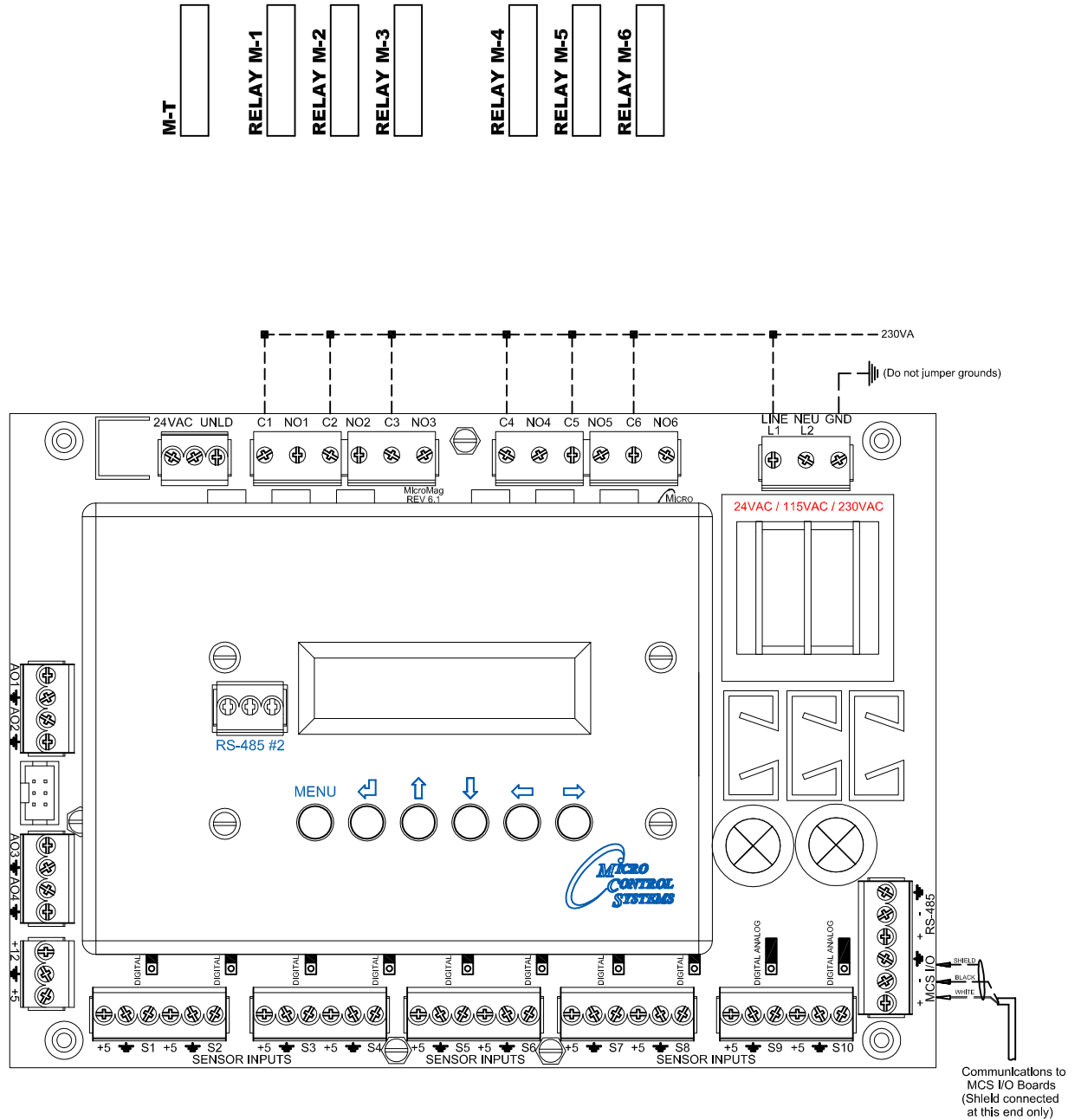


MicroMag

Hardware Revision 6.1



M-T

RELAY M-1

RELAY M-2

RELAY M-3

RELAY M-4

RELAY M-5

RELAY M-6

SENSOR M-1

SENSOR M-2

SENSOR M-3

SENSOR M-4

SENSOR M-5

SENSOR M-6

SENSOR M-7

SENSOR M-8

SENSOR M-9

SENSOR M-10

NOTES :

1. Sensors MUST use shielded cable and shield must not be broken. The shield must be connected only at the Sensor Input terminal block

2. All sensor inputs are 0 to 5vdc.

3. Amp input sensors are field wired and must be shielded cable. They generate their own voltage and do not require 5vdc from the MCS unit.

4. Digital input sensors are field wired and must be shielded cable. The 5vdc is taken out from the sensor terminal and wired through the switch. The jumper must then be set to digital.

5. To Alter Digital/Analog Jumpers for Sensor Inputs #1-8, the MicroMag Cover must first be removed.

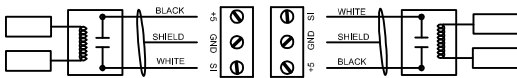
6. Factory wired: _____
Field wired: _____
7. Digital Sensor Jumper :
Analog Sensor Jumper :

MicroMag Rev. 6.1 TEMPLATE	
CAD Tech	I.Mitchell
Date	10/11/2016
Revision	C (2016-10-14)
Page	1 of 2

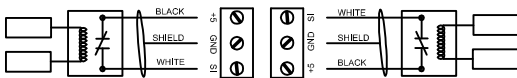
MCS SENSOR TEMPLATES

All sensors on Template are wired as Factory wired, if needed to be Field wired change lines to dash lines.

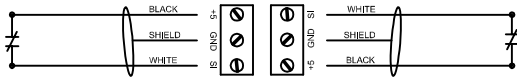
Relay Isolated Digital Input (NO)



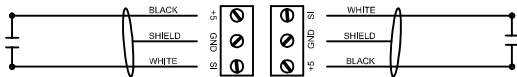
Relay Isolated Digital Input (NC)



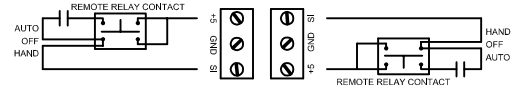
DIGITAL INPUT (NC)



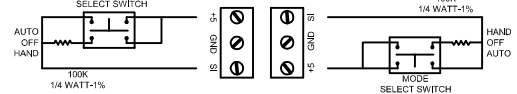
DIGITAL INPUT (NO)



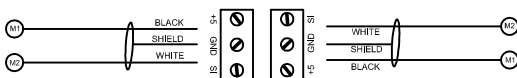
Three Way RUN/OFF/AUTO Switch



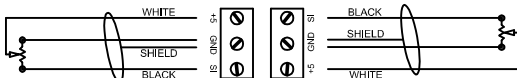
Trane Purge Select Switch



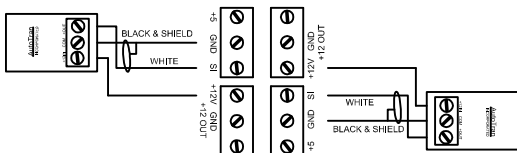
Hanbell Motor Protector (INT69IHBY)



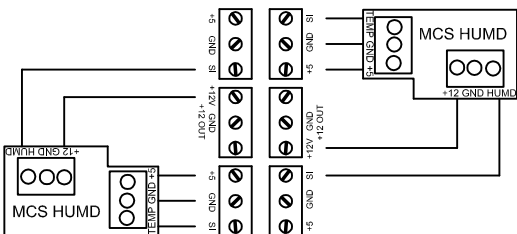
Potentiometer



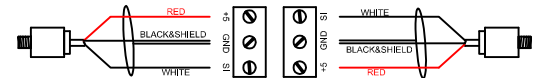
MCS-STATIC-1", 5"



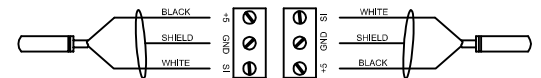
MCS-HUMID



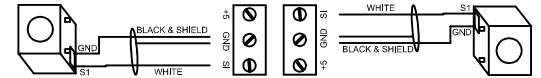
MCS-200/500/667



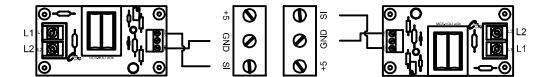
MCS-T100/T100-L/T300/T300-H/T300-L



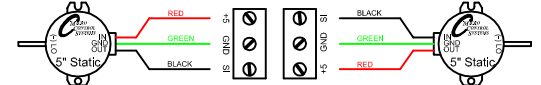
MCS-CT100/250/300/500/800/1500



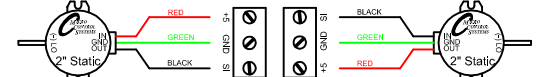
MCS-VOLTAGE



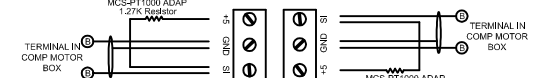
MCS-STATIC-5" B



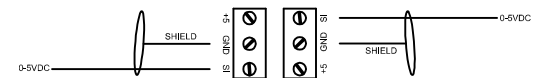
MCS-STATIC-0.2" B



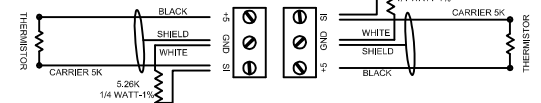
MCS-PT1000



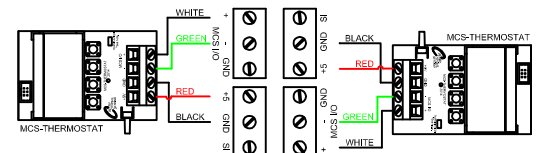
External 0-5VDC Input



Carrier 5K Thermistor



MCS-STATIC-1", 5"




NOTES:

1. Sensors MUST use shielded cable and shield must not be broken. The shield must be connected only at the Sensor Input terminal block.
2. Pressure and temperature sensors are available with 20', 40' & 60' of cable.
3. All sensor inputs are 0 to 5vdc.
4. Amp input sensors are field wired and must be shielded cable. They generate their own voltage and do not require 5vdc from the MCS unit.

5. Digital Input sensors are field wired and must be shielded cable. The 5vdc is taken out from the sensor terminal and wired through the switch. The jumper must then be set to digital.

6. Factory wired: ————
Field wired: - - - - -

7. Digital Sensor Jumper:
Analog Sensor Jumper:

 MCS SENSOR TEMPLATES	
CAD Tech	I. Mitchell
Date	10/11/2016
Revision	C (2016-10-14)
Page	2 of 2