING BEACON & SOUNDER FACTORY FITTED							A		INTRODUCTION RSR - 05/03/2021
OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED, RECOMMENDED MINIMUM VALUES: 14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN 28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN							B		Configuration titles amended RSR - 19/05/2021
SWITCHES FOR STAGE OPERATION CUSTOMER SUPPLIED									

Linked Sounder & Beacon Activation (Default)

Three/Four Stages. Voltage Free 2nd, 3rd & 4th Stage Activation Configuration	Config.: 2	Two Stage Configuration	Config.: 3
Common Positive Customer Set H1 & H2 to Negative Switching (See Below)		Independent Stage Input Reverse Polarity Stage Monitoring	
Stage 1: Apply Power to Common +ve & Stage 1 -ve Stage 2: Apply Power to Common +ve & Stage 1 -ve & connect Stage 2 -ve to Stage 1 -ve Stage 3: Apply Power to Common +ve & Stage 1 -ve & connect Stage 3 -ve to Stage 1 -ve Stage 4: Apply Power to Common +ve & Stage 1 -ve & connect Stage 2 -ve & Stage 3 -ve to Stage 1 -ve		Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve Stage 2: Apply Power to Stage 1 +ve & Stage 1 -ve & connect Stage 2 -ve to Stage 1 -ve	

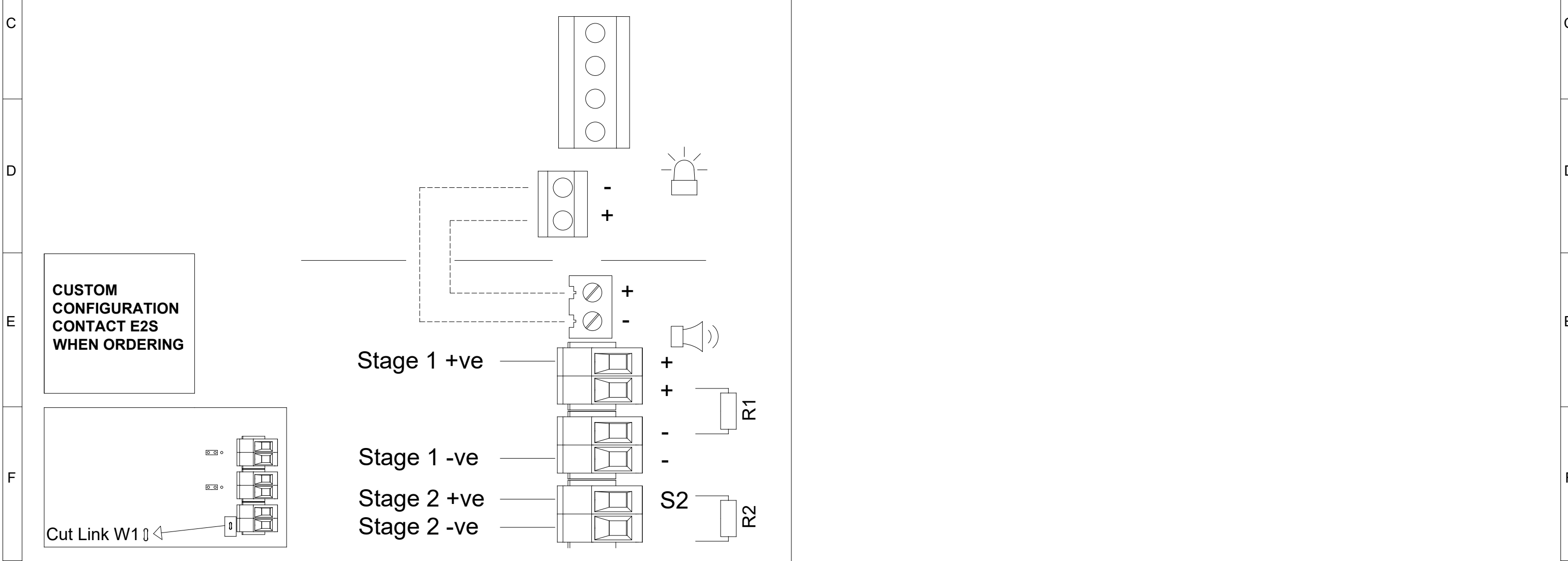


DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM		A3
	R.S.RAIT	05/03/2021	MATERIAL	IF IN DOUBT, ASK - DO NOT SCALE					
	CHECKED	DATE	ALTERNATIVE MATERIAL	TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS					
	B.ISARD	05/03/2021		SCALE			SHEET	DRAWING NUMBER	
STANDARDS	APPROVED	DATE					NTS	2 OF 6	D207-06-501
M RANGE	R.N.POTTS	05/03/2021							

1	2	3	4	5	6	7	8	9	10
							ISSUE	MOD No.	REASON - INITIAL - DATE
----- WIRING LINKING BEACON & SOUNDER FACTORY FITTED							A		INTRODUCTION RSR - 05/03/2021
OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED, RECOMMENDED MINIMUM VALUES: 14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN 28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN							B		Configuration titles amended RSR - 19/05/2021
SWITCHES FOR STAGE OPERATION CUSTOMER SUPPLIED									

Linked Sounder & Beacon Activation (Default)

Two Stage Configuration Config.: 4
independent Stage Input
 Line Stage Monitoring (Use suitable monitoring relays/modules)
 Not to be used for reverse polarity monitoring
 Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve
 Stage 2: Apply Power to Stage 2 +ve & Stage 2 -ve



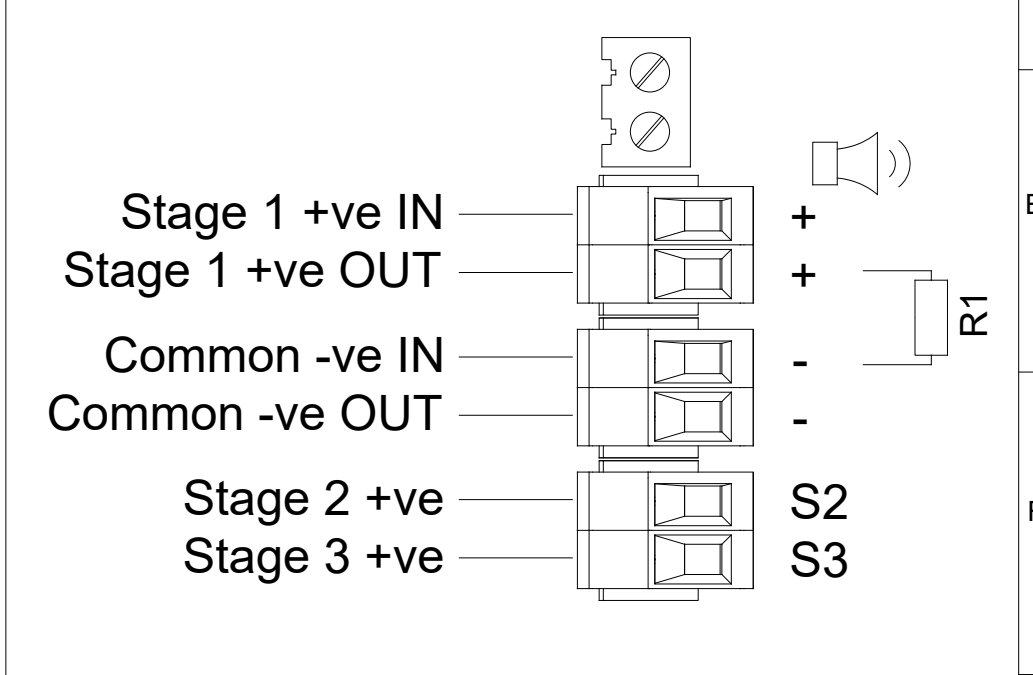
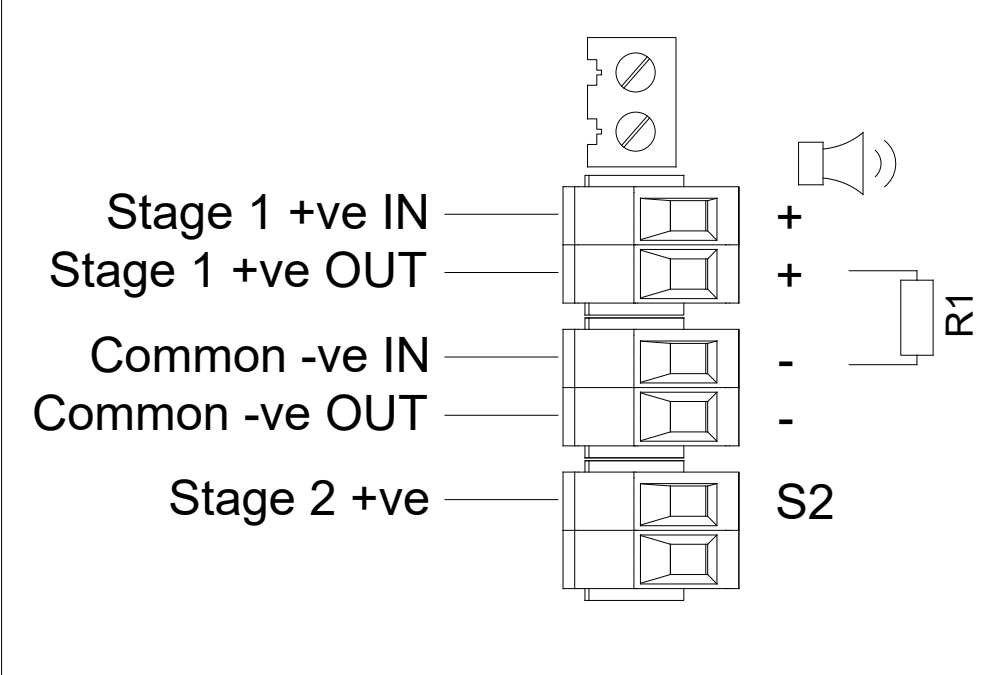
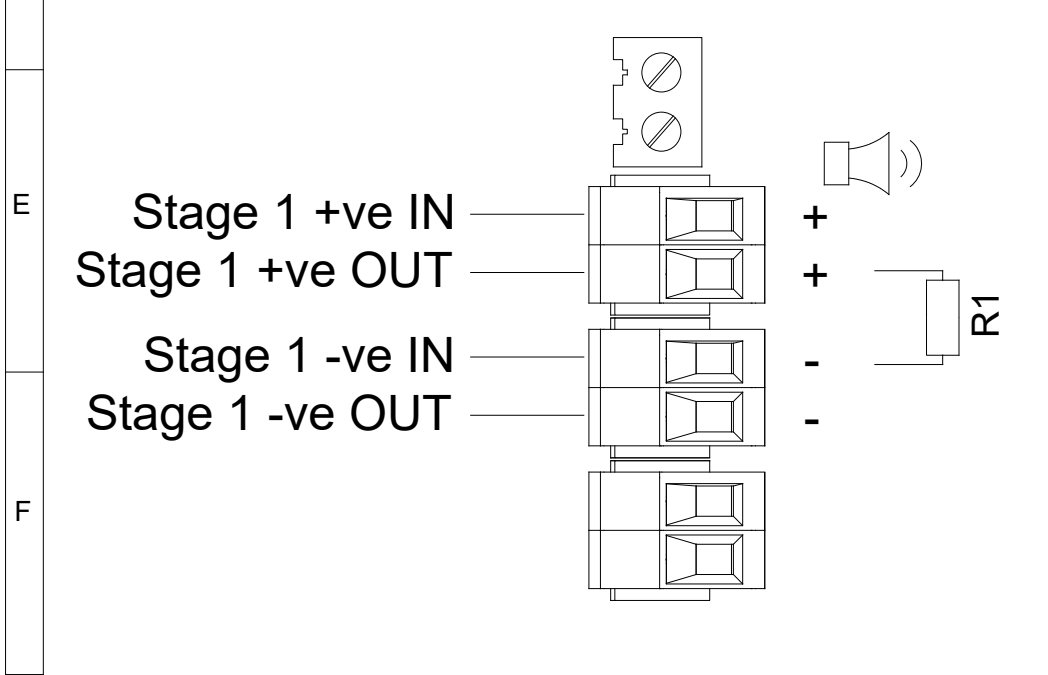
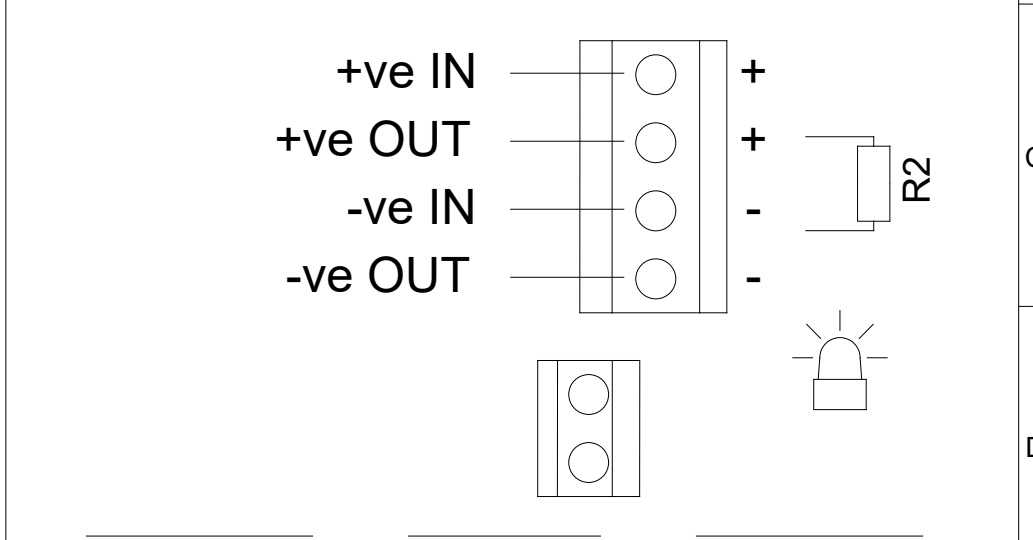
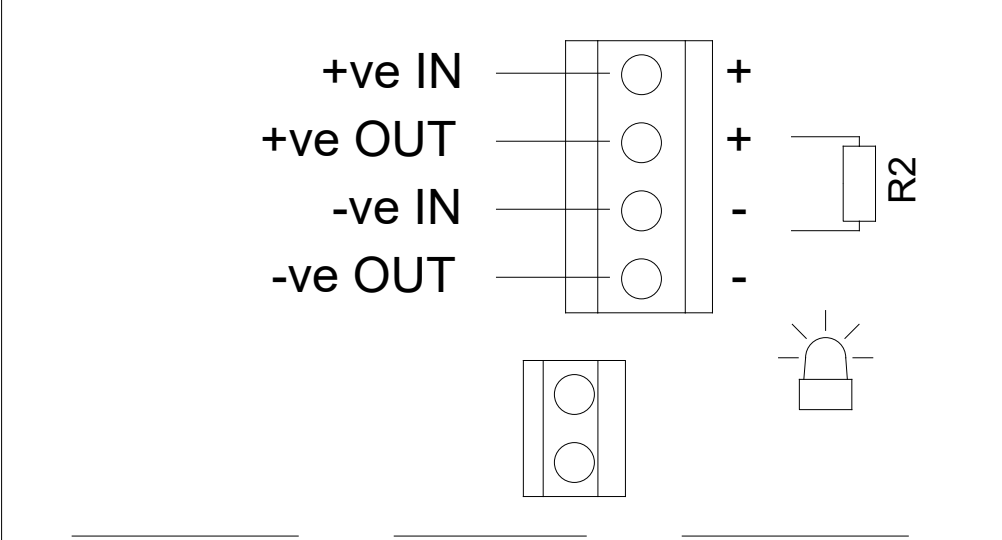
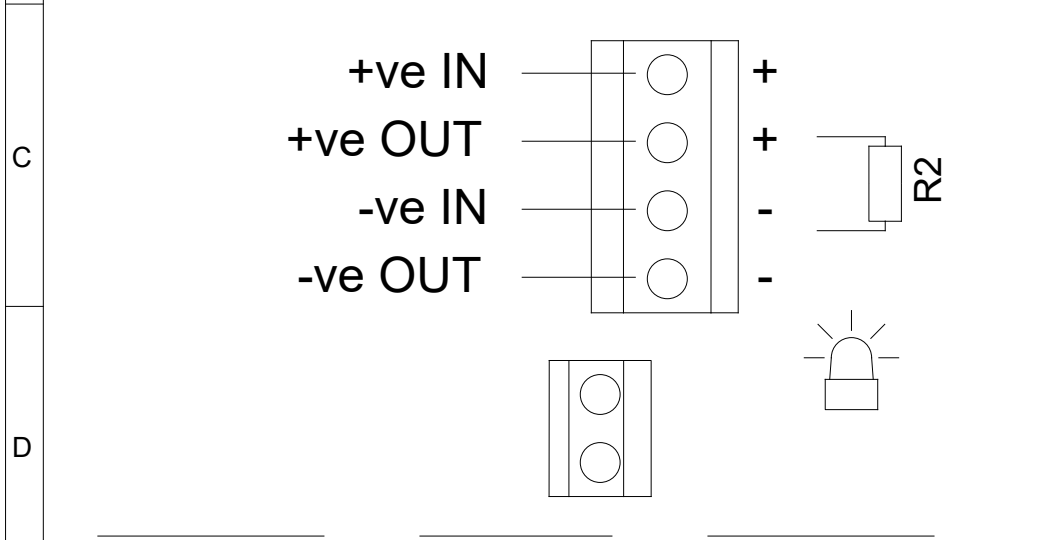
DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM		A3
	R.S.RAIT	05/03/2021	MATERIAL	IF IN DOUBT, ASK - DO NOT SCALE					
	CHECKED	DATE	ALTERNATIVE MATERIAL	TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS					
	B.ISARD	05/03/2021		SCALE			SHEET	DRAWING NUMBER	
STANDARDS	APPROVED	DATE					NTS	3 OF 6	D207-06-501
M RANGE	R.N.POTTS	05/03/2021							

1	2	3	4	5	6	7	8	9	10
							ISSUE	MOD No.	REASON - INITIAL - DATE
							A		INTRODUCTION RSR - 05/03/2021
							B		Configuration titles amended RSR - 19/05/2021

OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,
RECOMMENDED MINIMUM VALUES:
14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN
28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN

Independent Sounder & Beacon Activation (Remove Link Wires)


Single Stage Configuration	Config.: 5a	Two Stage Configuration	Config.: 5b	Three/Four Stage Configuration	Config.: 5c
Line Monitoring Set to positive switching (default)		Common Negative Set to positive switching (default)		Common Negative Set to positive switching (default)	
Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve		Stage 1: Apply Power to Stage 1 +ve & Common -ve Stage 2: Apply Power to Stage 2 +ve & Common -ve		Stage 1: Apply Power to Stage 1 +ve & Common -ve Stage 2: Apply Power to Stage 2 +ve & Common -ve Stage 3: Apply Power to Stage 3 +ve & Common -ve Stage 4: Apply Power to Stage 2 +ve, Stage 3 +ve & Common -ve	



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM		A3
	R.S.RAIT	05/03/2021	MATERIAL	IF IN DOUBT, ASK - DO NOT SCALE					
	CHECKED	DATE	ALTERNATIVE MATERIAL	TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS					
	B.ISARD	05/03/2021		SCALE			SHEET	DRAWING NUMBER	
STANDARDS	APPROVED	DATE					NTS	4 OF 6	D207-06-501
M RANGE	R.N.POTTS	05/03/2021							

1	2	3	4	5	6	7	8	9	10
							ISSUE	MOD No.	REASON - INITIAL - DATE
							A		INTRODUCTION RSR - 05/03/2021
							B		Configuration titles amended RSR - 19/05/2021

OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,
RECOMMENDED MINIMUM VALUES:
14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN
28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN

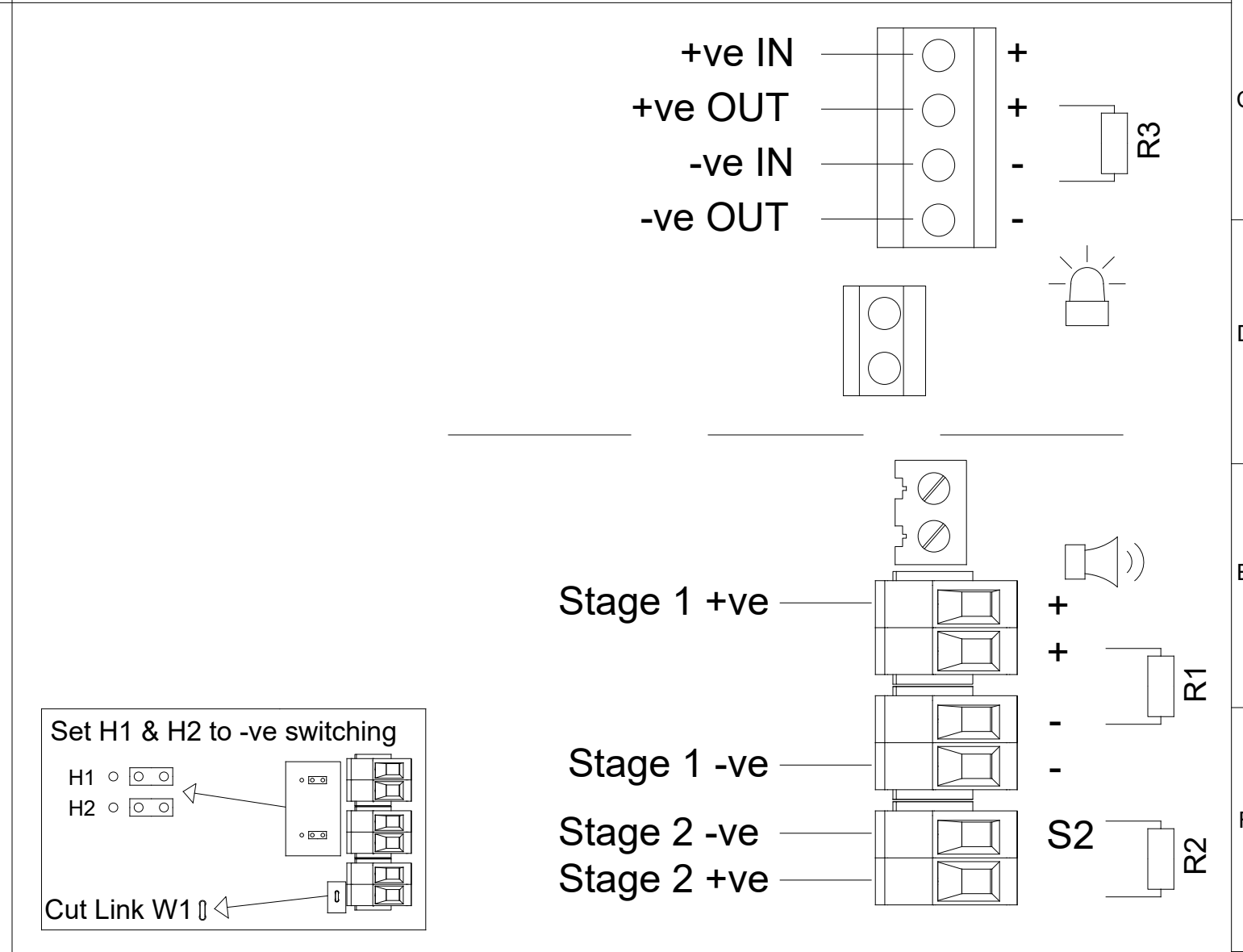
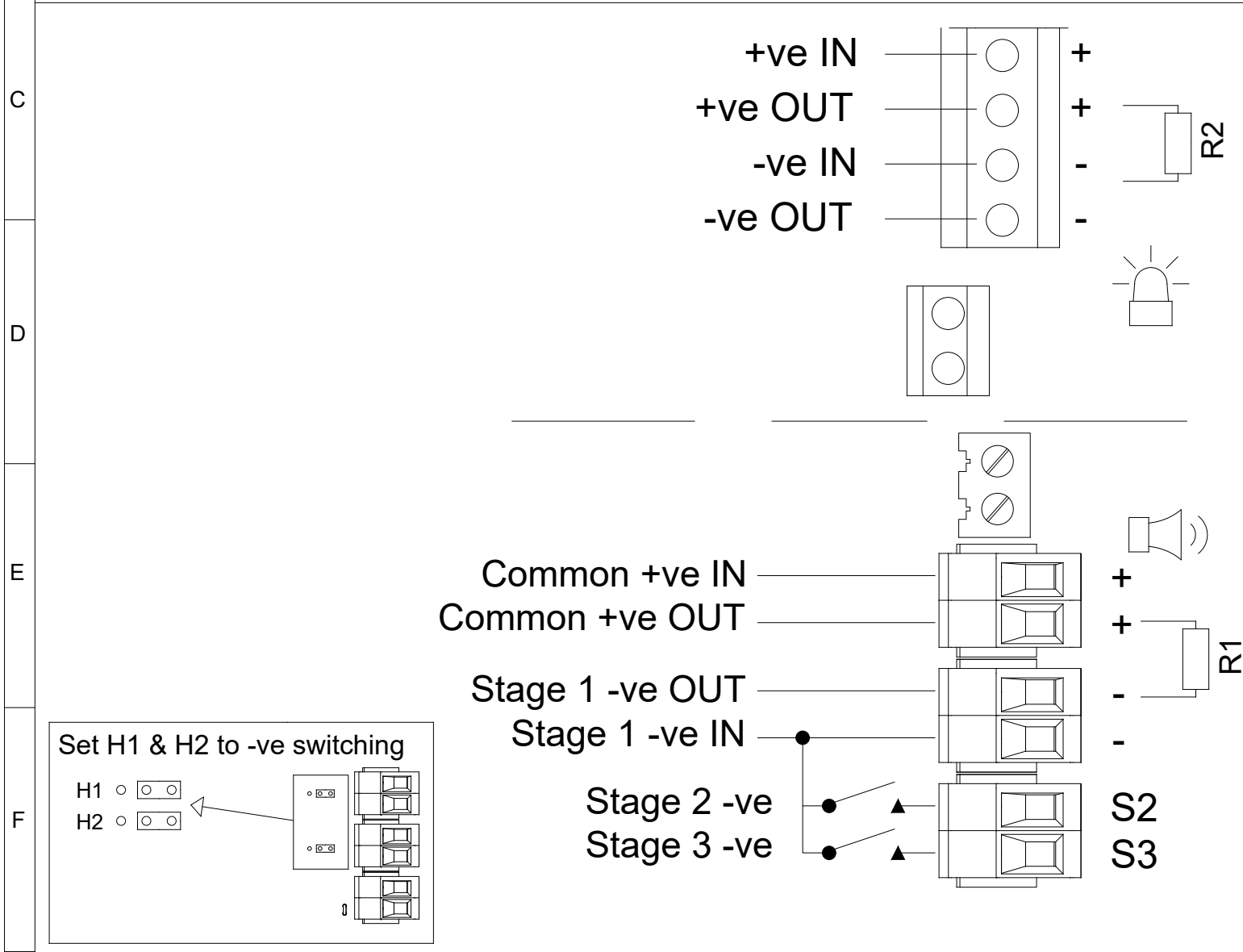



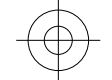
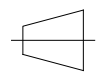
SWITCHES FOR STAGE OPERATION
CUSTOMER SUPPLIED



Independent Sounder & Beacon Activation (Remove Link Wire)


Three/Four Stages. Voltage Free 2nd, 3rd & 4th Stage Activation Configuration	Config.: 2	Two Stage Configuration	Config.: 7
Common Positive Customer Set H1 & H2 to Negative Switching (See Below)		Independent Stage Input Reverse Polarity Stage Monitoring	
Stage 1: Apply Power to Common +ve & Stage 1 -ve Stage 2: Apply Power to Common +ve & Stage 1 -ve & connect Stage 2 -ve to Stage 1 -ve Stage 3: Apply Power to Common +ve & Stage 1 -ve & connect Stage 3 -ve to Stage 1 -ve Stage 4: Apply Power to Common +ve & Stage 1 -ve & connect Stage 2 -ve & Stage 3 -ve to Stage 1 -ve		Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve Stage 2: Apply Power to Stage 1 +ve & Stage 1 -ve & connect Stage 2 -ve to Stage 1 -ve	



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT. © EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM	 	A3
	R.S.RAIT	05/03/2021					MATERIAL		
	STANDARDS	CHECKED	DATE	ALTERNATIVE MATERIAL			TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS		
	M RANGE	B.ISARD	05/03/2021				SCALE	SHEET	DRAWING NUMBER
	R.N.POTTS	05/03/2021		NTS	5 OF 6	D207-06-501			

1	2	3	4	5	6	7	8	9	10
							ISSUE	MOD No.	REASON - INITIAL - DATE
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OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,
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14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN
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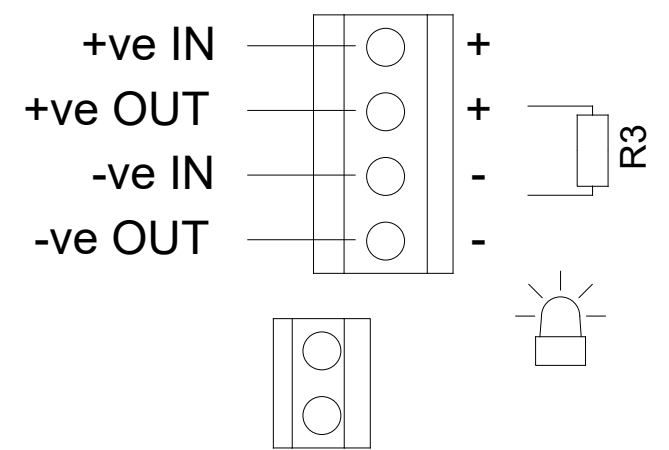
SWITCHES FOR STAGE OPERATION
CUSTOMER SUPPLIED



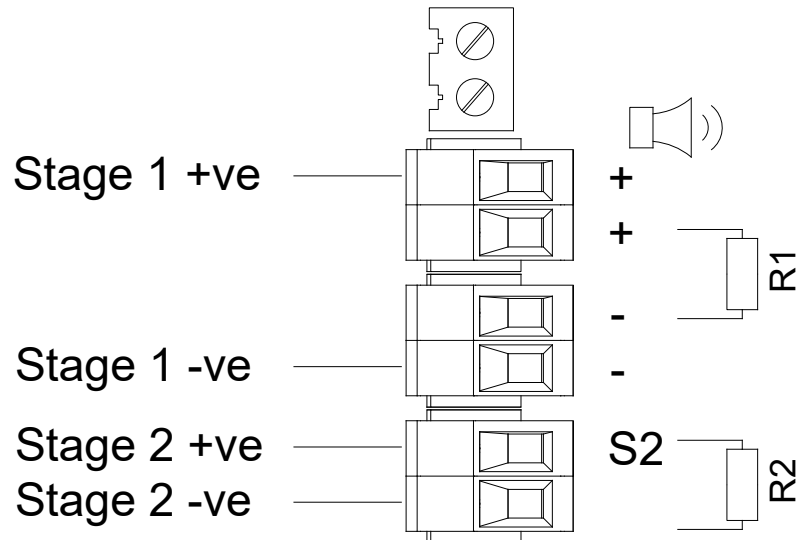
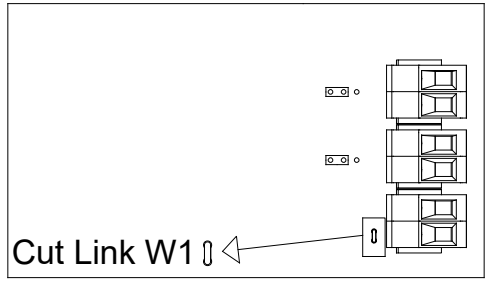
Independent Sounder & Beacon Activation (Remove Link Wires)




Two Stage Configuration
Independent Stage Input
Line Stage Monitoring (Use suitable monitoring relays/modules)
Not to be used for reverse polarity monitoring
Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve
Stage 1: Apply Power to Stage 2 +ve & Stage 2 -ve

Config.: 8



**CUSTOM
CONFIGURATION
CONTACT E2S
WHEN ORDERING**



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN R.S.RAIT	DATE 05/03/2021	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT. © EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM	 	A3
	CHECKED B.ISARD	DATE 05/03/2021	MATERIAL	TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS					
	STANDARDS M RANGE	APPROVED R.N.POTTS	DATE 05/03/2021	ALTERNATIVE MATERIAL			SCALE NTS	SHEET 6 OF 6	DRAWING NUMBER D207-06-501

----- WIRING LINKING BEACON & SOUNDER
FACTORY FITTED

SWITCHES FOR STAGE OPERATION
CUSTOMER SUPPLIED

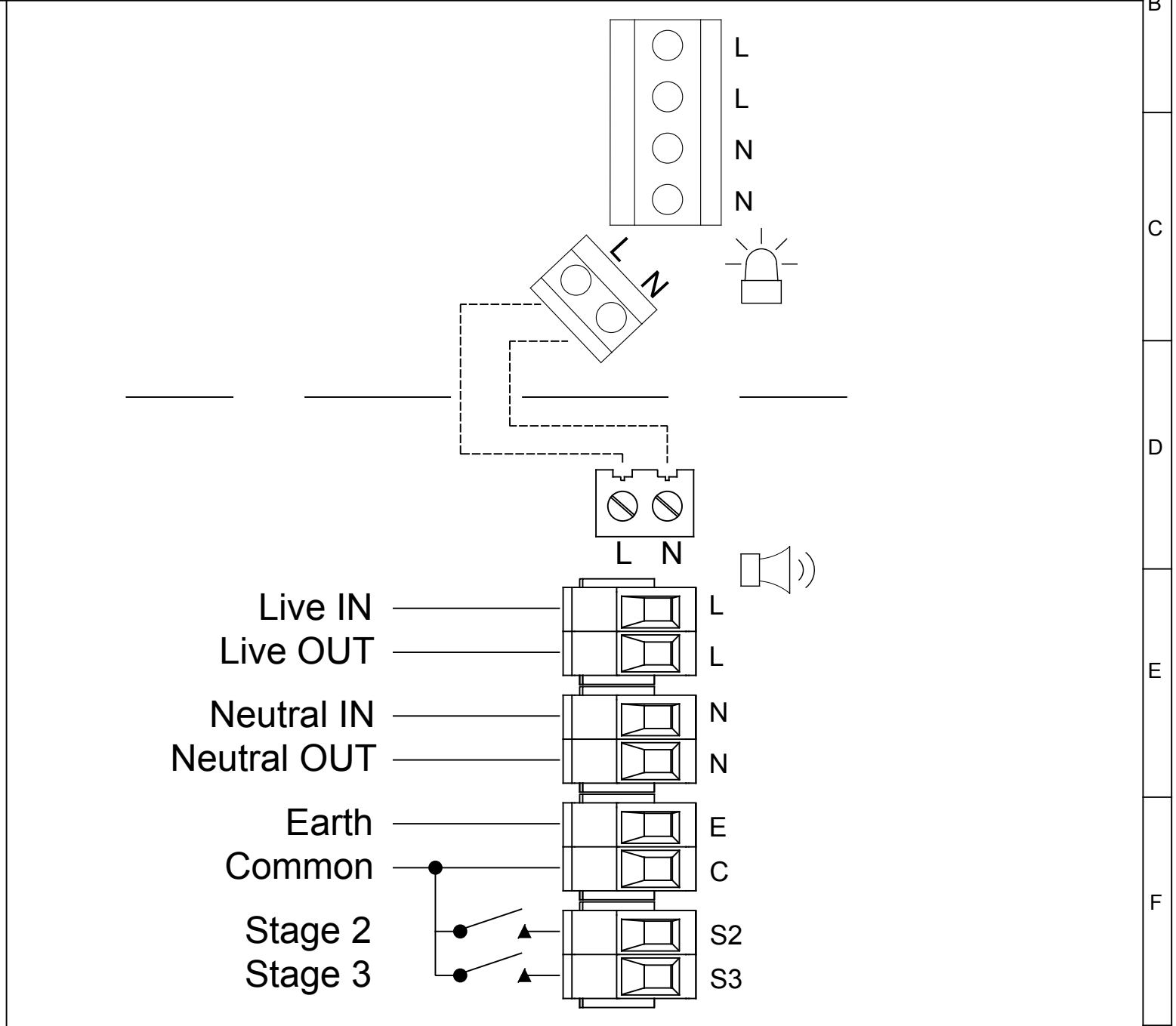
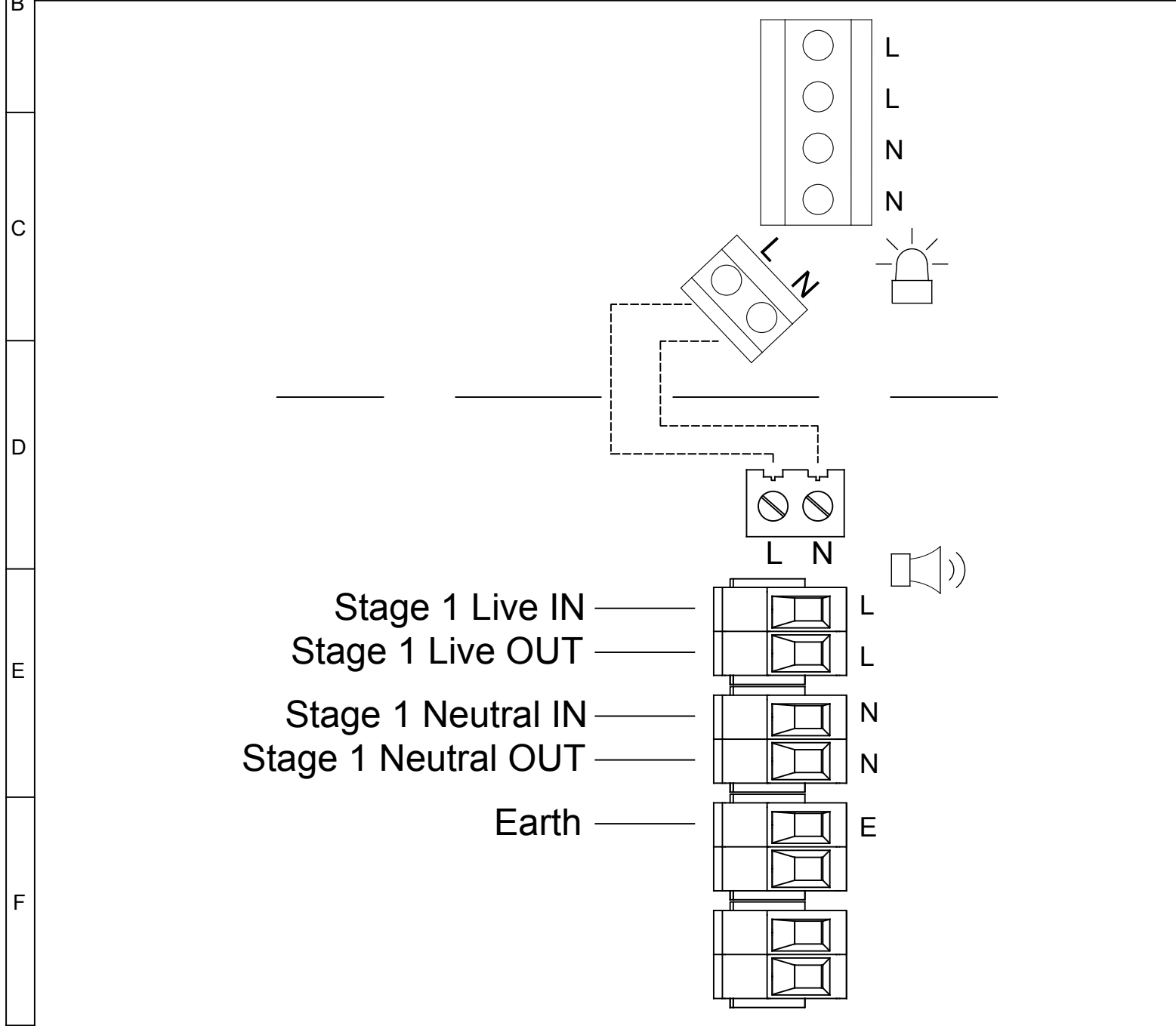
Linked Sounder & Beacon Activation (Default)

Single Stage Configuration Config.: 1a

Three/Four Stage Configuration Config.: 1b

Stage 1: Apply Power to Stage 1 Live & Stage 1 Neutral

Stage 1: Apply Power to Live & Neutral
Stage 2: Apply Power to Live & Neutral & connect Stage 2 to Common
Stage 3: Apply Power to Live & Neutral & connect Stage 3 to Common



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN	DATE	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.	 <small>warning signals</small> EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE		A3		
	CHECKED	DATE	MATERIAL				© EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE	TITLE MC1X05 AC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS			
	APPROVED	DATE					ALTERNATIVE MATERIAL		SCALE	SHEET	DRAWING NUMBER
M RANGE	R.S.RAIT	05/03/2021	B.ISARD	05/03/2021	NTS	1 OF 2			D207-06-505		

SWITCHES FOR STAGE OPERATION
 CUSTOMER SUPPLIED

Independent Sounder & Beacon Activation (Remove Link Wires)

Single Stage Configuration Stage 1: Apply Power to Stage 1 Live & Stage 1 Neutral	Config.: 2a	Three/Four Stage Configuration Stage 1: Apply Power to Live & Neutral Stage 2: Apply Power to Live & Neutral & connect Stage 2 to Common Stage 3: Apply Power to Live & Neutral & connect Stage 3 to Common	Config.: 2b
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