

							ISSUE	MOD No.	REASON - INITIAL - DATE
							B		AMENDED NOTES 1b & 1c RSR - 24/01/2023
							1	ACN0154	POSITIVE SWITCHING INTRODUCED RSR - 31/07/2024

-VE SWITCHING
(DEFAULT)
HEADER PINS P7,
P8 & P9 NOT
CONNECTED

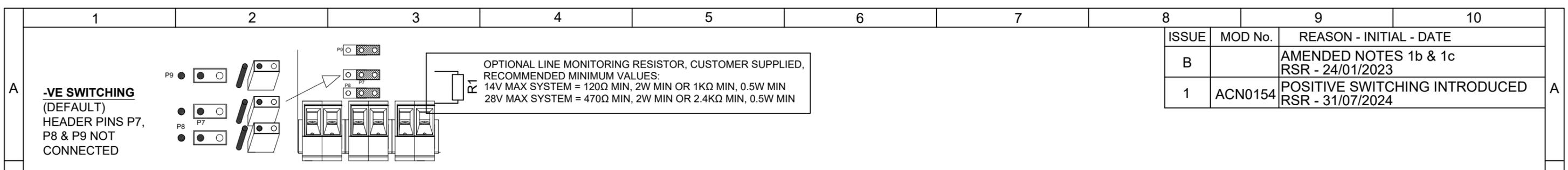
OPTIONAL LINE MONITORING RESISTOR, CUSTOMER SUPPLIED,
RECOMMENDED MINIMUM VALUES:
14V MAX SYSTEM = 120Ω MIN, 2W MIN OR 1KΩ MIN, 0.5W MIN
28V MAX SYSTEM = 470Ω MIN, 2W MIN OR 2.4KΩ MIN, 0.5W MIN

--- WIRING LINKING BEACON & SOUNDER
FACTORY FITTED

Linked Sounder & Beacon Activation (Default) -ve Switching (Default P7, P8 & P9 setting)

	Single Stage Configuration Config.: 1a	Two Stage Configuration Config.: 1b	Three/Four Stage Configuration Config.: 1c
Line Monitoring	Common Positive (-ve Switching)	Common Positive (-ve Switching)	Common Positive (-ve Switching)
Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve	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 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 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 +ve IN Stage 1 +ve OUT Stage 1 -ve OUT Stage 1 -ve IN	Common +ve IN Common +ve OUT Stage 1 -ve OUT Stage 1 -ve IN Stage 2 -ve	Common +ve IN Common +ve OUT Stage 1 -ve OUT Stage 1 -ve IN Stage 2 -ve Stage 3 -ve	Common +ve IN Common +ve OUT Stage 1 -ve OUT Stage 1 -ve IN Stage 2 -ve Stage 3 -ve

DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN R.S.RAIT	DATE 16/03/2021	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 IF IN DOUBT, ASK - DO NOT SCALE		A3	
STANDARDS ALERTALARM RANGE	CHECKED B.ISARD	DATE 16/03/2021	MATERIAL	ALTERNATIVE MATERIAL			TITLE AL100X, AL105NX & DL105X DC COMBINED SOUNDER & XENON WIRING DIAGRAMS			
	APPROVED R.N.POTTS	DATE 16/03/2021					SCALE NTS	SHEET 1 OF 4	DRAWING NUMBER D218-06-201	



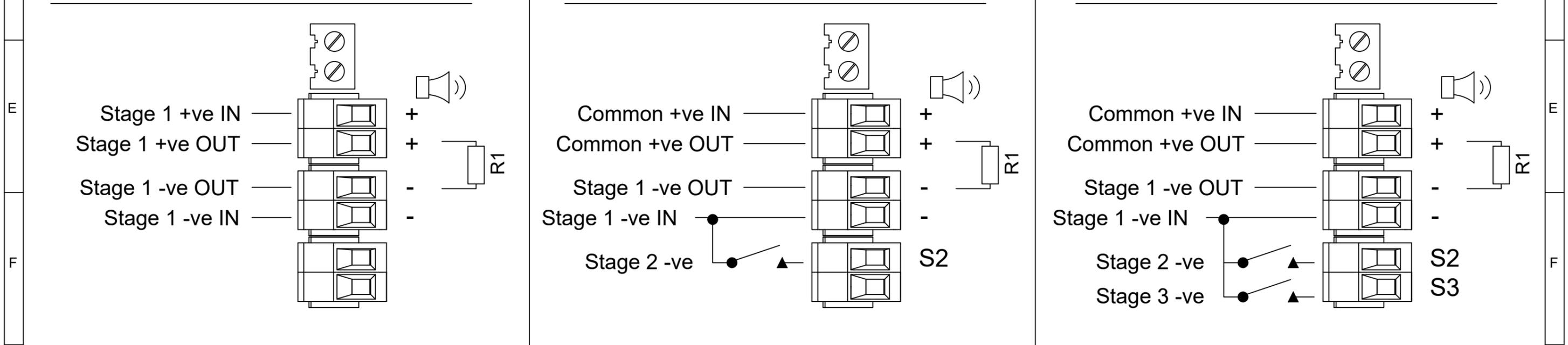
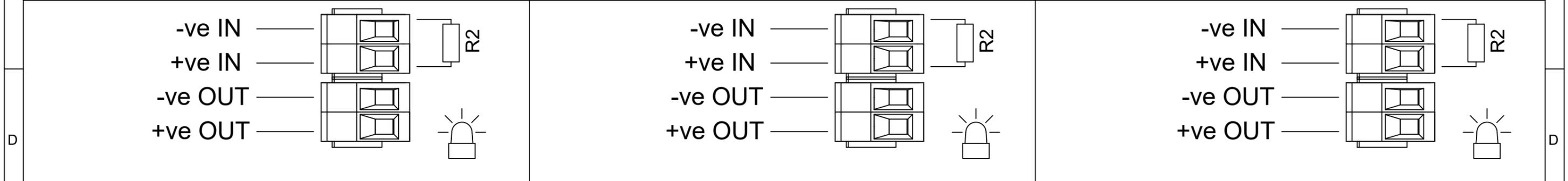
ISSUE	MOD No.	REASON - INITIAL - DATE
B		AMENDED NOTES 1b & 1c RSR - 24/01/2023
1	ACN0154	POSITIVE SWITCHING INTRODUCED RSR - 31/07/2024

Independent Sounder & Beacon Activation (Remove Link Wires) / -ve Switching (Default P7, P8 & P9 setting)

Single Stage Configuration	Config.: 5a	Two Stage Configuration	Config.: 5b	Three/Four Stage Configuration	Config.: 5c
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Line Monitoring	Common Positive (-ve Switching)	Common Positive (-ve Switching)
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Stage 1: Apply Power to Stage 1 +ve & Stage 1 -ve	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 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
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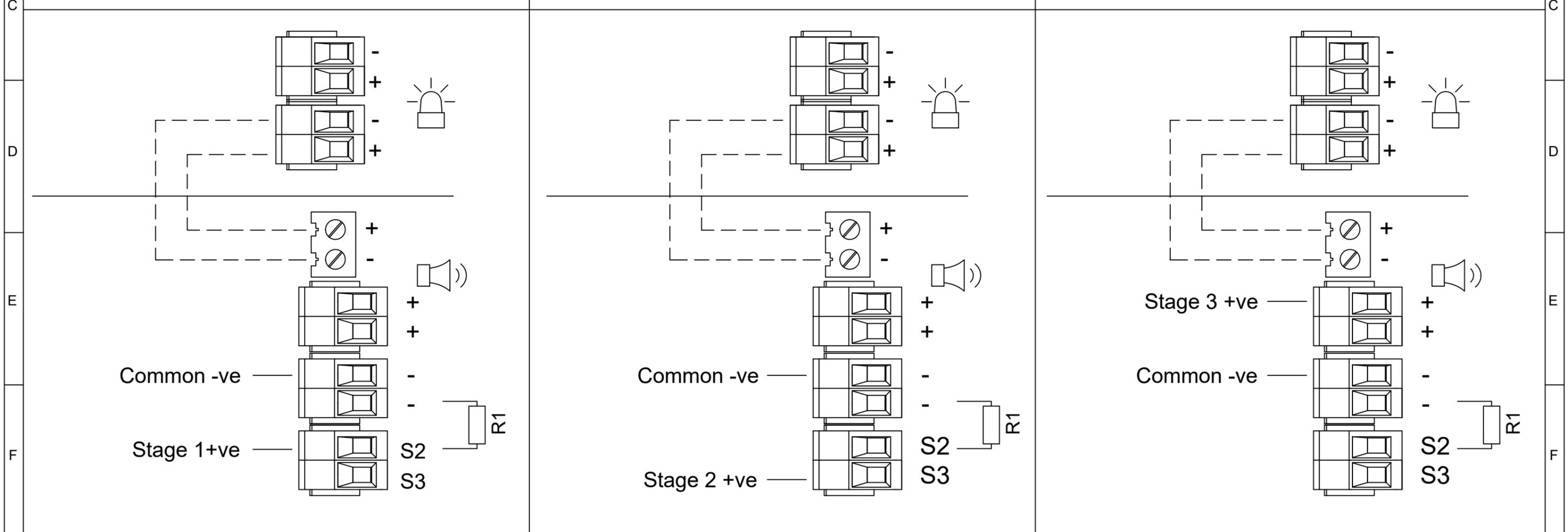


DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN R.S.RAIT	DATE 16/03/2021	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN 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 IF IN DOUBT, ASK - DO NOT SCALE		A3	
	CHECKED B.ISARD	DATE 16/03/2021	MATERIAL				TITLE AL100X, AL105NX & DL105X DC COMBINED SOUNDER & XENON WIRING DIAGRAMS			
	STANDARDS ALERTALARM RANGE	APPROVED R.N.POTTS	DATE 16/03/2021	ALTERNATIVE MATERIAL			SCALE NTS	SHEET 2 OF 4	DRAWING NUMBER D218-06-201	

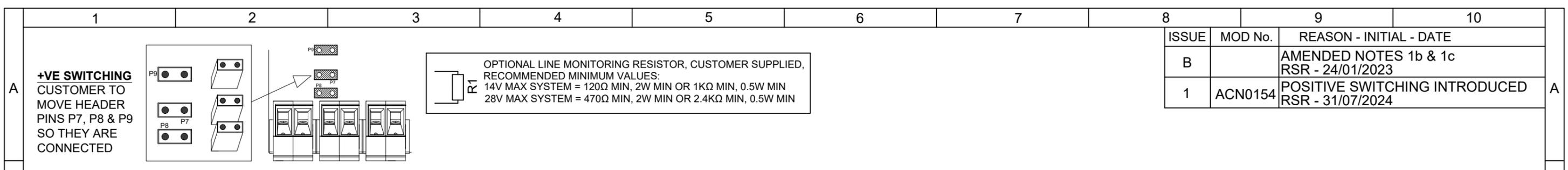
	1	2	3	4	5	6	7	8	9	10	
A								ISSUE	MOD No.	REASON - INITIAL - DATE	A
								B		AMENDED NOTES 1b & 1c RSR - 24/01/2023	
								1	ACN0154	POSITIVE SWITCHING INTRODUCED RSR - 31/07/2024	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> WIRING LINKING BEACON & SOUNDER FACTORY FITTED </div>											

Linked Sounder & Beacon Activation (Default) / +ve Switching (Customer to set P7, P8 & P9 as above)

Stage 1 Configuration Config.: 2a	Stage 2 Configuration Config.: 2b	Stage 3 Configuration Config.: 2c
Common Negative (+ve Switching)	Common Negative (+ve Switching)	Common Negative (+ve Switching)
Single Stage Line Monitoring, Maximum Monitoring Voltage 4Vdc Not to be used for reverse polarity line monitoring Stage 1: Apply Stage 1 +ve to terminal 'S2' & Common -ve to terminal '-'	Single Stage Line Monitoring, Maximum Monitoring Voltage 4Vdc Not to be used for reverse polarity line monitoring Stage 2: Apply Stage 2 +ve to terminal 'S3' & Common -ve to terminal '-'	Single Stage Line Monitoring, Maximum Monitoring Voltage 4Vdc Not to be used for reverse polarity line monitoring Stage 3: Apply Stage 3 +ve to terminal '+' & Common -ve to terminal '-'



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS STANDARDS ALERTALARM RANGE	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	16/03/2021					IF IN DOUBT, ASK - DO NOT SCALE	TITLE AL100X, AL105NX & DL105X DC COMBINED SOUNDER & XENON WIRING DIAGRAMS		
	CHECKED	DATE		MATERIAL			SCALE	SHEET	DRAWING NUMBER	
	B.ISARD	16/03/2021		ALTERNATIVE MATERIAL			NTS	3 OF 4	D218-06-201	
	APPROVED	DATE								
	R.N.POTTS	16/03/2021								

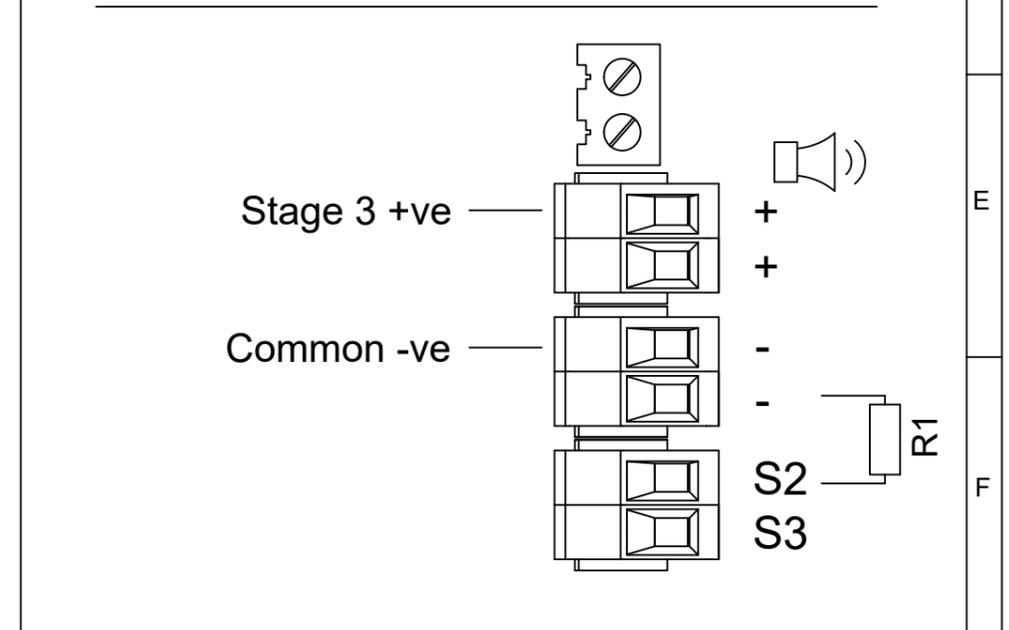
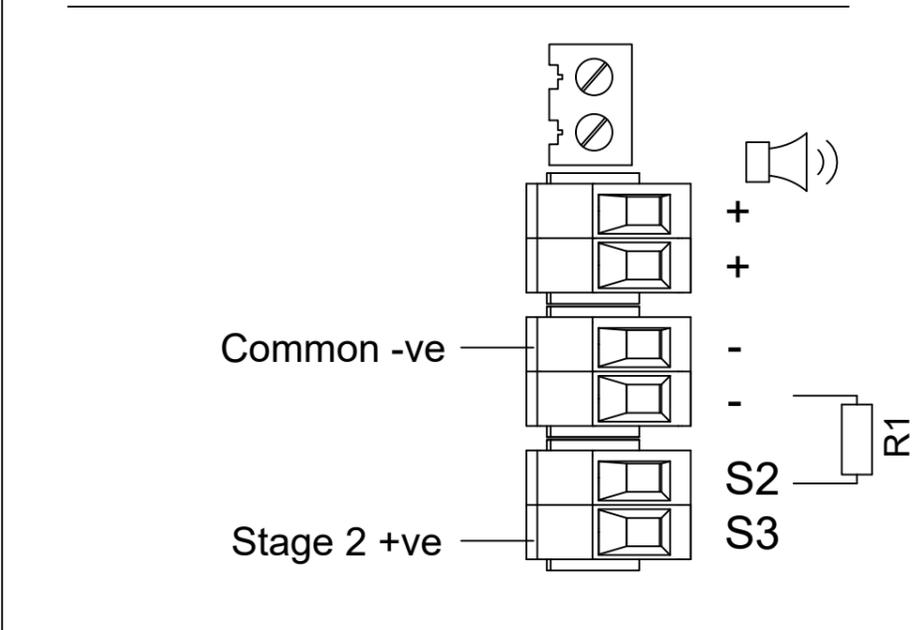
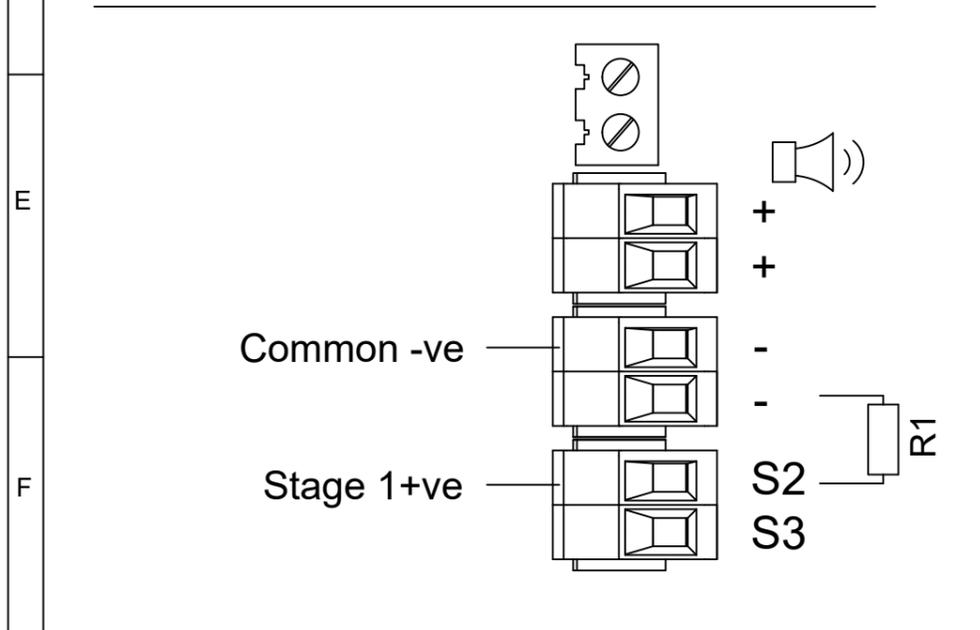
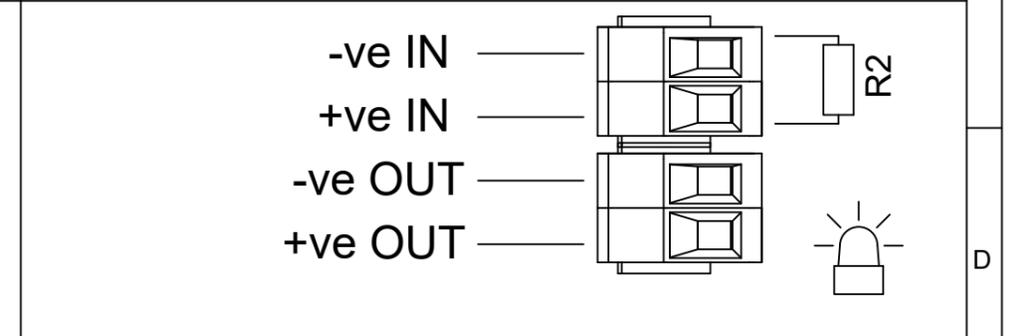
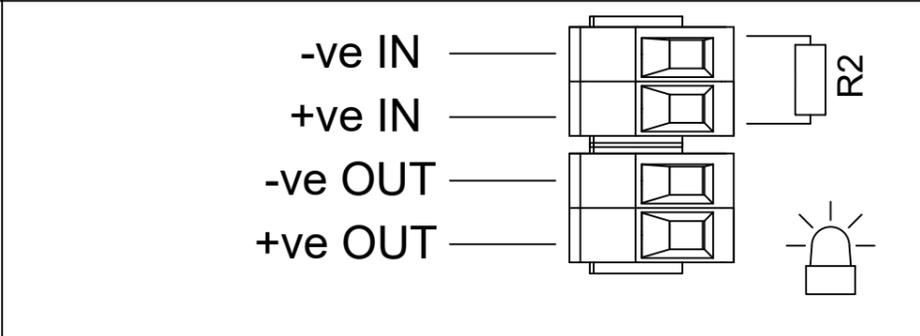
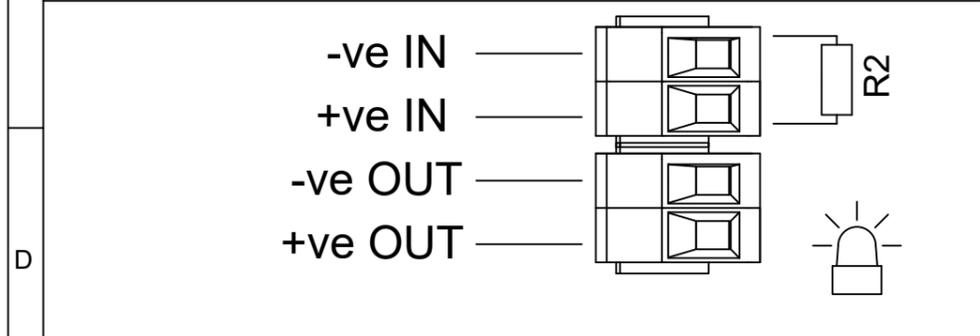


Independent Sounder & Beacon Activation (Remove Link Wires) / +ve Switching (Customer to set P7, P8 & P9 as above)

Stage 1 Configuration Config.: 6a Stage 2 Configuration Config.: 6b Stage 3 Configuration Config.: 6c

Common Negative (+ve Switching) Common Negative (+ve Switching) Common Negative (+ve Switching)

Single Stage Line Monitoring, Maximum Monitoring Voltage 4Vdc
Not to be used for reverse polarity line monitoring
Stage 1: Apply Stage 1 +ve to terminal 'S2' & Common -ve to terminal '-'
Stage 2: Apply Stage 2 +ve to terminal 'S3' & Common -ve to terminal '-'
Stage 3: Apply Stage 3 +ve to terminal '+' & Common -ve to terminal '-'



G	DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN R.S.RAIT	DATE 16/03/2021	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 IF IN DOUBT, ASK - DO NOT SCALE		A3
	STANDARDS	CHECKED B.ISARD	DATE 16/03/2021	MATERIAL	ALTERNATIVE MATERIAL			TITLE AL100X, AL105NX & DL105X DC COMBINED SOUNDER & XENON WIRING DIAGRAMS		
	ALERTALARM RANGE	APPROVED R.N.POTTS	DATE 16/03/2021					SCALE NTS	SHEET 4 OF 4	DRAWING NUMBER D218-06-201