

DATASHEET

**DETECTION & CONTROL UNIT WITH CO2
EXTINGUISHING CYLINDER ASSEMBLY**

PART NO : BIH001-34
-46/Z2/D1-AC MR-1

OLD DWG. NO:DP-5.8/12-474
NEW DWG. NO:DP-5.8/MT-145

DATE : JAN 2012
DATE : SEP 2017

REV : 01

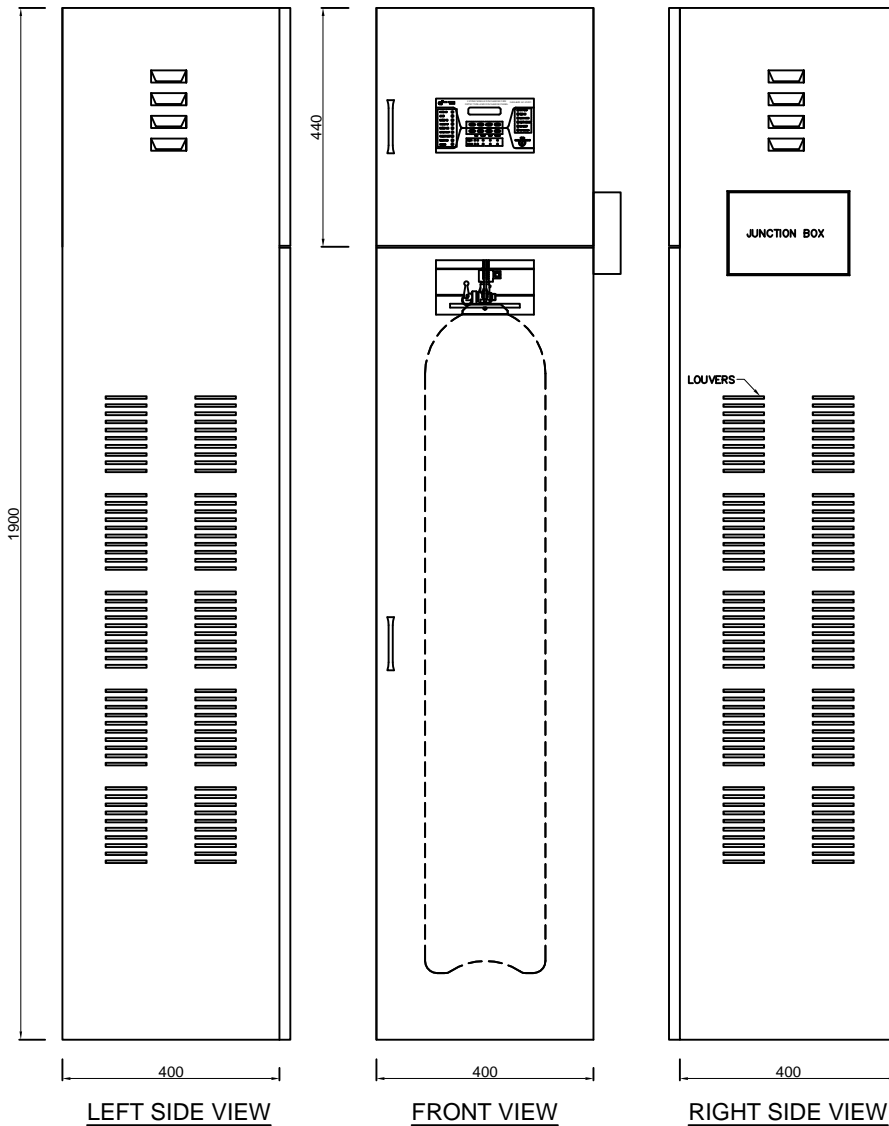
SCALE : N.T.S

SHEET : 1 OF 3

APPD. BY : D.B.S

INTRODUCTION :-

THIS IS STAND ALONE UNIT. THIS UNIT IS USED TO DETECT & DISCHARGE OF CO2 GAS.



DETAILS			
Sl. No.	SYMBOL	DESCRIPTION	PART No./ CODE No.
01.		DETECTION & CONTROL UNIT WITH CO2 EXTINGUISHING CYLINDER ASSEMBLY	BIH001-34 -46/Z2/D1-AC MR-1
1.1		ENCLOSURE ASSEMBLY	M-02 39
1.2		CYLINDER ASSEMBLY	BIH001-34-46/Z2/D1-AC MR-1-P2
1.2.1		22.5 KG. CO2 CYLINDER	BIH048-34
1.2.2		CO2 MASTER VALVE WITH 24V DC SOLENOID & MANUAL RELEASE LEVER	BIH001/DIN
1.2.3		CO2 GAS WITH 99.9% PURITY FILLING	BIH135
1.2.4		HIGH PRESSURE HOSE	BIH023
1.3		ON LINE MONITOR-MECHANICAL INDICATOR TYPE WITH IH008P5 LIMIT SWITCH	IH006 R
1.4		DETECTION & CONTROL UNIT	IH046 MR MODEL NO: Z2/D1
1.4.1		2 X 12V DC,7.2AH, SMF LEAD ACID BATTERY	E 19-01

TECHNICAL SPECIFICATIONS:

1. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
2. TOLERANCE ON DIMENSION ± 3 mm, UNLESS OTHERWISE SPECIFIED.

S.No.	MECHANICAL	S.No.	ELECTRICAL.
01.	MAKE AGNI CONTROLS	01.	WORKING VOLTAGE 24V DC
02.	MATERIAL OF CONSTRUCTION 1.66mm(16 SWG) C.R.SHEET	02.	PRIMARY SOURCE 230V AC
03.	OVER ALL DIMENSION 400(L)x400(W)x1900(H)	03.	SECONDARY SOURCE 2x12V DC OF 7.2 AMPS.SMF BATTERY
04.	PAINT POWDER COATING - SIGNAL RED	04.	SIGNALING VOLTAGE TO DETECTORS 18-22V DC.
05.	CYLINDER 34 LITRES WATER CAPACITY CO2 CYLINDER TO FILL 22.5KG CO2 GAS		

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.

AGNI CONTROLS
CHENNAI

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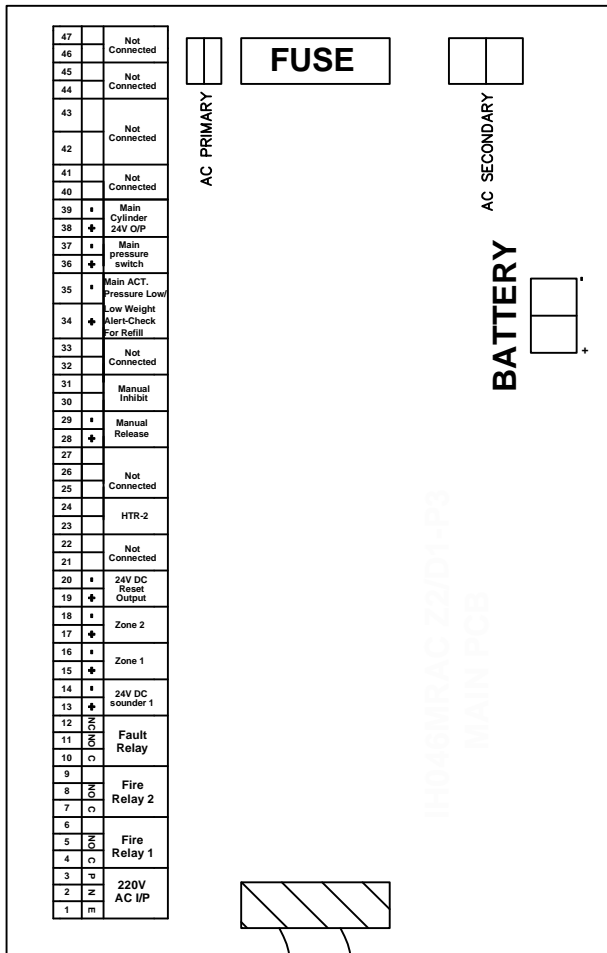
SHEET : 2 OF 3

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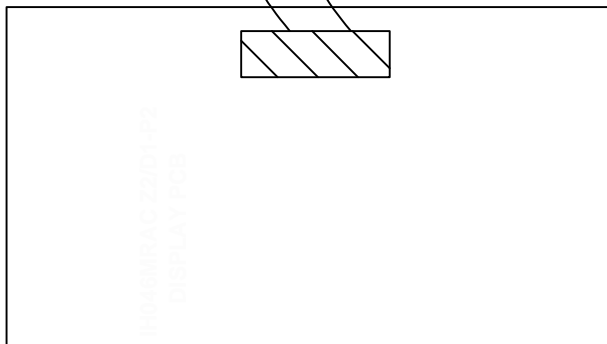
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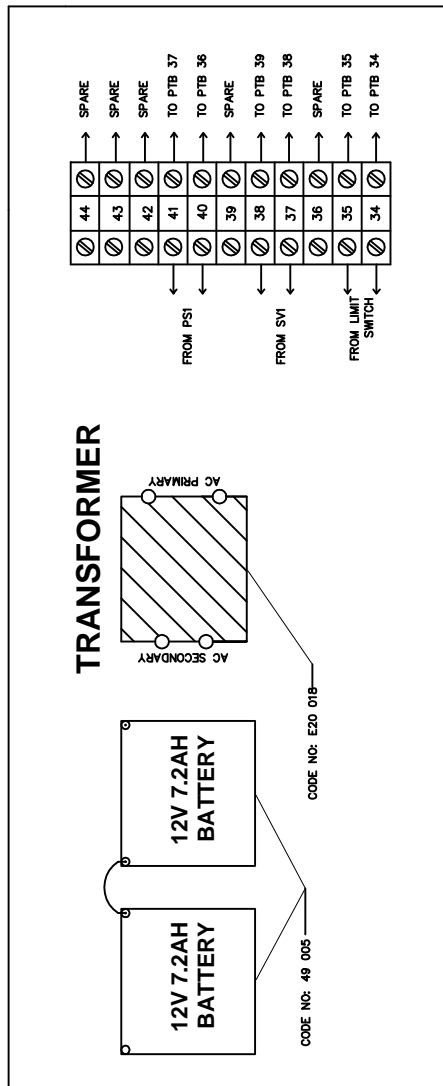
MAIN PCB BOARD



FRONT FACIA



BIH046MR Z1/D1-P1



BOTTOM PLATE

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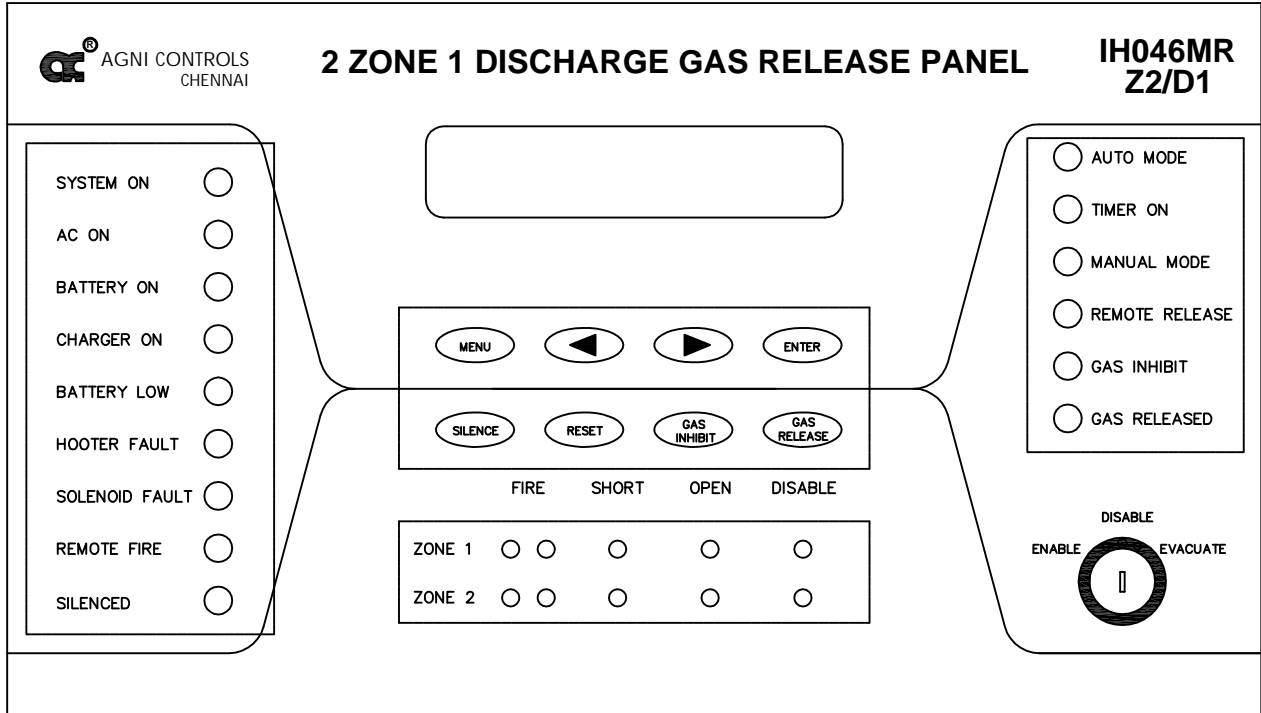
SHEET : 3 OF 3

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FRONT FACIA DETAIL



SPARE TB - 3 Nos.	
FROM PTB24	33 + 24V DC Electrical trip Panel
FROM PTB23	32 + Electrical trip Panel
FROM PTB31	31 + Manual inhibit
FROM PTB30	30 + Manual inhibit
FROM PTB29	29 + Manual gas discharge
FROM PTB28	28 + Manual gas discharge
FROM PTB20	20 + 24V DC Reset Output
FROM PTB19	19 + 24V DC Reset Output
FROM PTB18	18 + Zone 2
FROM PTB17	17 + Zone 2
FROM PTB16	16 + Zone 1
FROM PTB15	15 + Zone 1
FROM PTB14	14 + 24V DC sounder 1
FROM PTB13	13 + 24V DC sounder 1
FROM PTB12	12 Fault Relay
FROM PTB11	11 Fault Relay
FROM PTB10	10 Fire Relay 2
FROM PTB08	8 Fire Relay 2
FROM PTB07	7 Fire Relay 2
FROM PTB05	5 Fire Relay 1
FROM PTB04	4 Fire Relay 1
FROM PTB03	3 220V AC I/P
FROM PTB02	2 220V AC I/P
FROM PTB01	1 220V AC I/P

EXTERNAL JB

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