

DATA SHEET	SS PROBE TYPE HEAT DETECTOR WITH SS JUNCTION BOX (150-250)°C	PART NO :IH042-H-SS*(150-250)°C-JSS
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DOC. NO.:DP-5.8/MT-776	DATE: JULY. 2025	REVISION :02	SCALE : N.T.S	SHEET: 1 OF 2	APPD. BY : DB
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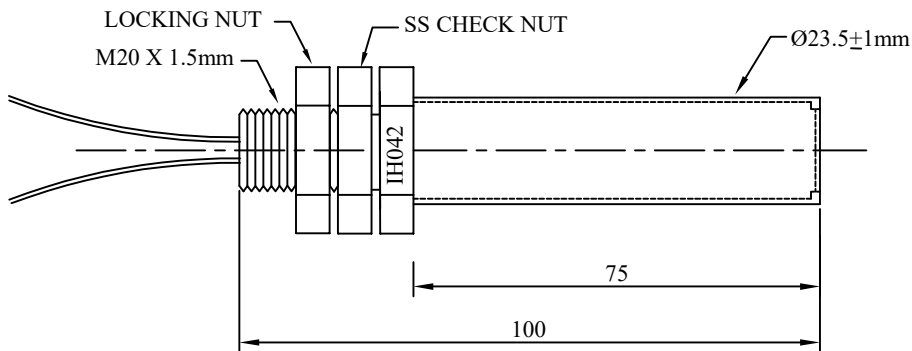
INTRODUCTION :-

PROBE TYPE FIXED TEMPERATURE HEAT DETECTOR IS USED FOR FIRE ALARM APPLICATIONS WHERE ELECTRONICS TYPE FIRE DETECTORS ARE NOT SUITABLE.

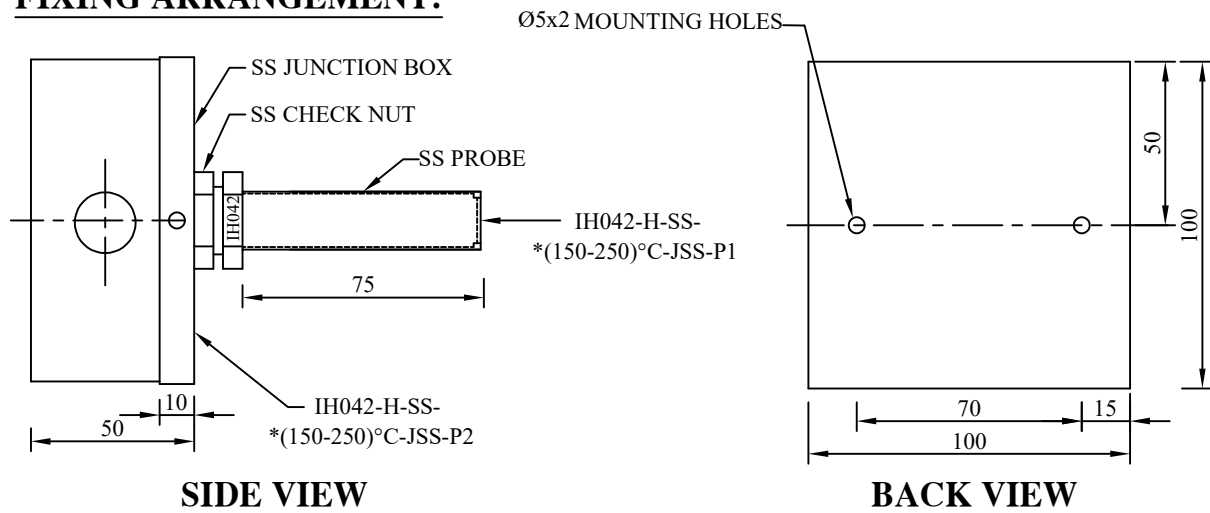
NOTE-A:- THIS DATASHEET CAN BE ALSO REFERRED AS DOC. NO.:DP-5.8/CP-776

REV-01: SHORT LINK(+,-) REMOVED

REV-02: ADD NOTE IN C.



FIXING ARRANGEMENT:



NOTE B:

1. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
2. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.
3. THIS MODEL TO BE USED ONLY FOR INDOOR APPLICATIONS.
4. * : TEMPERATURE SET POINT TO BE CONFIRMED DURING ORDER PLACEMENT.

IMPORTANT:

AGNI CONTROLS RESERVES THE RIGHT TO CHANGE OR MODIFY WITHOUT PREVIOUS NOTICE ANY DATA OR SPECIFICATION DUE TO CHANGES OR MODIFICATION IN ORDER TO IMPROVE THE PRODUCTS / SYSTEM PRESENTED.

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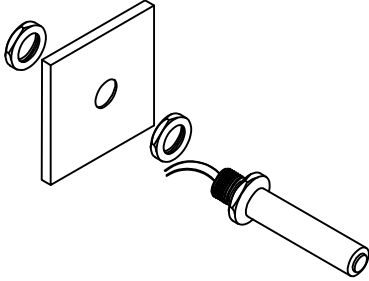
DATE: JULY. 2025

REVISION :02

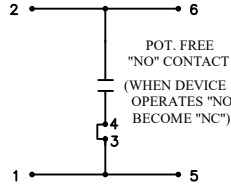
SCALE : N.T.S

SHEET: 2 OF 2

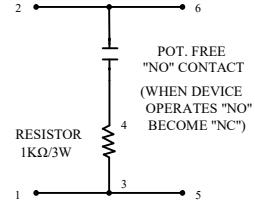
APPD. BY : DB



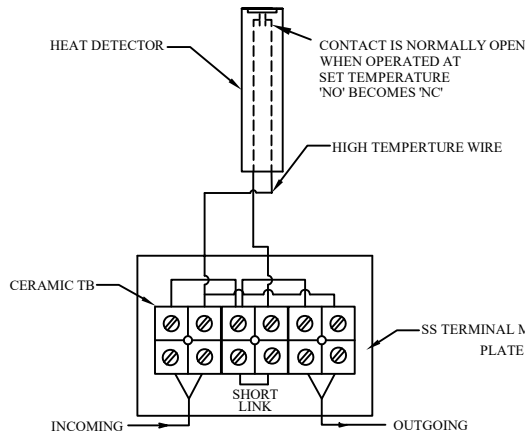
FIXING ARRANGEMENT



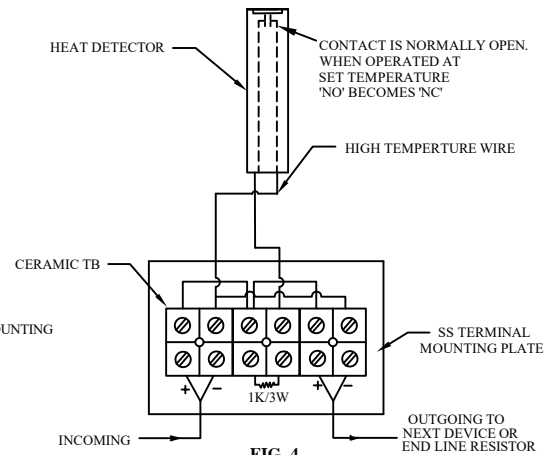
**TYPE - I
EQUIVALENT CIRCUIT
FIG. 1**



**TYPE - II
EQUIVALENT CIRCUIT FOR
2 WIRE CONVENTIONAL SYSTEM
FIG. 2**



**FIG. 3
TYPE - I FOR
ADDRESSABLE FIRE ALARM SYSTEM**



**FIG. 4
TYPE - II FOR
CONVENTIONAL 2 WIRE FIRE ALARM SYSTEM**

S.NO	PART NO**	DESCRIPTION
01.	IH042-H-SS-150-JSS-NO	150°C, NORMALLY OPEN
02.	IH042-H-SS-160-JSS-NO	160°C, NORMALLY OPEN
03.	IH042-H-SS-170-JSS-NO	170°C, NORMALLY OPEN
04.	IH042-H-SS-180-JSS-NO	180°C, NORMALLY OPEN
05.	IH042-H-SS-190-JSS-NO	190°C, NORMALLY OPEN
06.	IH042-H-SS-200-JSS-NO	200°C, NORMALLY OPEN
07.	IH042-H-SS-210-JSS-NO	210°C, NORMALLY OPEN
08.	IH042-H-SS-220-JSS-NO	220°C, NORMALLY OPEN
09.	IH042-H-SS-230-JSS-NO	230°C, NORMALLY OPEN
10.	IH042-H-SS-240-JSS-NO	240°C, NORMALLY OPEN
11.	IH042-H-SS-250-JSS-NO	250°C, NORMALLY OPEN

NOTE C:

- HEAT DETECTOR IS CONNECTED WITH SHORT LINK.
- ONE SHORT LINK AND ONE RESISTOR LINK ARE PROVIDED AS SPARE / ACCESSORIES.
- USE ANY ONE LINK AS PER REQUIREMENT.
- AUTO RESET MAY BE AFFECTED IF DETECTOR IS EXPOSED 20% OF SET TEMPERATURE.

TECHNICAL SPECIFICATION

HEAT DETECTOR PART NO: IH042-H-SS-*(150-250)°C-JSS-P1

JUNCTION BOX PART NO: IH042-H-SS-*(150-250)°C-JSS-P2

HEAT DETECTOR PART NO: IH042-H-SS-*(150-250)°C-JSS-P1			JUNCTION BOX PART NO: IH042-H-SS-*(150-250)°C-JSS-P2		
01.	MAKE	AGNI CONTROLS	01.	MAKE	AGNI CONTROLS
02.	TEMPERATURE SETTING	150°/160°/170°/180°/190°/200°/210°/220°/230°/240°/250°C (FIXED TEMPERATURE ANY ONE SETTING ONLY)	02.	a) MATERIAL OF CONSTRUCTION -JUNCTION BOX	SS SHEET METAL
03.	TYPE OF SENSING ELEMENT	BI-METAL FIXED TEMPERATURE AUTO RESET TYPE(REFER NOTE C SL.NO.04)	03.	b) PAINT SHADE	PO RED
04.	PROBE BODY	SS 316	04.	CABLE ENTRY SIZE	Ø19mm KNOCKOUT HOLES
05.	SETTING TEMPERATURE TOLERANCE	± 7 %	05.	NO. OF CABLE ENTRY	4 Nos.
06.	CURRENT RATING	240V AC - 10A, 110V AC - 10A, 250V DC - 2.5A, 24V DC - 7A,	05.	APPLICATION	INDOOR APPLICATION ONLY.
07.	PROTECTION	IP 67 (PROBE ASSEMBLY ONLY)			

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