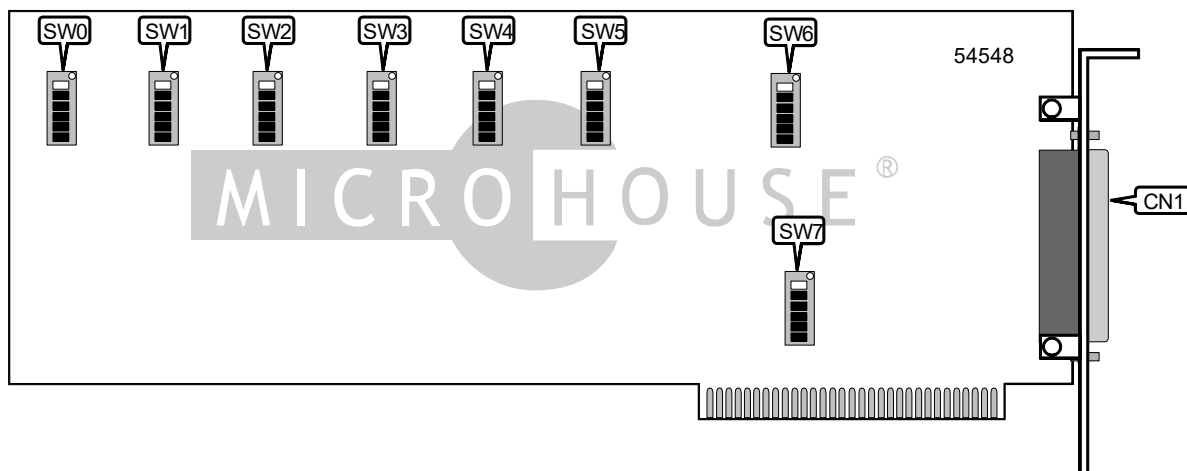


INDUSTRIAL COMPUTER SOURCE

AOB6-P

Card Type
I/O Options
Data Bus
Card Size

Analog to digital timing converter, Digital I/O card
Serial port
8-bit ISA
Full-length



CONNECTIONS	
Function	Label
DB-37 connector	CN1

VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW0/1	SW0/2	SW0/3	SW0/4	SW0/5	SW0/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

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VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW4/1	SW4/2	SW4/3	SW4/4	SW4/5	SW4/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

VOLTAGE RANGE SETTINGS						
Function: Voltage Range	SW5/1	SW5/2	SW5/3	SW5/4	SW5/5	SW5/6
0V to 5V	On	Off	Off	Off	On	Off
0V to 10V	Off	On	Off	Off	On	Off
-2.5V to +2.5V	On	Off	Off	On	On	Off
-5V to +5V	On	Off	Off	On	Off	Off
-10V to +10V	Off	On	Off	On	Off	Off

CURRENT RANGE SETTINGS						
Function: Current Range	SW0/1	SW0/2	SW0/3	SW0/4	SW0/5	SW0/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

CURRENT RANGE SETTINGS						
Function: Current Range	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

CURRENT RANGE SETTINGS						
Function: Current Range	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

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CURRENT RANGE SETTINGS						
Function: Current Range	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

CURRENT RANGE SETTINGS						
Function: Current Range	SW4/1	SW4/2	SW4/3	SW4/4	SW4/5	SW4/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

CURRENT RANGE SETTINGS						
Function: Current Range	SW5/1	SW5/2	SW5/3	SW5/4	SW5/5	SW5/6
1 - 5 mA	On	Off	On	Off	On	Off
4 - 20 mA	On	Off	On	Off	On	On
0 - 50 mA*	On	Off	Off	Off	On	On
* Signifies option requiring addition of one 167 ohm resistor per channel						

ANALOG-OUTPUT UPDATE SETTINGS						
Channels	SW6/1	SW6/2	SW6/3	SW6/4	SW6/5	SW6/6
A0, A1	On	Off	Off	On	Off	Off
A2, A3	Off	On	Off	Off	On	Off
A4, A5	Off	Off	On	Off	Off	On
Simultaneous	On	On	On	Off	Off	Off
External	Off	Off	Off	On	On	On
None	Off	Off	Off	Off	Off	Off

BASE I/O ADDRESS SELECTION						
Setting	SW7/1	SW7/2	SW7/3	SW7/4	SW7/5	SW7/6
000h	On	On	On	On	On	On
010h	On	On	On	On	On	Off
030h	On	On	On	On	Off	Off
200h	Off	On	On	On	On	On
2D0h	Off	On	Off	Off	On	Off
300h	Off	Off	On	On	On	On
380h	Off	Off	Off	On	On	On
3C0h	Off	Off	Off	Off	On	On
3E0h	Off	Off	Off	Off	Off	On
3F0h	Off	Off	Off	Off	Off	Off

Note: A total of 64 base address settings are available. The switches are a binary representation of the decimal memory addresses. SW7/1 is the Most Significant Bit and switch SW7/6 is the Least Significant Bit. The switches have the following decimal values: SW7/1=512, SW7/2=256, SW7/3=128, SW7/4=64, SW7/5=32, SW7/6=16. Turn off the switches and add the values of the switches to obtain the correct memory address. (Off=1, On=0)