

DATA SHEET

MASTER ALARM CONTROL PANEL

PART NO : IH151

DOC.NO.:DP-5.8/MT-605

DATE : SEP 2021

REVISION : 00

SCALE : N.T.S

SHEET : 1 OF 2

APPD. BY : DBS

1. INTRODUCTION:

This is a specially designed control panel operates that on 230V AC. Alternatively 24V DC input supply provision also available. Potential free 'NO' contact from pressure switch of cylinder or tube or any other signal initiating device is used in this panel to initiate fire indication and Dual Tone hooter sound.

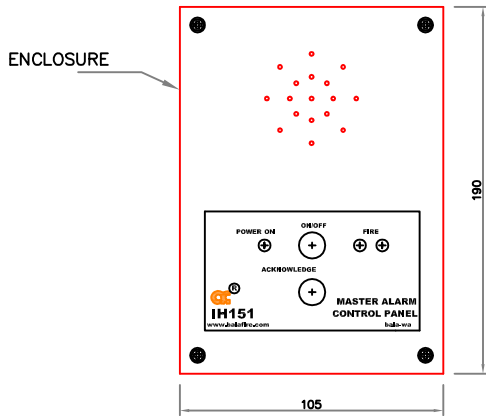


FIG. 1
FRONT VIEW

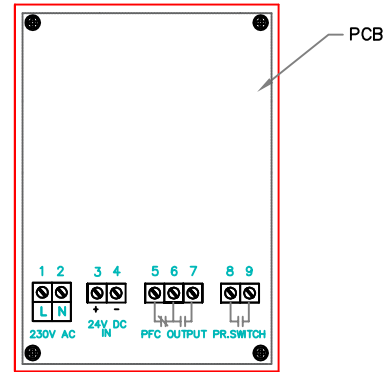


FIG. 2

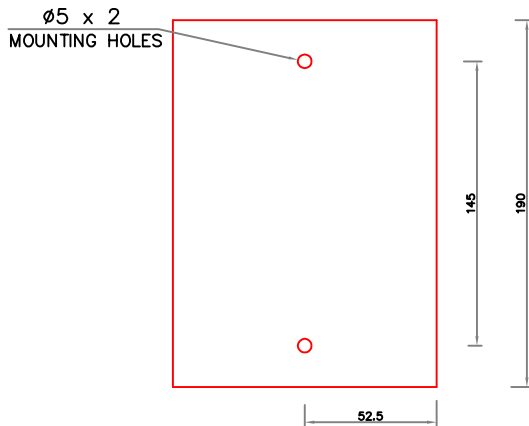


FIG. 3
BACK VIEW

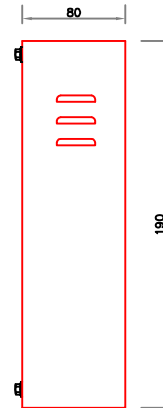


FIG. 4
SIDE VIEW

NOTE:

- 01. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
- 02. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.
- 03. *USE ANY ONE INPUT ONLY ((ie) EITHER 230VAC (OR) 24VDC). BOTH INPUTS NOT REQUIRED.

TECHNICAL SPECIFICATION

01. CONSTRUCTION	(20 SWG) C.R SHEET	07. CURRENT CONSUMPTION	25 Watts
02. FINISHING	RED	08. INDICATION	GREEN LED 'ON' RED DUAL LED FLASHING TYPE
03. CABLE ENTRY	BOTTOM&TOP ENTRY – Ø19mm KNOCK OUT	09. TYPE OF TONE	DUAL TONE, 90<100 dB AT 1 METRE DISTANCE.
04. TYPE OF MOUNTING	WALL MOUNTED	10. OUTPUT	1 SET OF POTENTIAL FREE NO NC COM ONLY
05. DIMENSION	(105 X 190 X 80)mm	11. CONTACT RATING	1A/120V AC & 2A/24V DC
06. INPUT SUPPLY	230V AC ± 10% (OR) 24V DC*		

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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2. FEATURES & OPERATION :**CONTROL AND INDICATION :**

Panel has following control switch,

1. Panel ON or OFF switch.
2. ACKNOWLEDGE push to on switch.

Panel has following visual indication,

1. Panel 'ON' status GREEN LED.
2. Fire status dual RED LED.

Panel has following audio indication,

1. Dual tone buzzer to indicate fire status .

OPERATION:

When switch is ON, power ON green LED will glow. If potential free NO contact from pressure switch or any other signal initiating device is turned to NC mode, dual FIRE RED LED flashes and dual tone fire hooter will be 'ON'.

To acknowledge or silence – Acknowledge push to ON switch is to be used.

When acknowledge switch is operated, then panel hooter will be silenced and flashing RED LED will glow constantly.

RESET by putting panel ON switch in OFF position, If 'NC' mode of signal initiating device say pressure switch, is not changed to 'NO' mode, then when panel switch is 'ON', Fire dual LED & Fire Hooter will be 'ON' again as explained above.

There is one set of potential free NO NC COM contacts are provided to use for remote operation.

3. INSTALLATION PROCEDURE:

1. Remove four screw of top cover (Refer Fig.1)
2. Take back box. Fix back box firmly in vertical position (Refer Fig.1) using mounting hole (Refer Fig.3).
3. Provide either 230V AC or 24V DC supply as shown in Fig.2.
4. When push button ON/OFF switch is 'ON' condition, green LED will 'ON'.
5. During FIRE (When signal from pressure switch 'NO' to 'NC') dual tone alarm will 'ON' and dual FIRE RED LED will flashes.

TESTING:

- a) Short TB 8 & TB 9 to check function of FIRE RED LED and HOOTER.
- b) Observe:
 - (i) Dual FIRE RED LED will flash.
 - (ii) Dual tone hooter 'ON'.
- c) When acknowledge switch is pressed,
 - (i) Dual FIRE RED LED will glow constantly.
 - (ii) Dual tone hooter 'OFF'.

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