

8	9	10
ISSUE	MOD No.	INITIAL/DATE
1		INTRODUCTION MA 16-05-2024

60,0

**D1xH1-A HEAT DETECTOR**  
D1xH1N01MN1A1RN


Max. Wattage: 10W  
Max. Voltage/Current: 125V DC / 0.5A  
48V DC / 1.0A  
24V DC / 2.0A  
125V AC 50/60Hz / 5.0A

Heat Detector Setting: 140°F / 60°C  
Year / Serial No.: 00/1D1H1A000000

IP66  
TYPE 4 / 4X / 3R / 13  
Cable Entries: 2x M20x1.5; 1x 3/4" NPT; Pendant 1x 3/4" NPT

**Warnings:** DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE INSTRUCTIONS. IF TEMPERATURE EXCEEDS 60°C AT ENTRY OR 60°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

**Avertissement:** NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE. DANGER POTENTIEL CHARGE ÉLECTROSTATIQUE - VOIR LES INSTRUCTIONS.

 European Safety Systems Ltd  
Impress House, Mansell Road, London W3 7QH UK  
www.e2s.com

50,0

D1xH1-A  
Label 1

60,0

**D1xH1-H HEAT DETECTOR**  
D1xH1N01MN1H1RN


Max. Wattage: 1.25W  
Max. Voltage/Current: 125V DC / 0.5A  
48V DC / 1.0A  
24V DC / 2.0A  
125V AC 50/60Hz / 5.0A

Heat Detector Setting: 140°F / 60°C  
Year / Serial No.: 00/1D1H1H000001

IP66  
TYPE 4 / 4X / 3R / 13  
Cable Entries: 2x M20x1.5; 1x 3/4" NPT; Pendant 1x 3/4" NPT

**Warnings:** DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE INSTRUCTIONS. IF TEMPERATURE EXCEEDS 60°C AT ENTRY OR 60°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

**Avertissement:** NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE. DANGER POTENTIEL CHARGE ÉLECTROSTATIQUE - VOIR LES INSTRUCTIONS.

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D1xH1-H  
Label 1


60,0


**D1xH1-A**

ATEX / IECEx / UKEx:  
Ex db IIC T4 Gb Ta -55°C to +80°C  
Ex db IIC T5 Gb Ta -55°C to +70°C  
Ex db IIC T6 Gb Ta -55°C to +55°C  
Ex tb IIIC T106°C Db Ta -55°C to +80°C

II 2G  
II 2D

 2813

 0518

 E530713

SIGNAL AND FIRE ALARM EQUIPMENT AND SERVICE FOR USE IN HAZARDOUS LOCATIONS.  
Location: SUITABLE FOR INDOOR AND OUTDOOR USE.

NEC Class / Zone:  
Class I Zone 1 AEx db IIC T4 Gb Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T5 Gb Ta -55°C to +70°C  
Class I Zone 1 AEx db IIC T6 Gb Ta -55°C to +55°C  
Zone 21 AEx tb IIIC T106°C Db Ta -55°C to +80°C

CEC Class / Zone:  
Ex db IIC T4 Gb Ta -55°C to +80°C  
Ex db IIC T5 Gb Ta -55°C to +70°C  
Ex db IIC T6 Gb Ta -55°C to +55°C  
Ex tb IIIC T106°C Db Ta -55°C to +80°C

NEC / CEC Class / Div:  
Class I Div 1 Grp ABCD T4A Ta -55°C to +80°C  
Class I Div 1 Grp ABCD T5 Ta -55°C to +75°C  
Class I Div 1 Grp ABCD T6 Ta -55°C to +60°C  
Class II Div 1 Grp EFG T4A Ta -55°C to +80°C  
Class III Div 1 Ta -55°C to +80°C

50,0


D1xH1-A  
Label 2


60,0


**D1xH1-H**

ATEX / IECEx / UKEx:  
Ex db IIC T4 Gb Ta -55°C to +125°C  
Ex db IIC T5 Gb Ta -55°C to +90°C  
Ex db IIC T6 Gb Ta -55°C to +75°C  
Ex tb IIIC T85°C Db Ta -55°C to +80°C  
Ex tb IIIC T130°C Db Ta -55°C to +125°C

II 2G  
II 2D

 2813

 0518

 E530713

SIGNAL AND FIRE ALARM EQUIPMENT AND SERVICE FOR USE IN HAZARDOUS LOCATIONS.  
Location: SUITABLE FOR INDOOR AND OUTDOOR USE.

NEC Class / Zone:  
Class I Zone 1 AEx db IIC T4 Gb Ta -55°C to +125°C  
Class I Zone 1 AEx db IIC T5 Gb Ta -55°C to +90°C  
Class I Zone 1 AEx db IIC T6 Gb Ta -55°C to +75°C  
Zone 21 AEx tb IIIC T85°C Db Ta -55°C to +80°C  
Zone 21 AEx tb IIIC T130°C Db Ta -55°C to +125°C

CEC Class / Zone:  
Ex db IIC T4 Gb Ta -55°C to +125°C  
Ex db IIC T5 Gb Ta -55°C to +90°C  
Ex db IIC T6 Gb Ta -55°C to +75°C  
Ex tb IIIC T85°C Db Ta -55°C to +80°C  
Ex tb IIIC T130°C Db Ta -55°C to +125°C

NEC / CEC Class / Div:  
Class I Div 1 Grp ABCD T4 Ta -55°C to +125°C  
Class I Div 1 Grp ABCD T4A Ta -55°C to +115°C  
Class I Div 1 Grp ABCD T5 Ta -55°C to +95°C  
Class I Div 1 Grp ABCD T6 Ta -55°C to +80°C  
Class II Div 1 Grp EFG T4A Ta -55°C to +125°C  
Class III Div 1 Ta -55°C to +125°C

D1xH1-H  
Label 2

**Notes:**

- Enclosure entries may differ depending on product options.

RELATED DRAWING

No modification permitted without reference to the "Authorised Person"

DRAWING TO BS8888:2000  
GEOMETRIC TOLERANCES TO ISO1101:1983  
LINEAR DIMENSIONAL TOLS  $\pm 0.35\text{mm}$   
ANGULAR DIMENSIONAL TOLS  $\pm 2$  deg

STANDARDS  
**D1x**

DRAWN	DATE
M.ABALOS	16-05-2024
CHECKED	DATE
R.N.POTTS	16-05-2024
APPROVED	DATE
R.N.POTTS	16-05-2024



SURFACE FINISH	WEIGHT (Kg)
MATERIAL	
SEE NOTE	
ALTERNATIVE MATERIAL	

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AS PER LATEST DATE OF ISSUE SHOWN ABOVE

  
warning signals

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IMPRESS HOUSE  
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ACTON  
LONDON W3 7QH  
WWW.E2S.COM

ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE				A3
TITLE <b>D1xH1-A / D1xH1-H (Ex db, Ex tb) HEAT DETECTOR LABELS</b>				
SCALE 1:1	SHEET 1 of 1	DRAWING NUMBER <b>D255-09-001</b>		