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SECURITY CLASSIFICATION
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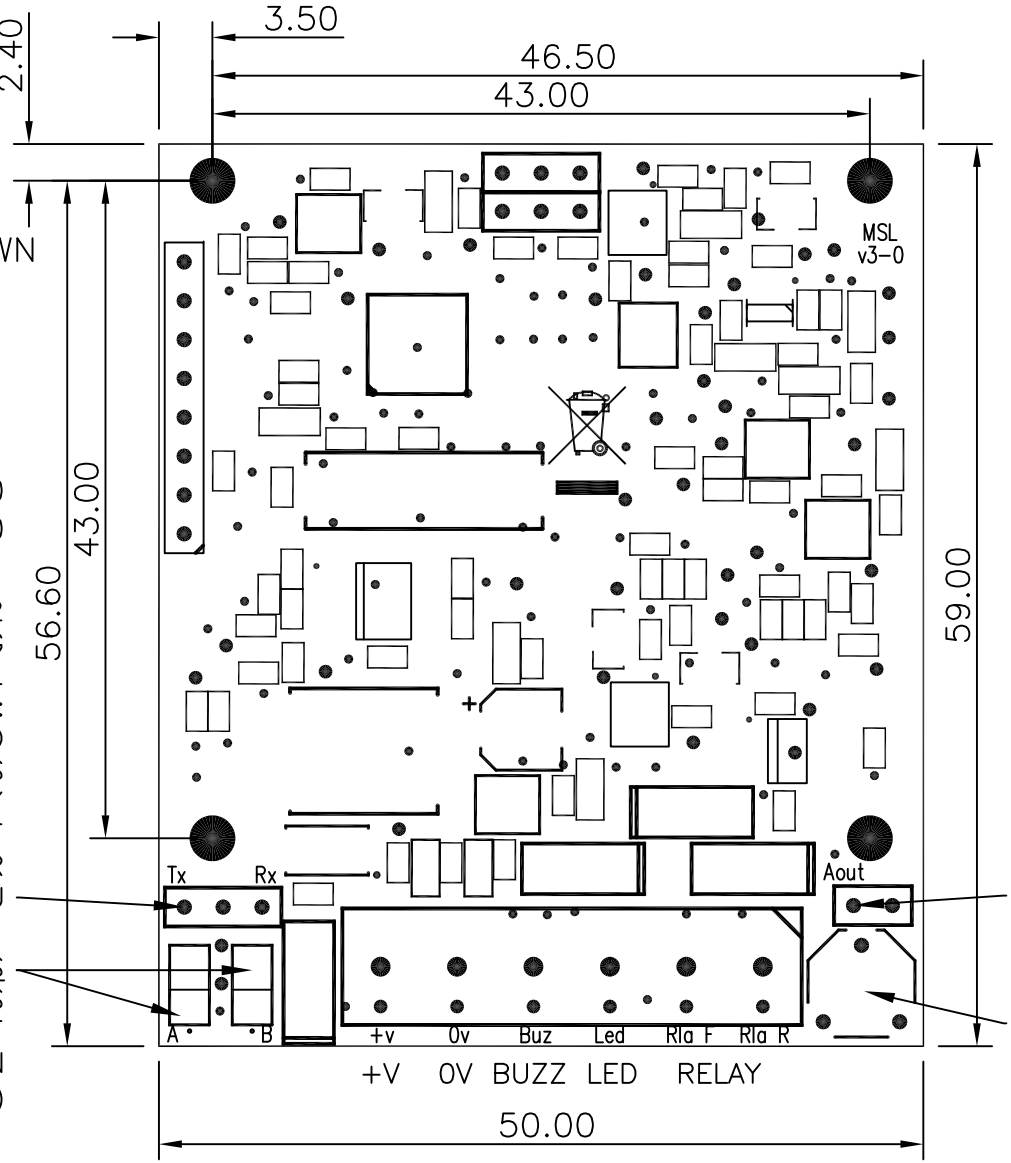
USED ON

3rd ANGLE PROJECTION

0 25 50 75
75 MILLIMETRES FULL SIZE



DETECTOR IS SHOWN WITHOUT A M/W MODULE FITTED.

MAX DEPTH
24MM – MDU1750
40MM – MDU4200

RS232 PROGRAMMING
USE HYPERTERMINAL
SETTINGS ARE:
2400 BAUD
8 DATA BITS
NO PARITY
1 STOP BIT
PRESS ENTER FOR THE MENU

LEDS
FLASHING GREEN IS DETECTING MOVEMENT
RED IS DETECTION (RELAY ACTIVATES)

AMPLIFIED DETECTOR OUTPUT

RANGE ADJUSTMENT POT.
MIN RANGE – FULLY ANTICLOCKWISE
MAX RANGE – FULLY CLOCKWISE

NOTES:

1. SUPPLY VOLTAGE IS +12V
2. BUZZER CONNECTION ALLOWS THE USE OF AN EXTERNAL BUZZER. IT IS A CURRENT SINK (LIMITED TO 200mA). CONNECT THE BUZZER BETWEEN +V AND THE "BUZZ" TERMINAL.
3. LED CONNECTION ALLOWS THE USE OF AN EXTERNAL LED. IT IS A CURRENT SINK AND SET TO 10mA. CONNECT THE LED BETWEEN +V AND THE "LED" TERMINAL.
4. OUTPUTS ARE SET TO OPERATE FOR 2 SECONDS AND FOLLOW THE RED LED INDICATION.
5. THE AMPLIFIED ANALOGUE SIGNAL (Aout) FROM THE MICROWAVE MODULE IS MADE AVAILABLE ON A 2 WAY HEADER. (THE OTHER HEADER PIN IS GROUND).
6. THE DETECTOR IS PRE-PROGRAMMED FOR PULSED OR CONTINUOUS OPERATION AND FOR A NO OR NC RELAY OPERATION. THESE AND OTHER OPERATING PARAMETERS CAN BE CHANGED USING THE RS232 PROGRAMMING INTERFACE. (CONTACT MSL FOR FULL DETAILS).

Q.A.
PROD. ENG.
ELECT. ENG.
MECH. ENG.
PROJECT
CHECKED
DRAWN I. ALDRED

ISSUE	DATE	A.N. NO.	CHK'D	ISSUE	DATE	A.N. NO.	CHK'D
1	24/05/11						

MATERIAL

PROTECTIVE FINISH

ESTIMATED MASS (kg) 20 (APPROX)

SCALE (ORIGINAL) 1 : 1

DIMENSIONS IN MILLIMETRES

TOLERANCES
LINEAR ± 0,2
UNLESS OTHERWISE STATED

TITLE
MICROWAVE ONLY DETECTOR - VER. 3 INTERFACE
OUTLINE CONTROL DRAWING

MICROWAVE SOLUTIONS LIMITED, HAMILTON HOUSE
111 MARLOWES, HEMEL HEMPSTEAD, HERTS, HP1 1BB

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DRAWN IN ACCORDANCE WITH BS 308

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MSL DRAWING NO. 1273-08100-DS-4

SHEET NO. 1 OF 1

PART NO. AS41201

08100DS1