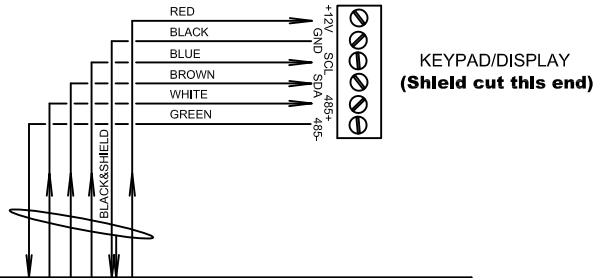


**SENSOR M-13**  
**SENSOR M-14**  
**SENSOR M-15**  
**SENSOR M-16**

**NOTE:**

1. Shield **MUST** be connected at Magnum, and cut at keypad.



**SENSOR M-1**

**SENSOR M-2**

**SENSOR M-3**

**SENSOR M-4**

**SENSOR M-5**

**SENSOR M-6**

**SENSOR M-7**

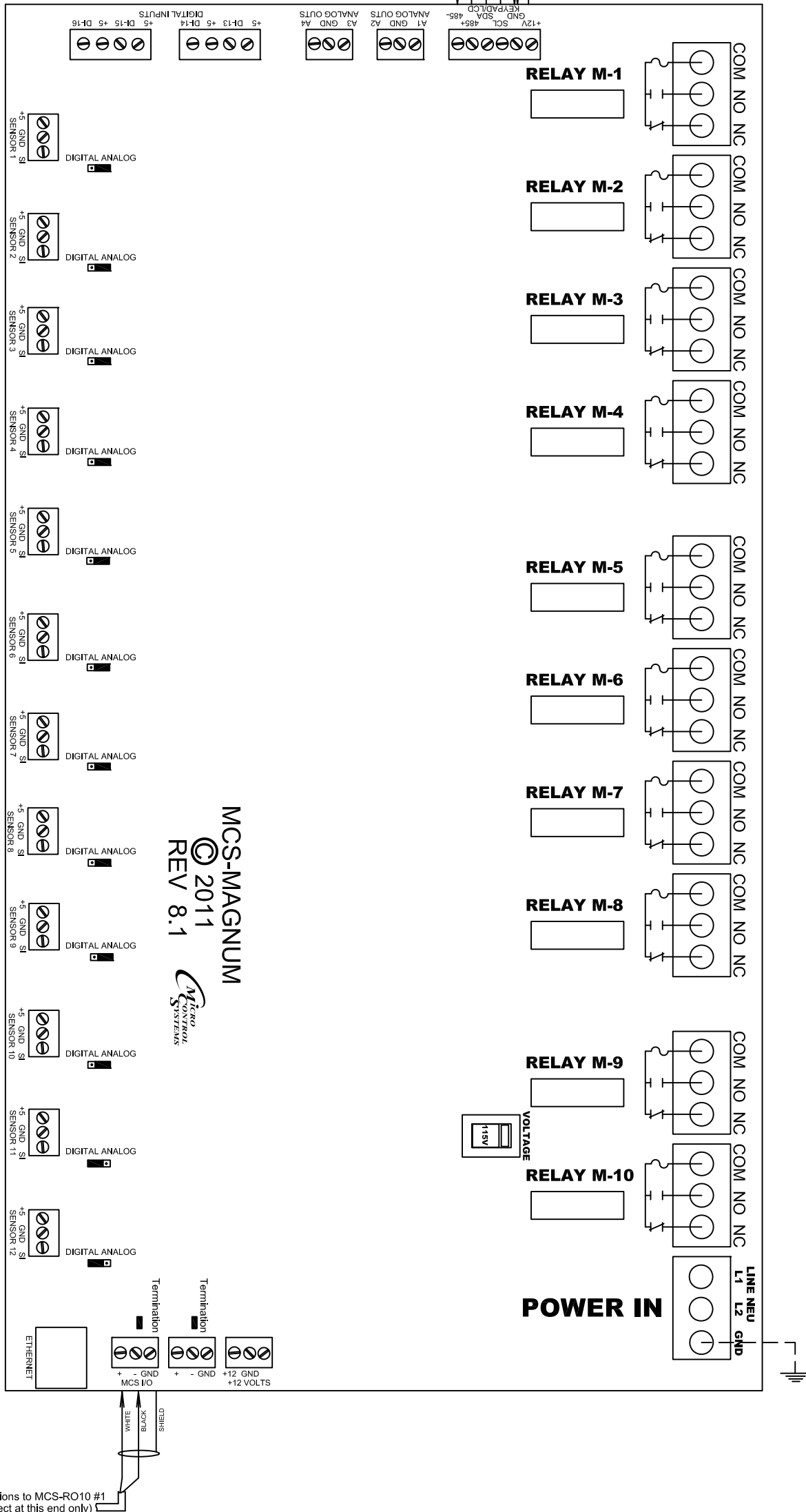
**SENSOR M-8**

**SENSOR M-9**

**SENSOR M-10**

**SENSOR M-11**

**SENSOR M-12**



**NOTES:**

- Sensors **MUST** use shielded cable & shield must not be broken. The shield must be connected only at the Sensor Input terminal block
- Pressure and temperature sensors are available with 20', 40' & 60' of cable.
- All sensor inputs are 0 to 5vdc.
- 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.
- Digital input sensors are field wired & must be shielded cable. The 5vdc is taken out from the sensor terminal & wired through the switch. The jumper must then be set to digital.

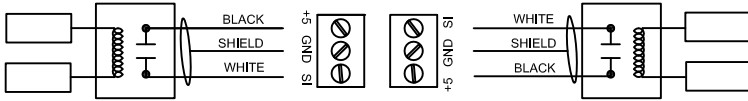
- Factory wired. \_\_\_\_\_  
Field wired. - - - - -
- Digital Sensor Jumper. :     
Analog Sensor Jumper. :

|          |                                |
|----------|--------------------------------|
|          | <b>MCS-MAGNUM<br/>TEMPLATE</b> |
| CAD Tech | M. Schreiber                   |
| Date     | 05/10/2012                     |
| Revision | B(2012-11-08)                  |
| Page     | 1 of 2                         |

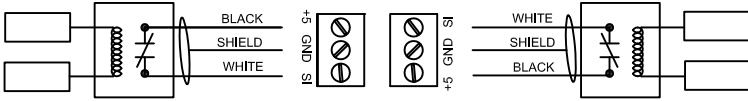
# MCS SENSOR TEMPLATES

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

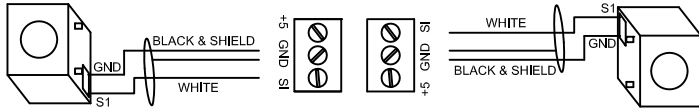
## Relay Isolated Digital Input (NO)



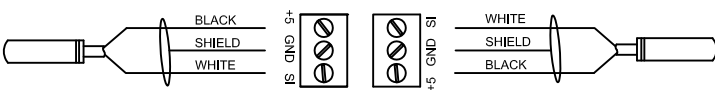
## Relay Isolated Digital Input (NC)



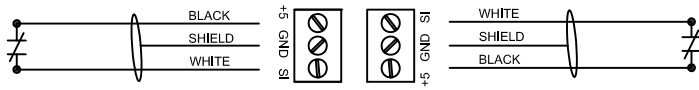
## MCS-CT100/250/300/500/800/1500



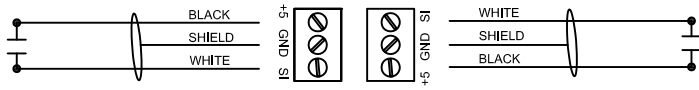
## MCS-T100/T100-L/T300/T300-H/T300-L



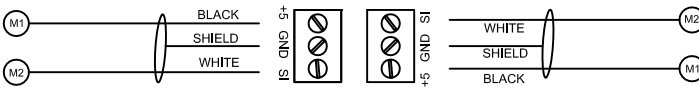
## DIGITAL INPUT (NC)



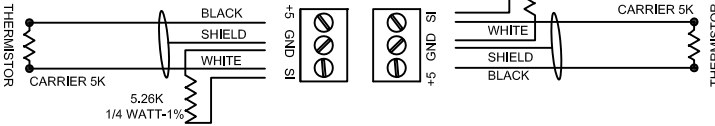
## DIGITAL INPUT (NO)



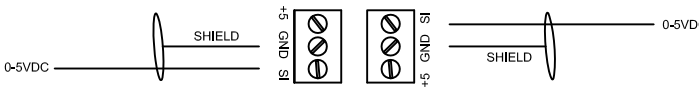
## Hanbell Motor Protector (INT69IHB)



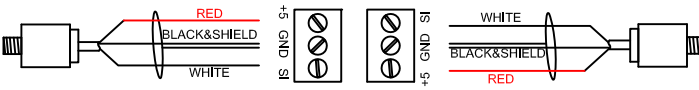
## Carrier 5K Thermistor



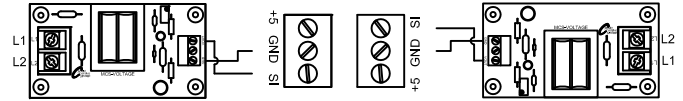
## External 0-5VDC Input



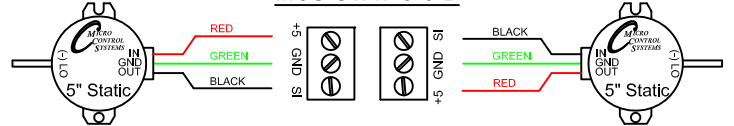
## MCS-200/500/667



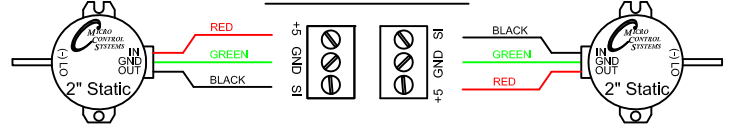
## MCS-VOLTAGE



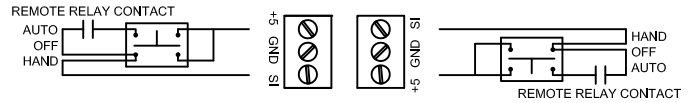
## MCS-STATIC-5"B



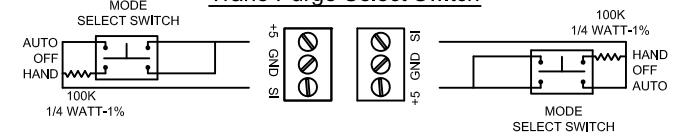
## MCS-STATIC-0.2\"B



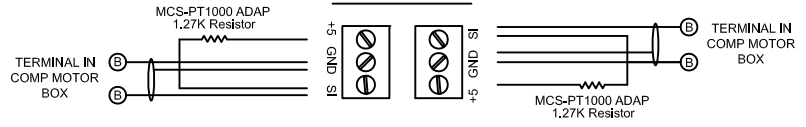
## Three Way RUN/OFF/AUTO Switch



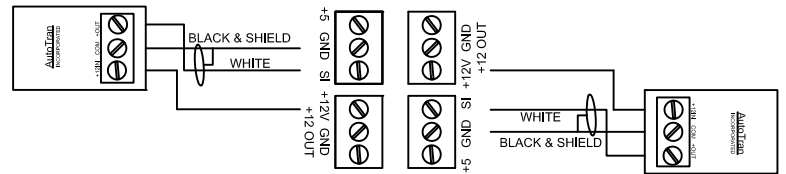
## Trane Purge Select Switch



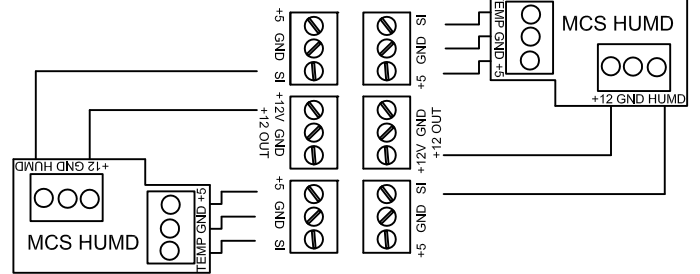
## MCS-PT1000



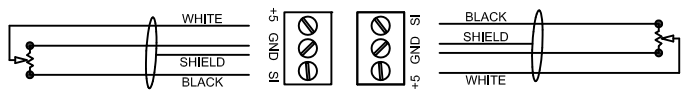
## MCS-STATIC-1\", 5\"



## MCS-HUMD



## Potentiometer



### 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             | M. Schreiber  |
| Date                 | 05/10/2012    |
| Revision             | B(2012-11-08) |
| Page                 | 2 of 2        |