

SENSOR SWITCH INPUT TERMINAL STRIPS
ROUTE SENSOR LEADS IN CONDUIT
SEPARATE FROM ALL OTHER WIRING.

NON-INCENDIVE FIELD WIRING CONNECTIONS
TO PASSIVE SWITCHES FOR USE IN
CLASS I, DIV. 2, GROUP C & D.

SENSOR LEAD
MAXIMUM LENGTH 200 FT.


TYPICAL NORMALLY
OPEN SENSOR, REF. NOTE 4
FOR USE IN CLASS I, DIV.2,
GROUPS C & D, HAZARDOUS LOCATIONS

TYPICAL WIRING INSTALLATION

NOTES:

1. SENSOR INPUTS 1 - 15 ARE TIMED FOR START-UP.
2. SENSOR NUMBER 47 IS MANUAL STOP (INTERNAL).
3. SENSOR NUMBER 46 CONNECTED TO OVERSPEED SWITCH (TACHOMETER).
4. SENSORS ARE NORMALLY OPEN, MECHANICALLY ACTUATED PASSIVE SWITCHES RETURNED TO GROUND POTENTIAL TO ACTIVATE ANNUNCIATOR.
5. RELAYS ARE ENERGIZED FOR RUN RELAYS ARE DEENERGIZED TO STOP.
6. NON-INCENDIVE FIELD CIRCUITS VOC = 10.5VDC, ISC = 1.2ma
CA = 21uf, LA = 1000MH.

NO REVISIONS WITHOUT PRIOR CANADIAN
STANDARDS ASSOCIATION AND FACTORY
MUTUAL APPROVAL

E	CHANGED NC TO 47, ADDED GROUP C	11-14-95	95-H193	BF	
D	CHANGED GRD TO NC	1-10-95	94-H348	BF	
C	OMIT MANUAL STOP & 47, ADD GND AND NOTE #6	12-13-94	94-H323	BF	
B	CHANGE CSA NOTE	05-05-93			
A	ADD & CHANGE CSA & FM NOTES	04-13-93			
REV.	CHANGES MADE	DATE	ERNO	BY	CHK
UNLESS NOTED OTHERWISE DIMENSIONS ARE IN INCHES - TOLERANCES AS NOTED .XX +/- .030 .XXX +/- .010		PRE- PROD. <input type="checkbox"/>	 SOUTHERN DIVISION - ROSENBERG, TEXAS		
ANGLES +/-2 ✓ 125		PROD. <input checked="" type="checkbox"/>			
MATERIAL	DATE: 12-15-92	NAME WIRING INSTALLATION			
	ORIG.#	USED ON MARK IV			
	SCALE: NONE	PART NO. MARK IV-12/24			
FINISH	DRWN BY: BF	DWG. NO. HC13443			REV E
	CHKD BY:				
	APPD BY:				