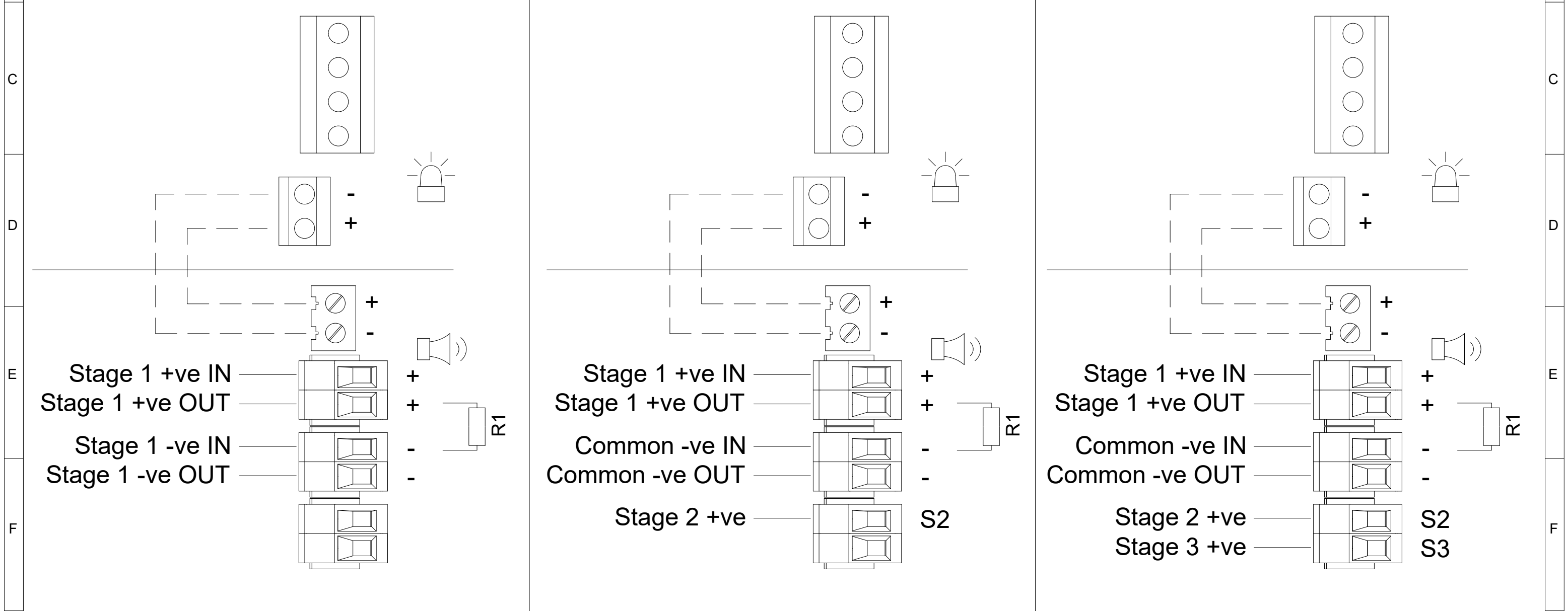


**Linked Sounder & Beacon Activation (Default)**

<b>Single Stage Configuration</b>	Config.: 1a	<b>Two Stage Configuration</b>	Config.: 1b	<b>Three/Four Stage Configuration</b>	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 <b>R.S.RAIT</b>	DATE <b>05/03/2021</b>	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	 warning signals EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE	<b>A3</b>		
STANDARDS <b>M RANGE</b>	CHECKED <b>B.ISARD</b>	DATE <b>05/03/2021</b>	MATERIAL	ALTERNATIVE MATERIAL			TITLE <b>MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS</b>	SCALE <b>NTS</b>	SHEET <b>1 OF 6</b>	DRAWING NUMBER <b>D207-06-501</b>
	APPROVED <b>R.N.POTTS</b>	DATE <b>05/03/2021</b>								

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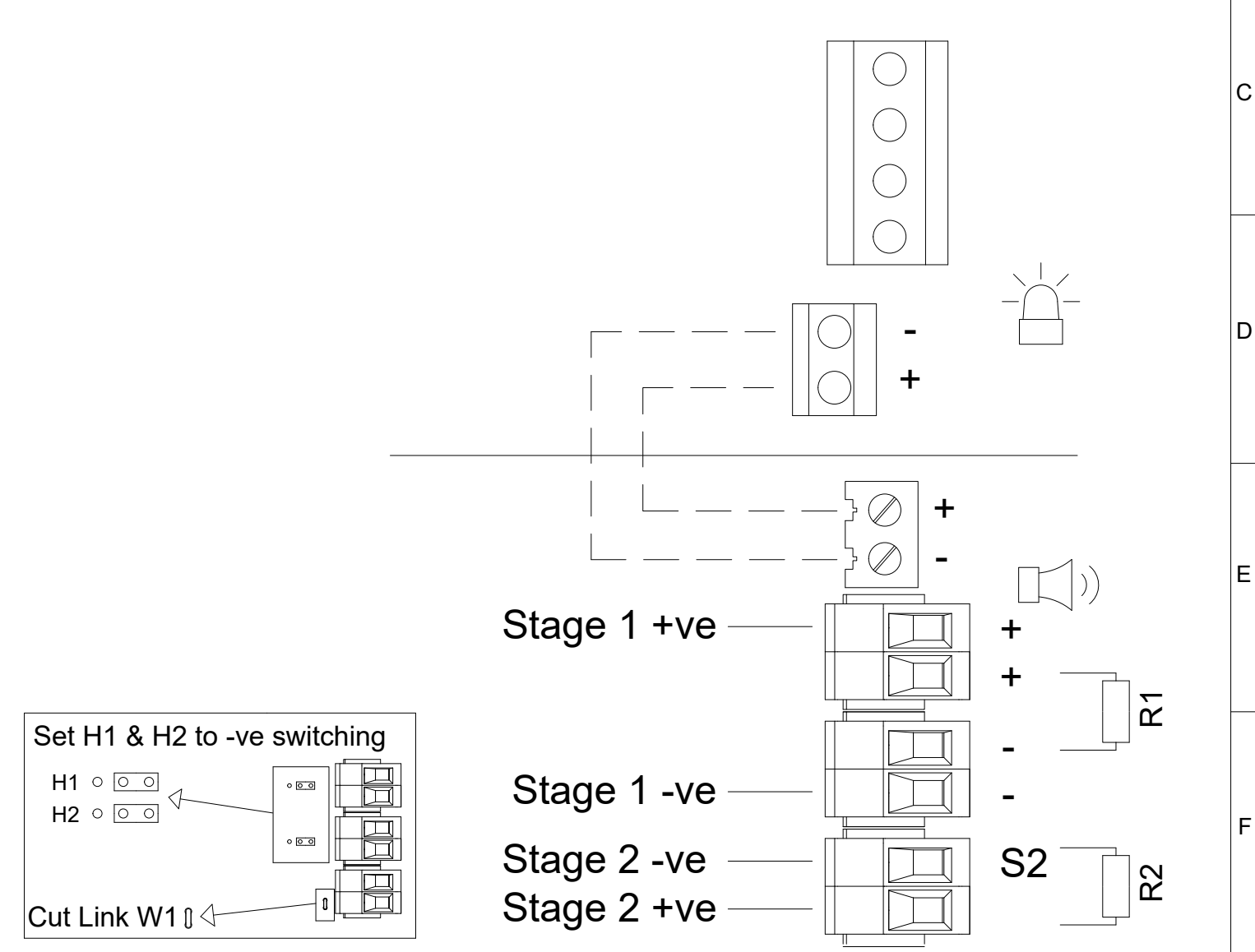
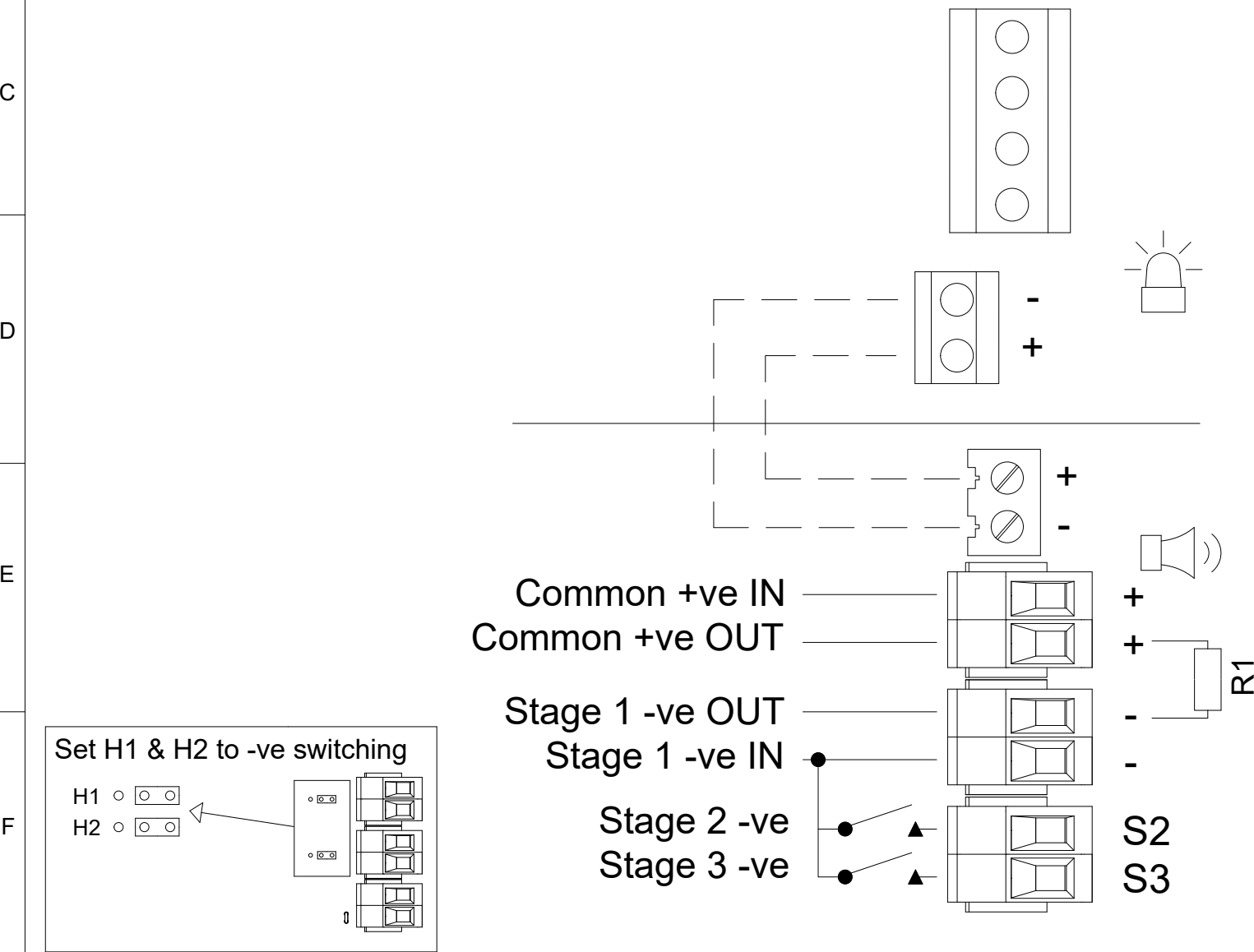
WIRING LINKING BEACON & SOUNDER  
FACTORY FITTED

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

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.	 warning signals EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM	  <b>A3</b>
	R.S.RAIT	05/03/2021					MATERIAL	
	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	© EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE			NTS	2 OF 6	D207-06-501
M RANGE	R.N.POTTS	05/03/2021						

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— — WIRING LINKING BEACON & SOUNDER  
FACTORY FITTED

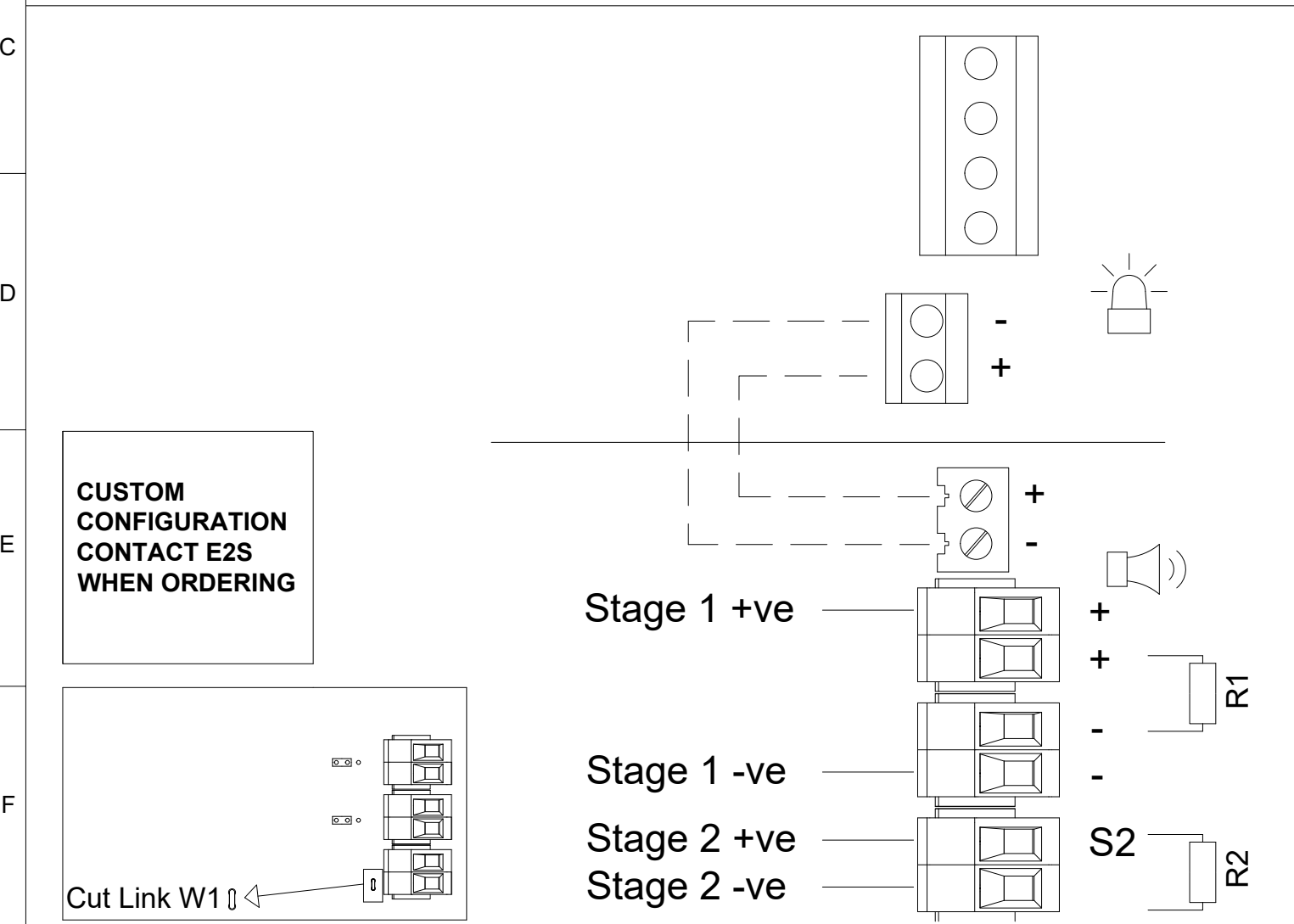
OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,  
RECOMMENDED MINIMUM VALUES:  
14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN  
28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN

SWITCHES FOR STAGE OPERATION  
CUSTOMER SUPPLIED

Linked Sounder & Beacon Activation (Default)

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 2: Apply Power to Stage 2 +ve & Stage 2 -ve

Config.: 4



DRAWING TO BS8888:2000  
GEOMETRIC TOLERANCES TO ISO1101:1983  
LINEAR DIMENSIONAL TOLS  
ANGULAR DIMENSIONAL TOLS

STANDARDS  
**M RANGE**

DRAWN	DATE
R.S.RAIT	05/03/2021
CHECKED	DATE
B.ISARD	05/03/2021
APPROVED	DATE
R.N.POTTS	05/03/2021

SURFACE FINISH	WEIGHT (Kg)
MATERIAL	
ALTERNATIVE MATERIAL	

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**e2S**  
warning signals

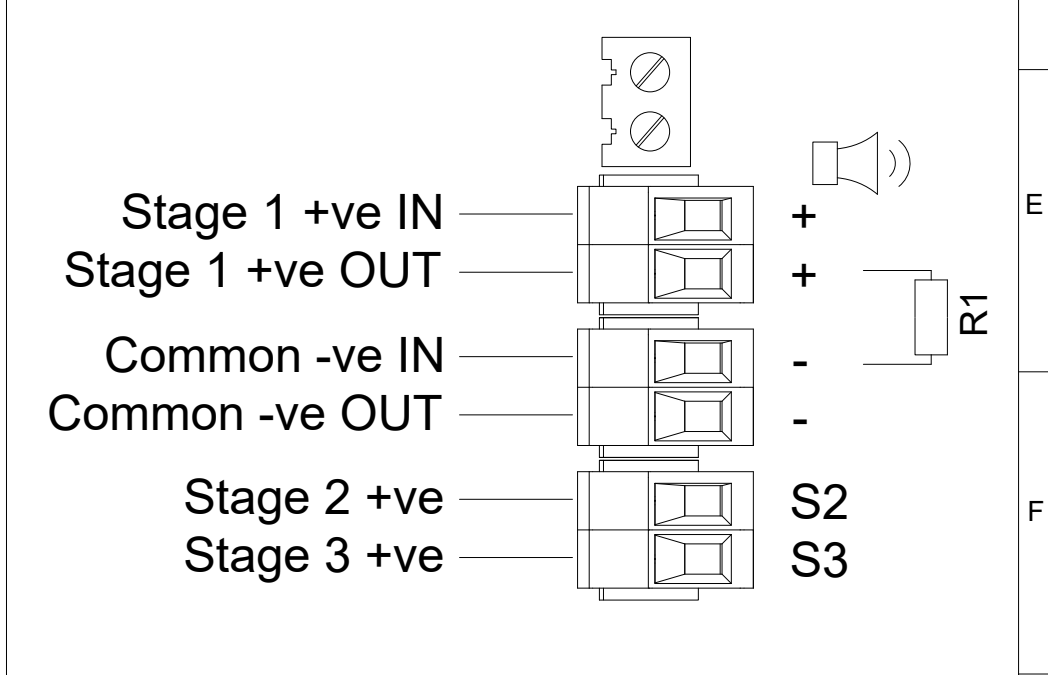
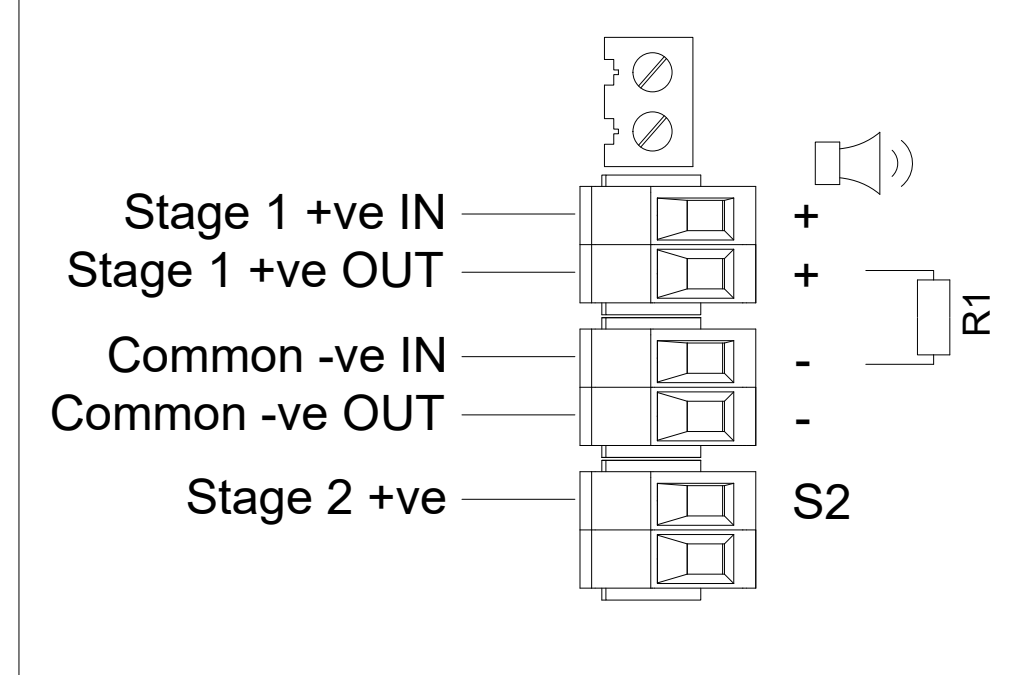
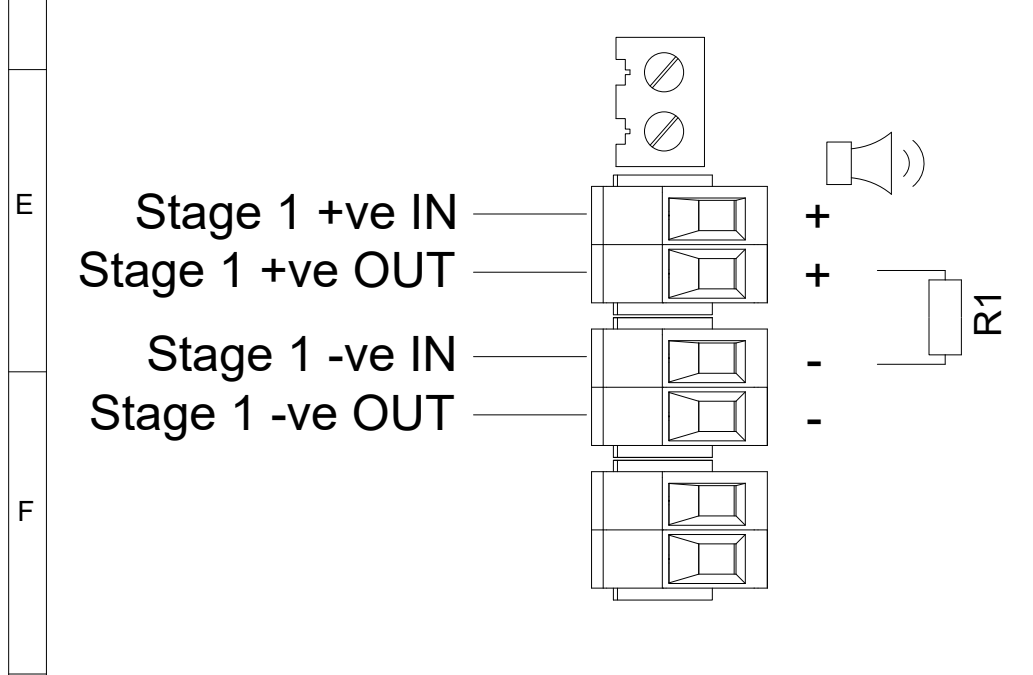
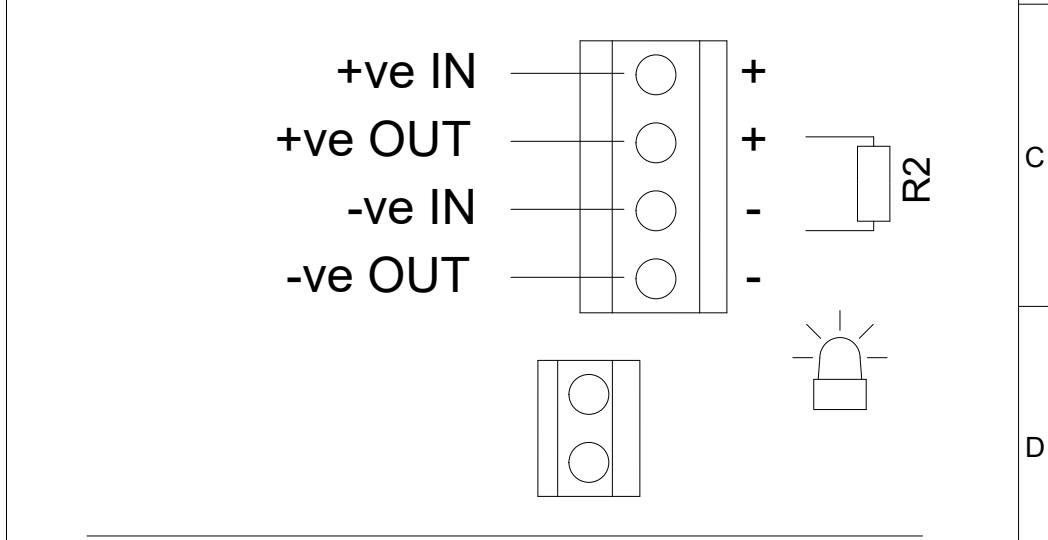
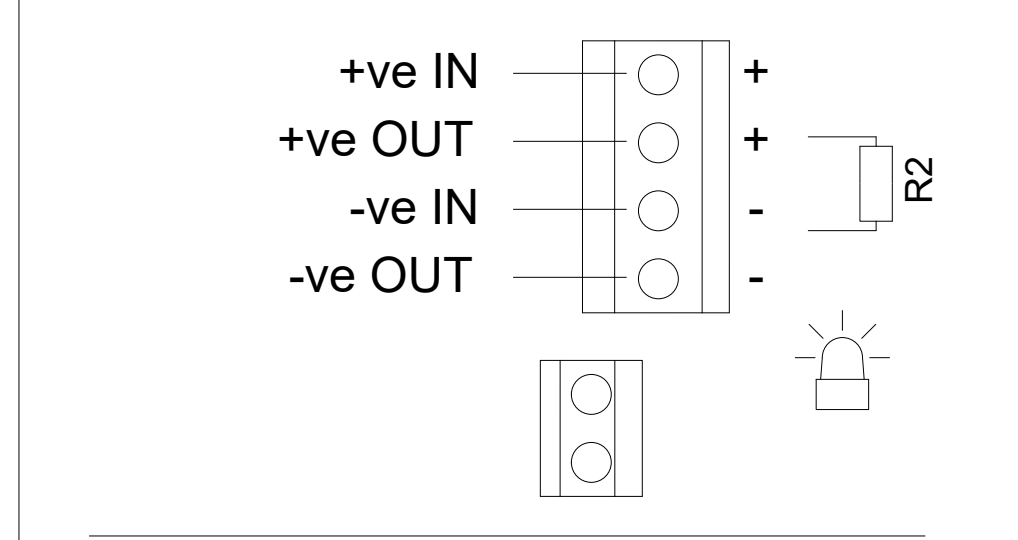
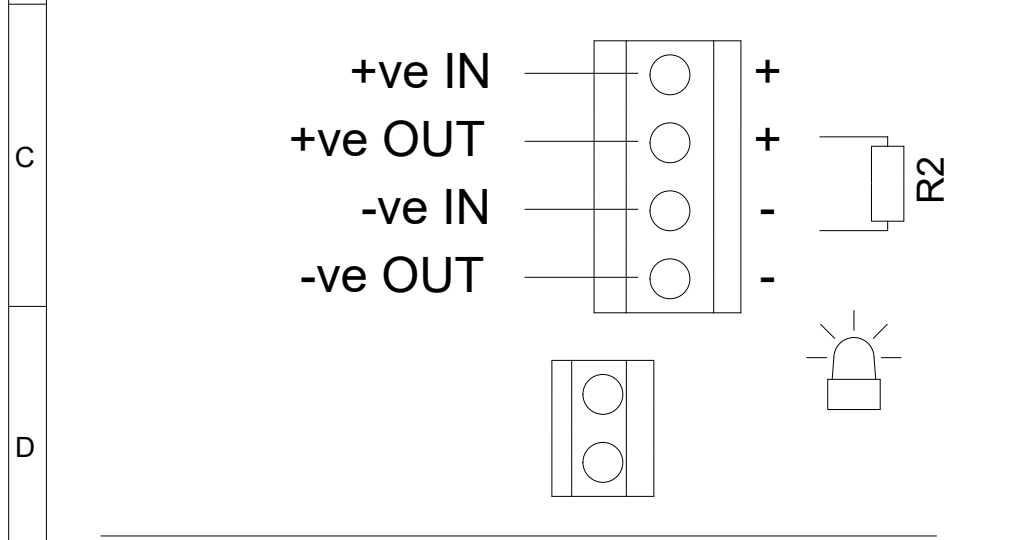
EUROPEAN SAFETY SYSTEMS LTD  
IMPRESS HOUSE  
MANSELL ROAD  
ACTON  
LONDON W3 7QH  
WWW.E2S.COM

ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE				<b>A3</b>
TITLE <b>MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS</b>				
SCALE	SHEET	DRAWING NUMBER		
NTS	3 OF 6	<b>D207-06-501</b>		

**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)**

<b>Single Stage Configuration</b>	<b>Config.: 5a</b>	<b>Two Stage Configuration</b>	<b>Config.: 5b</b>	<b>Three/Four Stage Configuration</b>	<b>Config.: 5c</b>
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	



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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

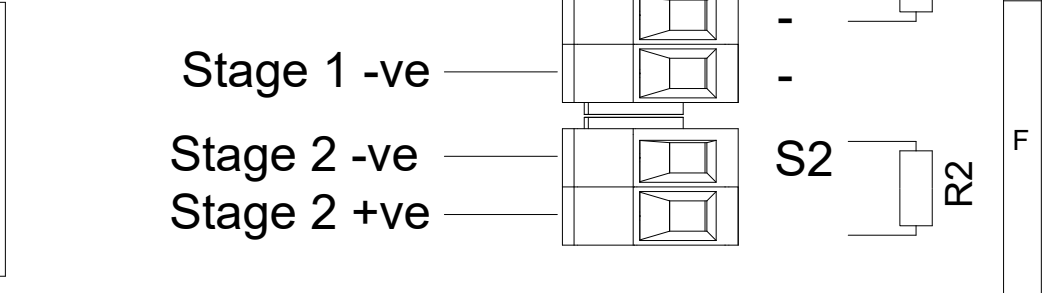
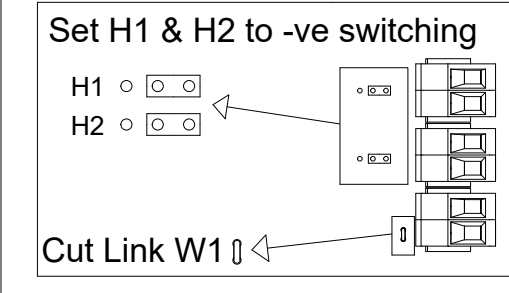
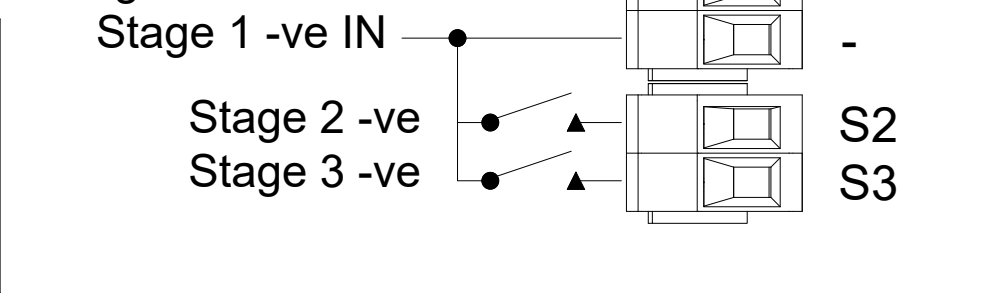
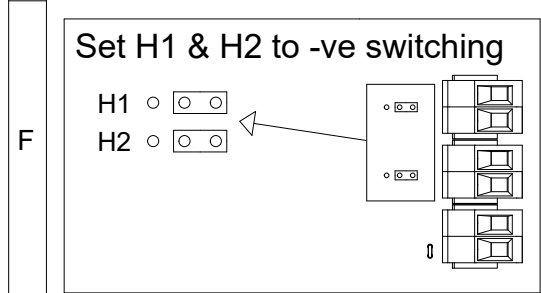
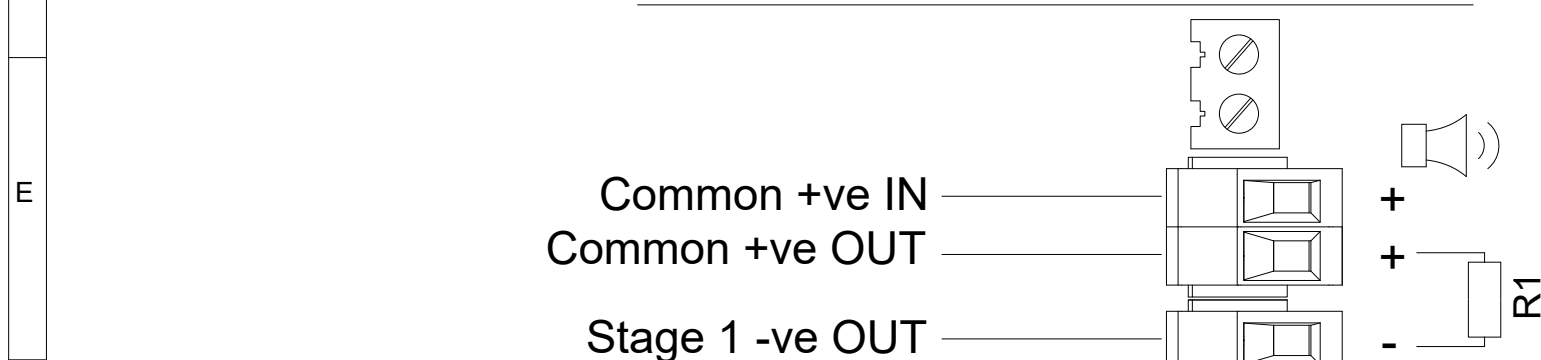
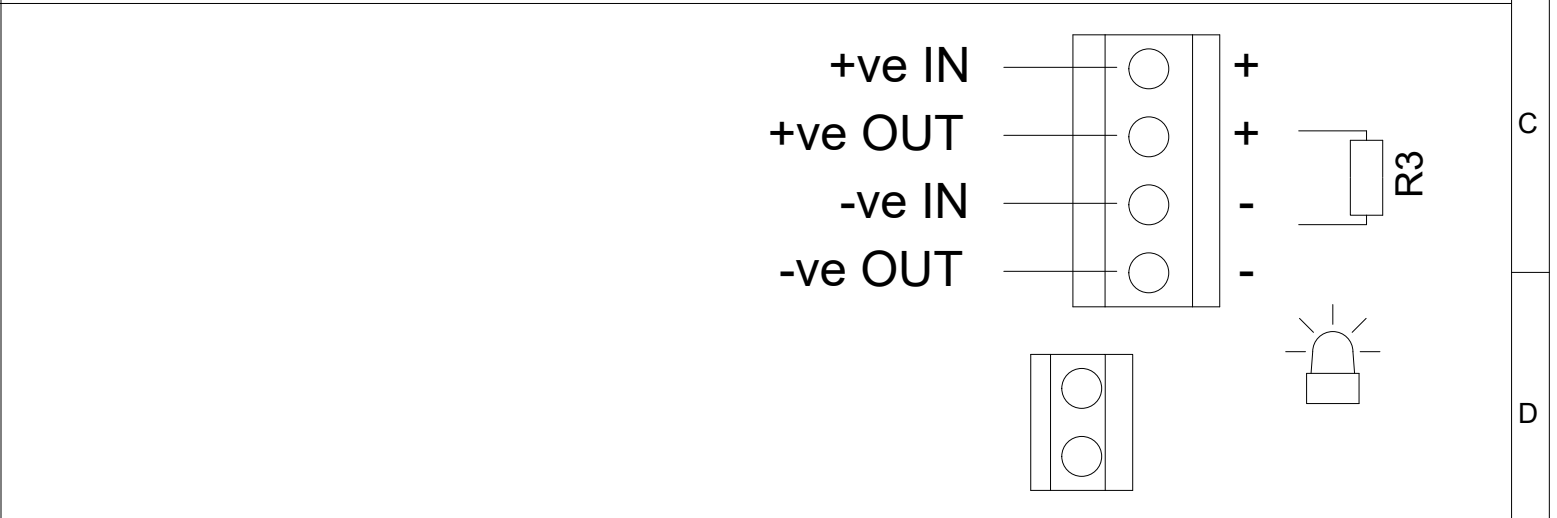
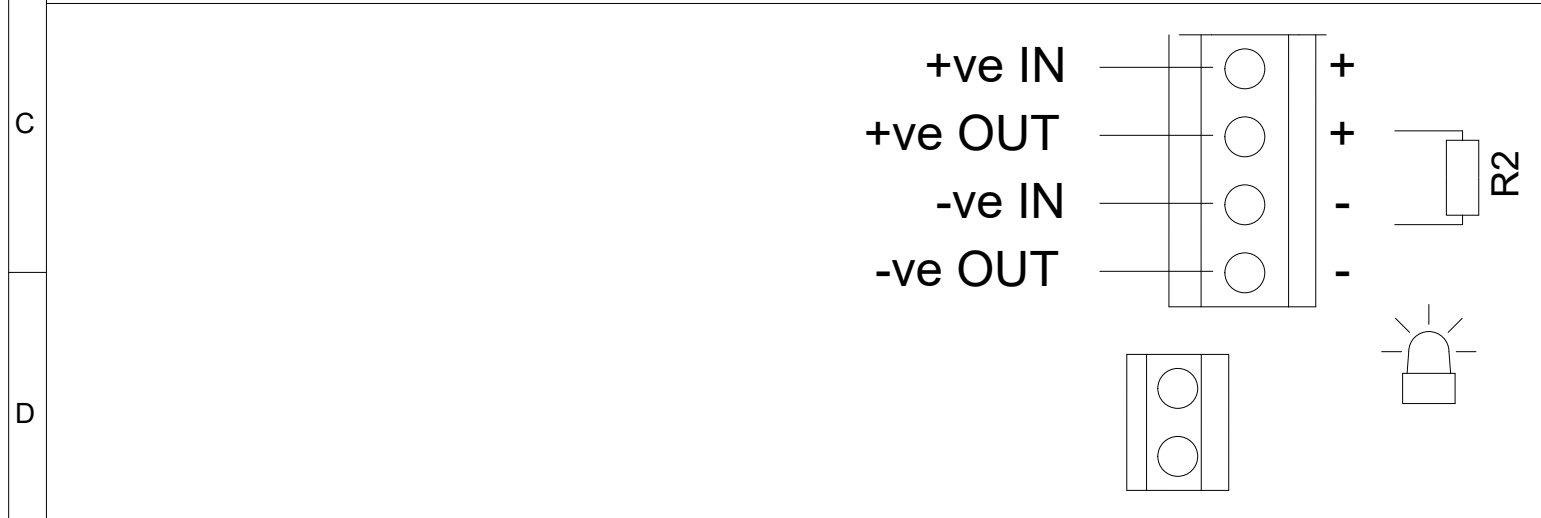
SWITCHES FOR STAGE OPERATION  
CUSTOMER SUPPLIED

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
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Common Positive  
Customer Set H1 & H2 to Negative Switching (See Below)  
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

Independent Stage Input  
Reverse Polarity Stage Monitoring  
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					IF IN DOUBT, ASK - DO NOT SCALE			
	CHECKED	DATE	MATERIAL				TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS			
	B.ISARD	05/03/2021	ALTERNATIVE MATERIAL				SCALE	SHEET	DRAWING NUMBER	
STANDARDS	APPROVED	DATE			NTS	5 OF 6	D207-06-501			
M RANGE	R.N.POTTS	05/03/2021								

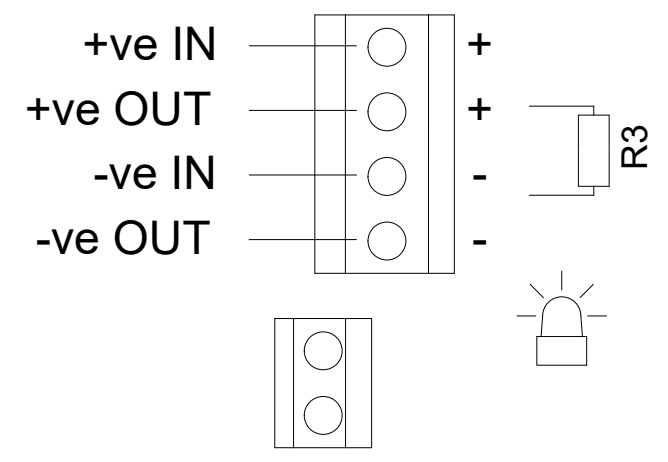
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OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,  
RECOMMENDED MINIMUM VALUES:  
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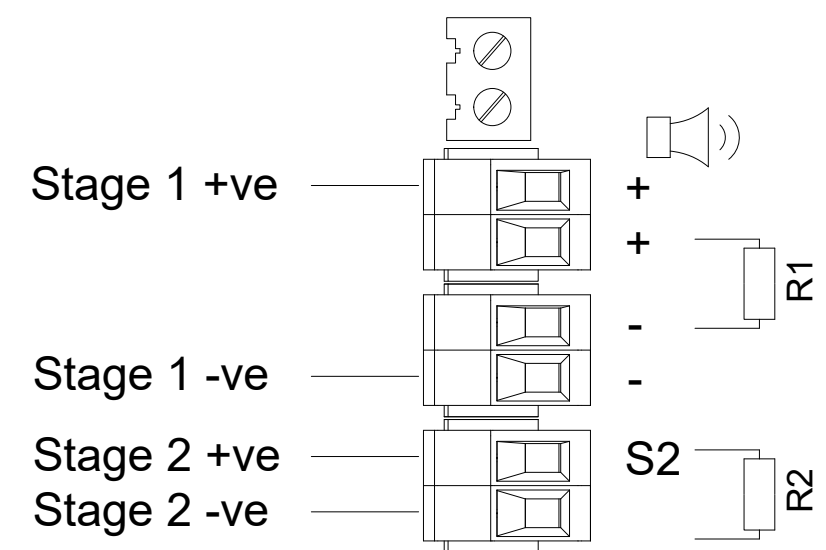
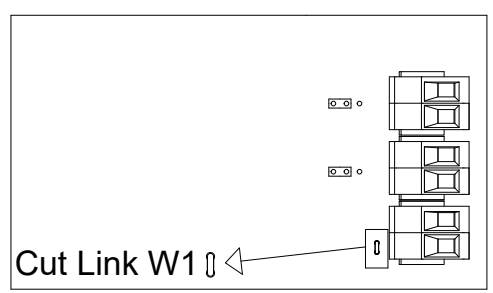
SWITCHES FOR STAGE OPERATION  
CUSTOMER SUPPLIED

Independent Sounder & Beacon Activation (Remove Link Wires)

Two Stage Configuration				Config.: 8
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				



**CUSTOM CONFIGURATION CONTACT E2S WHEN ORDERING**



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					IF IN DOUBT, ASK - DO NOT SCALE			
	CHECKED	DATE	MATERIAL				TITLE MC1X05 DC COMBINED SOUNDER XENON BEACON WIRING DIAGRAMS			
	B.ISARD	05/03/2021	ALTERNATIVE MATERIAL				SCALE	SHEET	DRAWING NUMBER	
STANDARDS	APPROVED	DATE	EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE							
M RANGE	R.N.POTTS	05/03/2021				NTS	6 OF 6	D207-06-501		