

fladet[®] SERIES...

DATA SHEET

SPARK DETECTOR ASSEMBLY

PART NO: IH163/1-NI*

DP-5.8/10-328

DATE : DEC 2010

REVISION : 00

SCALE : N.T.S

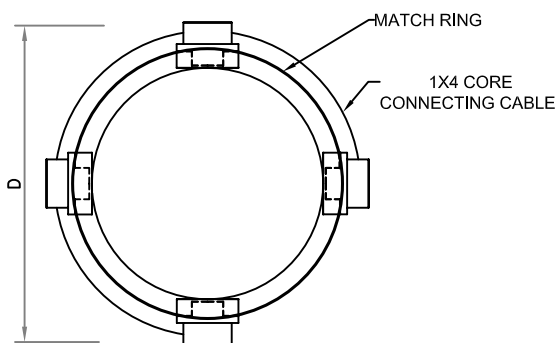
SHEET : 1 OF 1

APPD. BY : DB

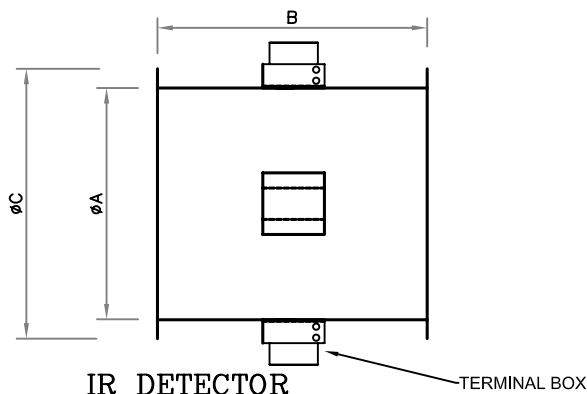
INTRODUCTION :-

SPARK DETECTOR IS DESIGNED TO USE IN DUCT OF VARIOUS SIZES FOR TEXTILE INDUSTRIES OR OTHER SIMILAR INDUSTRIES WHERE THE POSSIBILITY OF FIRE SPREAD THROUGH DUCT FROM ONE WORK PLACE TO OTHER. IT CONSISTS OF 4 SPARK DETECTOR MODULE PLACE IN 90° SPACING.

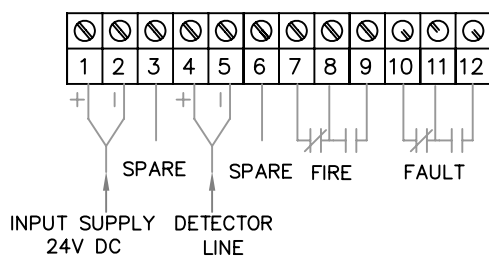
SIDE VIEW



FRONT VIEW



TB DETAILS



PART DIMENSIONS DETAIL

1. $\phi A = 100 \text{ TO } 400$
2. $B = 225$
3. $\phi C = \phi A + 50$
4. $D = \phi C + 150$

(NOTE: TB7 TO 12 CAN BE USED WHEN DETECTOR IS CONNECTED WITH ADDRESSABLE PANEL.)

NOTE :-

1. DETECTOR WORKS WITH AGNI CONTROLS MAKE FIRE ALARM PANEL OF SERIES IH044/IH045/IH046 OR ANY OTHER STANDARD CONVENTIONAL PANEL.
1.1. IT IS RECOMMENDED TO CONNECT ONE SPARK DETECTOR ASSEMBLY IN ONE ZONE.
2. **MATERIAL OF CONSTRUCTION**
BODY : 16 SWG (1.6mm) C.R SHEET.
3. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
4. TOLERANCE ON DIMENSION $\pm 5 \text{ mm}$, UNLESS OTHERWISE SPECIFIED.

TECHNICAL SPECIFICATION

01.	WIRING	FOUR WIRE 2 WIRE FOR INPUT SUPPLY 24V DC 2 WIRE TO CONNECT CONVENTIONAL FIRE ALARM PANEL DETECTOR LINE.	04.	TEMPERATURE RANGE	0° TO 60° C
02.	QUIESCENT CURRENT	150mA @ 24V DC (4 DETECTOR CONNECTION)	05.	No. OF SPARK DETECTOR MODULE	4 Nos.
03.	ALARM CURRENT	110mA MAX. WHEN CONNECT WITH DETECTOR ZONE LINE (18V DC TO 22V DC) 4 DETECTOR (IH163/5) CONNECT	06.	PRINCIPLE OF SPARK DETECTOR	IR. DETECTION TECHNOLOGY
			07.	INDICATION	GREEN LED FLICKER AT 10 SEC. INTERVAL TO INDICATE NORMAL CONDITION. RED LED INDICATE FIRE CONDITION. MOMENTARY
			08.	RESPONSE TIME	

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.



NO.1, 6TH STREET, Dr.SUBBARAYAN NAGAR,
KODAMBAKKAM, CHENNAI-600 024, INDIA.
PHONE : +91 44 2481 2420, FAX : +91 44 2481 2475,
E-MAIL : engineering@agnicontrols.com WEBSITE : www.balafire.com

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