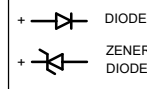


HEAT DETECTOR DEVICES

SHEET 1

PRODUCTS: D1xH1-A Product Version - B	Diagram	Sheet
	Standard Switch Wiring Configurations	1
	LED Indicator Wiring Configurations	2

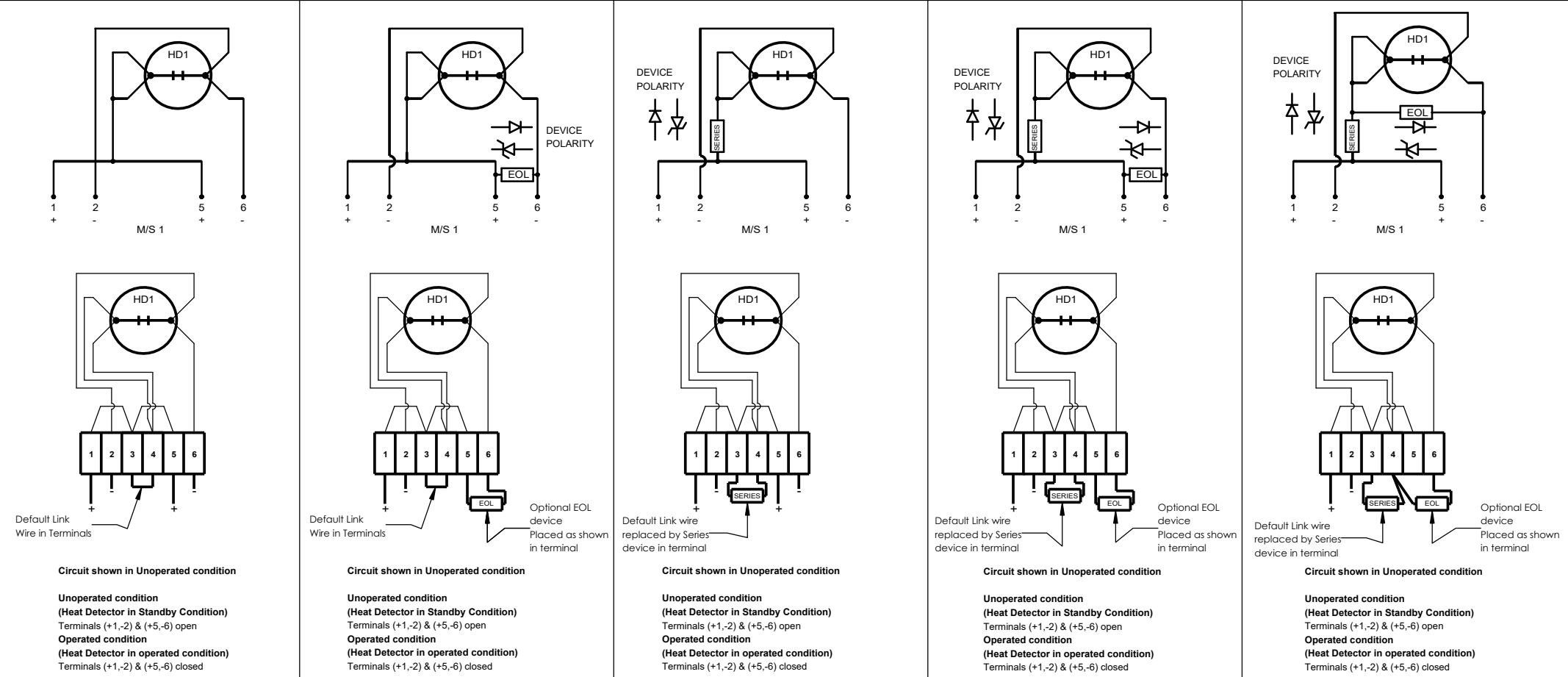


Module Device Codes		
	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
1		INTRODUCTION STExH1 Variant Update base on D255-06-001 RNP 01-07-2025
2	ACN0204	Config A2-3 & A2-4 correction to position of Series and EOL on bottom view in these configs. RNP 31-10-2025

HEAT DETECTOR	CONFIG. A1-1	HEAT DETECTOR WITH EOL DEVICE	CONFIG. A1-2	HEAT DETECTOR WITH SERIES DEVICES	CONFIG. A1-3	HEAT DETECTOR WITH EOL & SERIES DEVICES	CONFIG. A1-4	HEAT DETECTOR WITH EOL & ALT. SERIES DEVICES	CONFIG. A1-5
---------------	--------------	-------------------------------	--------------	-----------------------------------	--------------	---	--------------	--	--------------

PRODUCT VERSION [v]	[B]	Ex d	Default	PRODUCT VERSION [v]	[B]	Ex d	Default	PRODUCT VERSION [v]	[B]	Ex d	Default	PRODUCT VERSION [v]	[B]	Ex d	Default	PRODUCT VERSION [v]	[B]	Ex d	Default	PRODUCT VERSION [v]	[B]	Ex d	Default
PRODUCT OPTION [o]	[1]	Default		PRODUCT OPTION [o]	[1]	Default		PRODUCT OPTION [o]	[1]	Default		PRODUCT OPTION [o]	[1]	Default		PRODUCT OPTION [o]	[W]	Alt. EOL Pos'n.		PRODUCT OPTION [o]	[W]	Alt. EOL Pos'n.	
LED INDICATOR [u]	[N]	NO LED		LED INDICATOR [u]	[N]	NO LED		LED INDICATOR [u]	[N]	NO LED		LED INDICATOR [u]	[N]	NO LED		LED INDICATOR [u]	[N]	NO LED		LED INDICATOR [u]	[N]	NO LED	
SERIES MODULE [e]	[Exxxx]	EOL		SERIES MODULE [e]	[Exxxx]	EOL		SERIES MODULE [s]	[Sxxxx]	Series		SERIES MODULE [e][s]	[Exxxx]	EOL + Series		SERIES MODULE [e][s]	[Exxxx]	EOL + Series		SERIES MODULE [e][s]	[Exxxx]	EOL + Series	



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 IF IN DOUBT, ASK - DO NOT SCALE				A3
	CHECKED	DATE					TITLE D1xH1-A Version B Ex d HEAT DETECTOR WIRING / CIRCUIT OPERATION DIAGRAM				
	STANDARDS D1xH1-A Product Version = B	APPROVED	DATE	ALTERNATIVE MATERIAL			EUROPEAN SAFETY SYSTEMS LTD. AS PER LATEST DATE OF ISSUE SHOWN ABOVE	SCALE	SHEET	DRAWING NUMBER	
	R.N.POTTS	01-07-2025				NTS	1 OF 2	D255-06-011			
	B.ISARD	01-07-2025									
	R.N.POTTS	01-07-2025									

HEAT DETECTOR WITH LED DEVICES

SHEET 2

Notes: 1. LED is only allowable on Product Version = A

- When the LED is configured as LED indication option = C for this version the LED must be protected by a series resistor of a minimum value of 1.5K Ohm or by limiting the systems current to 20mA max.
- Units have the option to add the LED current-limiting resistor RL1 LED indication option = L which is a 1.5K Ohms.
- Note that in both cases the total value of the series resistors and if fitted RL1 will impact the brightness of the LED.

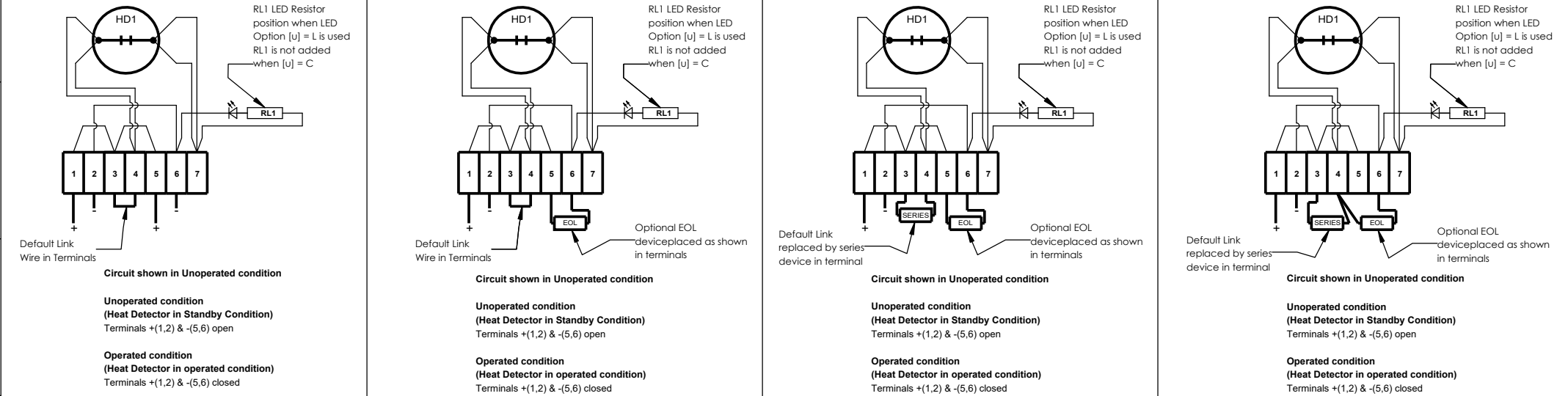
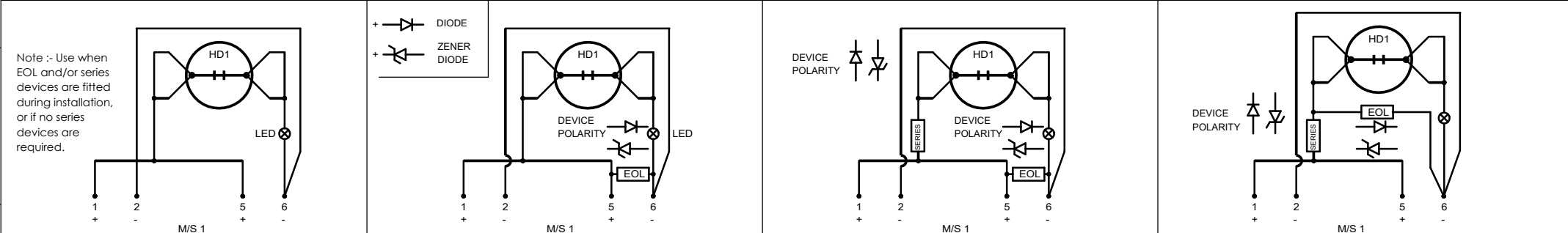
Module Device Codes

	EOL	Series
Resistor	ExxxR	SxxxR
Diode	ED1	SD1
Zener Diode	ExxxZ	SxxxZ
LED	N/A	L or C

ISSUE	MOD No.	REASON - INITIAL - DATE
1		INTRODUCTION RNP 01-07-2025
2	ACN0204	Config A2-3 & A2-4 correction to position of Series and EOL on bottom view in these configs. RNP 31-10-2025

HEAT DETECTOR WITH LED ONLY	CONFIG. A2-1	HEAT DETECTOR WITH LED & EOL DEVICE	CONFIG. A2-2	HEAT DETECTOR WITH LED EOL & SERIES DEVICES	CONFIG. A2-3	HEAT DETECTOR WITH LED, EOL & ALT. SERIES DEVICE	CONFIG. A2-4
-----------------------------	--------------	-------------------------------------	--------------	---	--------------	--	--------------

PRODUCT VERSION [v] [B] PRODUCT OPTION [o] [1] LED INDICATOR [u] [L]	Ex d Default LED with RL1	PRODUCT VERSION [v] [B] PRODUCT OPTION [o] [1] LED INDICATOR [u] [L] MODULE [E] [Exxxx]	Ex d Default LED with RL1 EOL Device	PRODUCT VERSION [v] [B] PRODUCT OPTION [o] [1] LED INDICATOR [u] [L] MODULES [e] [s] [Exxxx] [Sxxxx]	Ex d Default LED with RL1 EOL + Series	PRODUCT VERSION [v] [B] PRODUCT OPTION [o] [W] LED INDICATOR [u] [L] MODULE [e] [s] [Exxxx] [Sxxxx]	Ex d Alt. EOL Pos'n. LED with RL1 EOL + Series
--	---------------------------------	--	---	---	---	--	---



DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS ANGULAR DIMENSIONAL TOLS	DRAWN R.N.POTTS	DATE 01-07-2025	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 01-07-2025	MATERIAL	TITLE D1xH1-A Version B Ex d HEAT DETECTOR WIRING / CIRCUIT OPERATION DIAGRAM			SCALE NTS	SHEET 2 OF 2	DRAWING NUMBER D255-06-011		
	STANDARDS D1xH1-A Product Version = B	APPROVED R.N.POTTS	DATE 01-07-2025				ALTERNATIVE MATERIAL				