

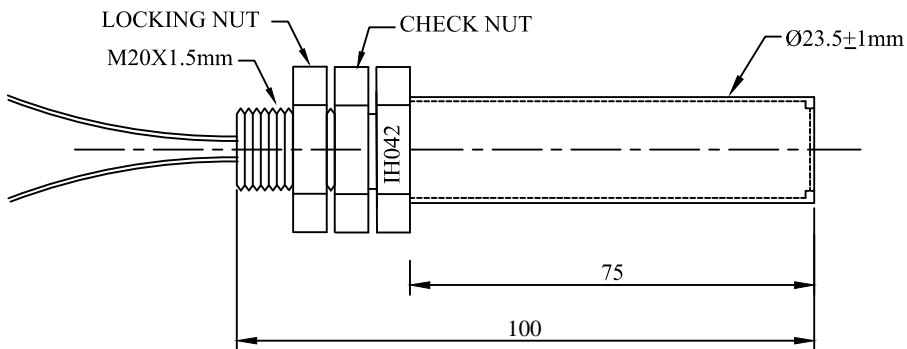
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DATA SHEET	PROBE TYPE HEAT DETECTOR WITH SS JUNCTION BOX (110-140)°C	PART NO :IH042-M- *(110-140)°C-JSS			
DOC. NO.:DP-5.8/MT-741	DATE: JUNE, 2024	REVISION :00	SCALE : N.T.S	SHEET: 1 OF 2	APPD. BY : DB

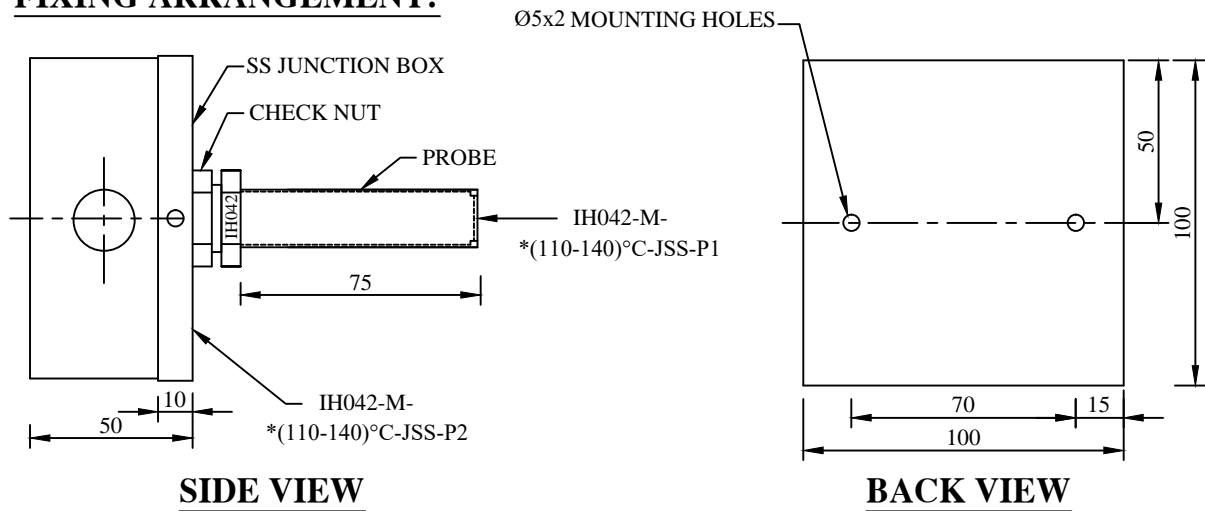
INTRODUCTION :-

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

NOTE-A:- THIS DATASHEET CAN BE ALSO REFERRED AS DOC. NO.:DP-5.8/CP-741



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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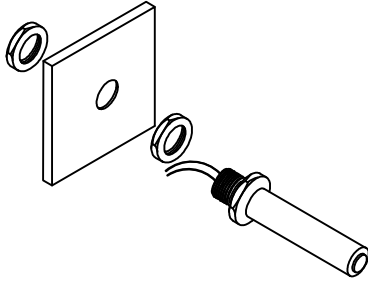
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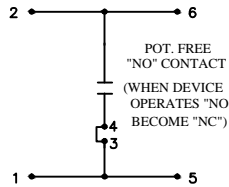
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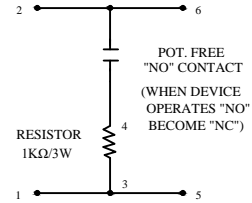
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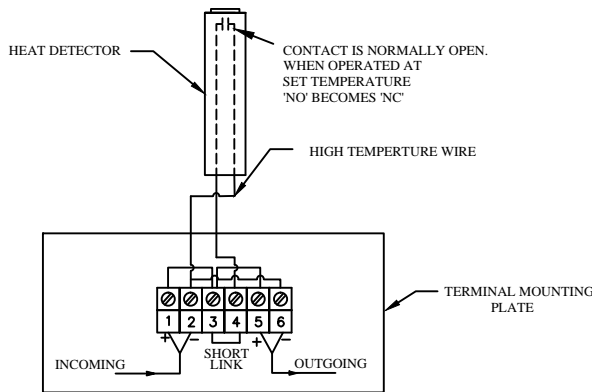
FIXING ARRANGEMENT



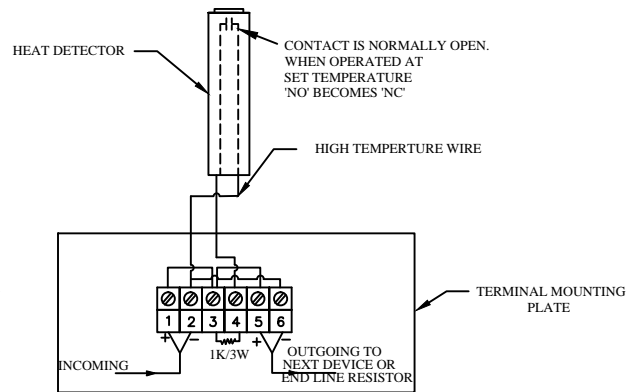
**TYPE - I
EQUIVALENT CIRCUIT
FIG. 1**



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



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



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

S.NO	PART NO**	DESCRIPTION
01.	IH042-M-110-JSS-NO	110°C, NORMALLY OPEN
02.	IH042-M-120-JSS-NO	120°C, NORMALLY OPEN
03.	IH042-M-130-JSS-NO	130°C, NORMALLY OPEN
04.	IH042-M-140-JSS-NO	140°C, NORMALLY OPEN

NOTE C:

1. HEAT DETECTOR IS CONNECTED WITH SHORT LINK.
2. ONE SHORT LINK AND ONE RESISTOR LINK ARE PROVIDED AS SPARE / ACCESSORIES.
3. USE ANY ONE LINK AS PER REQUIREMENT.

TECHNICAL SPECIFICATION

HEAT DETECTOR PART NO: IH042-M-*(110-140)°C-JSS-P1			JUNCTION BOX PART NO: IH042-M-*(110-140)°C-JSS-P2		
01.	MAKE	AGNI CONTROLS	01.	MAKE	AGNI CONTROLS - CHENNAI
02.	TEMPERATURE SETTING	110°/120°/130°/140°C (FIXED TEMPERATURE ANY ONE SETTING ONLY)	02.	a) MATERIAL OF CONSTRUCTION -JUNCTION BOX b) PAINT SHADE	SS SHEET METAL PO RED
03.	TYPE OF SENSING ELEMENT	BI-METAL FIXED TEMPERATURE AUTO RESET TYPE	03.	CABLE ENTRY SIZE	Ø19mm KNOCKOUT HOLES
04.	PROBE BODY	ALUMINIUM	04.	NO. OF CABLE ENTRY	4 Nos.
05.	SETTING TEMPERATURE TOLERANCE	± 7%	05.	APPLICATION	INDOOR APPLICATION ONLY.
06.	CURRENT RATING	240V AC - 10A, 110V AC - 10A, 250V DC - 2.5A, 24V DC - 7A,			
07.	PROTECTION	IP 67 (PROBE ASSEMBLY ONLY)			

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