

MCS-SI16-AO4  
ADDRESS #1

SENSOR 1-9

SENSOR 1-10

SENSOR 1-11

SENSOR 1-12

SENSOR 1-13

SENSOR 1-14

SENSOR 1-15

SENSOR 1-16

SENSOR 1-1

SENSOR 1-2

SENSOR 1-3

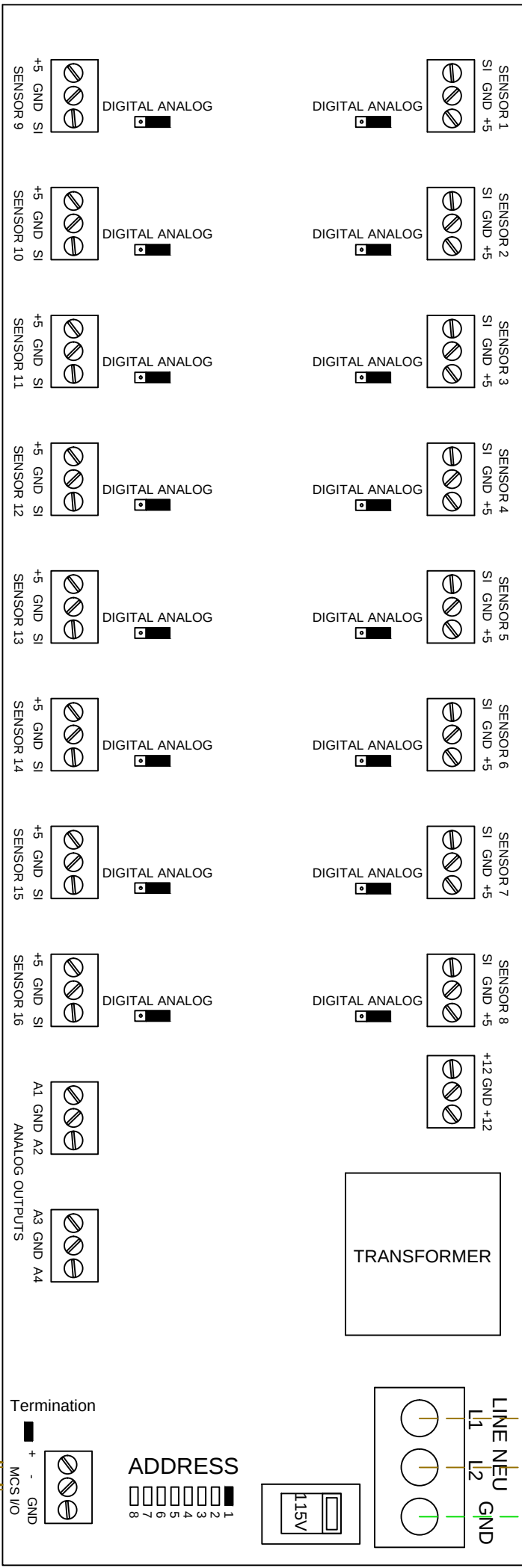
SENSOR 1-4

SENSOR 1-5

SENSOR 1-6

SENSOR 1-7

SENSOR 1-8



Communications to Preveous MCS Board in Address Sequence (shield NOT grounded at this end)

Communications to Next MCS Board in Address Sequence (shield grounded at this end only)

NOTES:

- Sensors MUST use shielded cable and shield must not be broken. The shield must be connected only at the Sensor Input terminal block
- All sensor inputs are 0 to 5vdc.
- If BASE has an EXT installed, the EXT address is the BASE +1.  
Example: MCS-IO-BASE Address = 1  
MCS-IO-EXT Address = 2

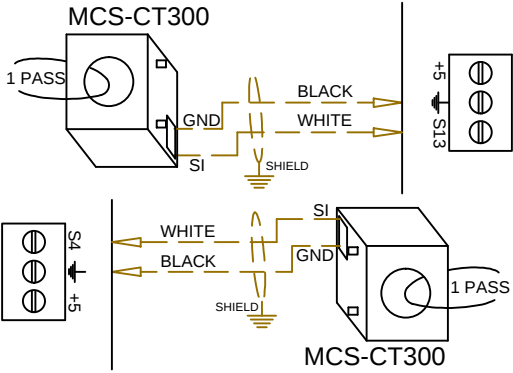
- Amp input sensors are field wired and must be shielded cable. They generate their own voltage and do not require 5vdc from the MCS unit.
- Digital input sensors are field wired and must be shielded cable. The 5vdc is taken out from the sensor terminal and wired through the switch. The jumper must then be set to digital.

- Factory wired: ☐ Field wired: ☐
- Digital Sensor Jumper : ☐ Analog Sensor Jumper : ☐

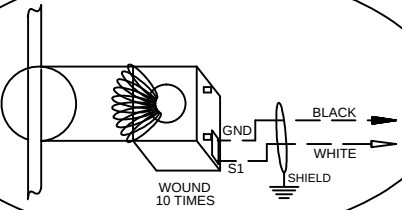
|            |      |                 |  |
|------------|------|-----------------|--|
|            |      | Job Site Name   |  |
| SO# 000000 |      | Customer Name   |  |
| Unit Type  |      | Unit Type       |  |
| Drawing #  |      | SO# - Drawing # |  |
| Revision   | 1A   | Date            |  |
| CAD Tech   | Name | Page #          |  |

MCS-SI-BASE/EXT  
SENSORS  
(Page 1)

CT300

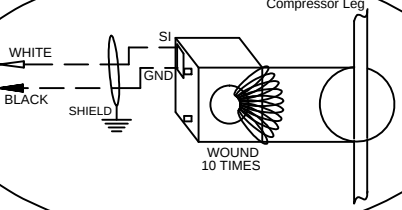


NOTE A

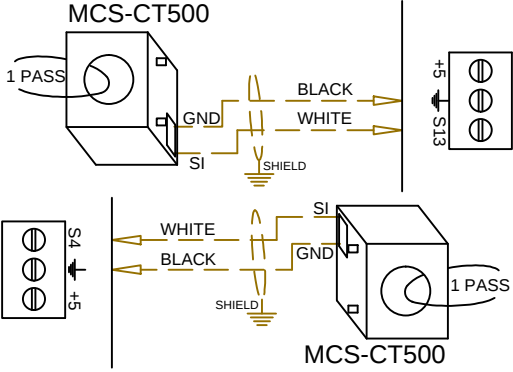


EDIT WIRE TURNS TO MATCH CFG

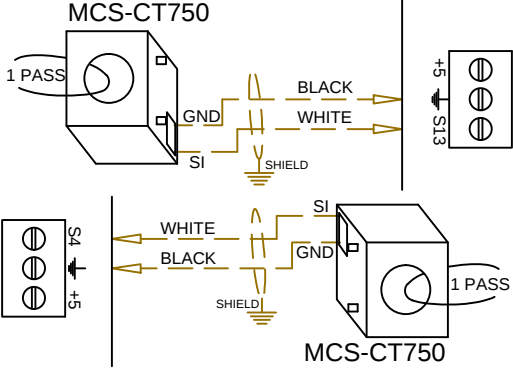
NOTE A



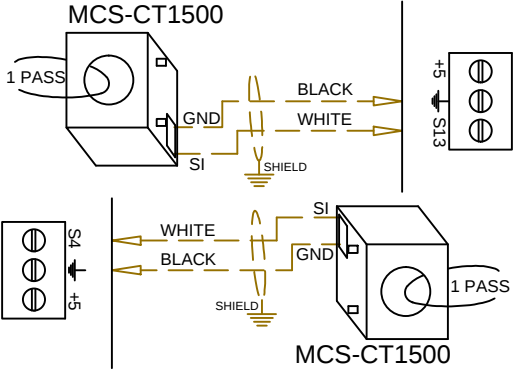
CT500



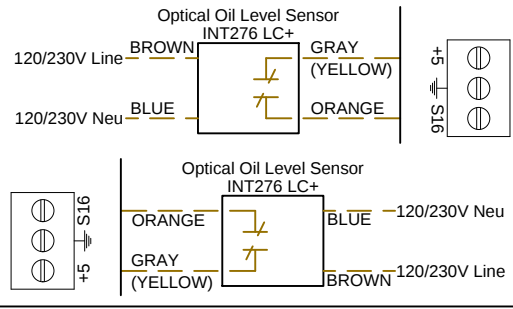
CT750



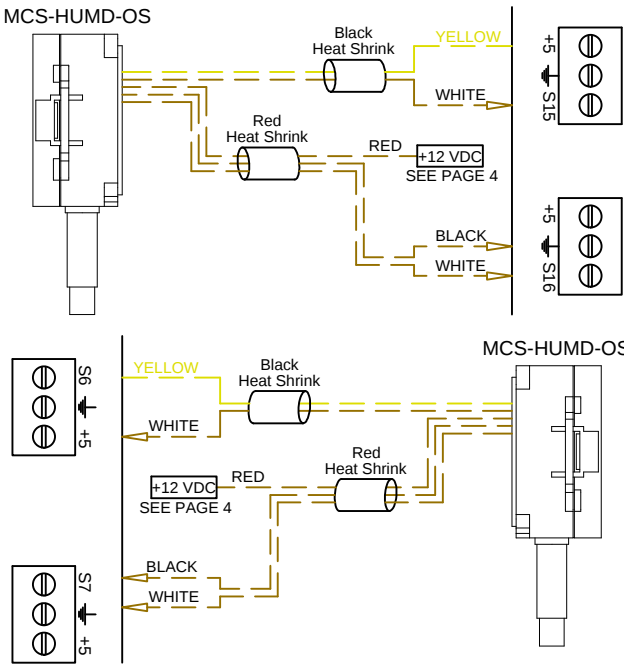
CT1500



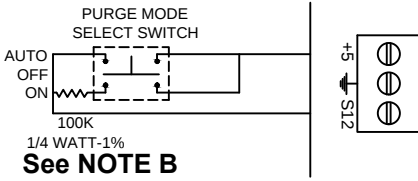
INT276 LC+



MCS-HUMD-OS

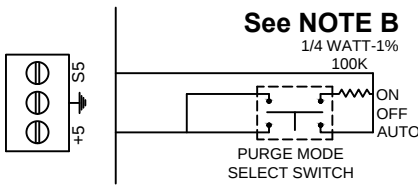


3-way Purge Mode Switch



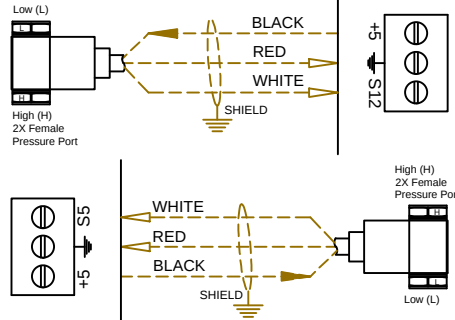
See NOTE B

See NOTE B

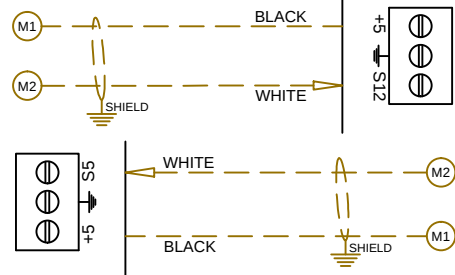


NOTE B  
0.0v = Purge State OFF  
2.5v = Purge State ON  
5.0v = Purge State Auto

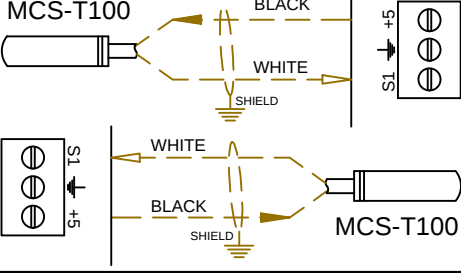
MCS-PSI DIFFERENTIAL



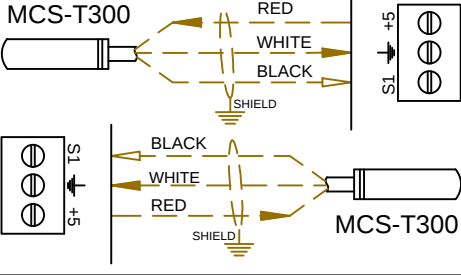
HANBELL AND RECIP  
MOTOR FAULT



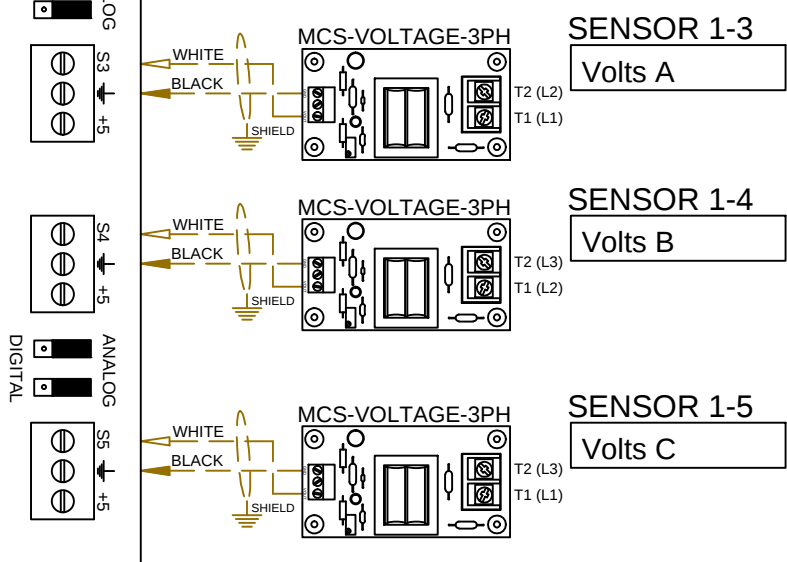
T100



T300



MCS-VOLTAGE-3PH

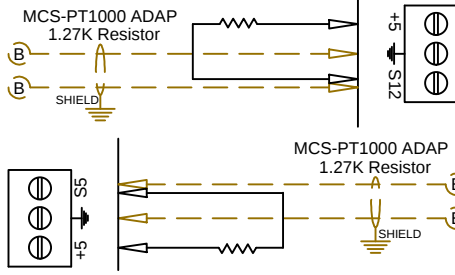


SENSOR 1-9  
Volts A

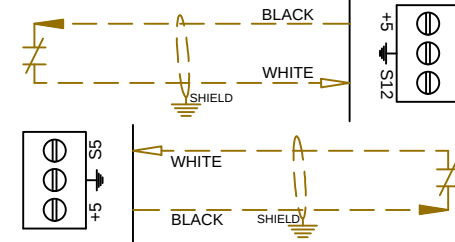
SENSOR 1-10  
Volts B

SENSOR 1-11  
Volts C

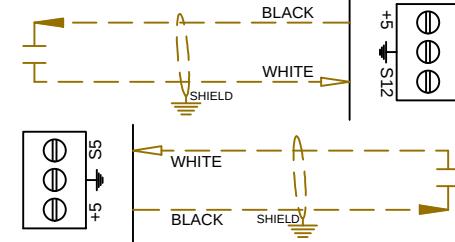
PT1000



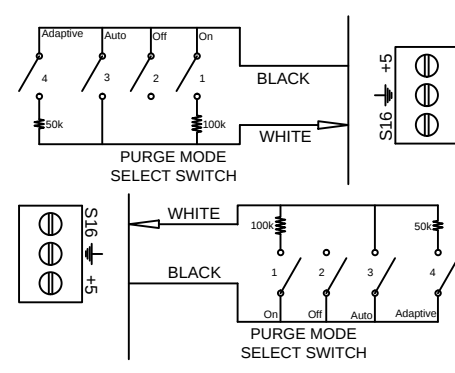
DIGITAL (CLOSED)



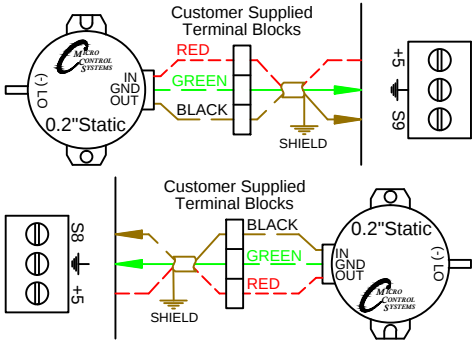
DIGITAL (OPEN)



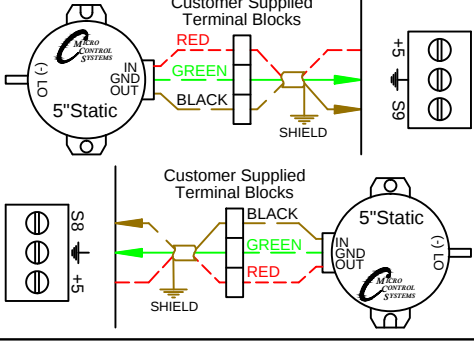
4-way Purge Mode Switch



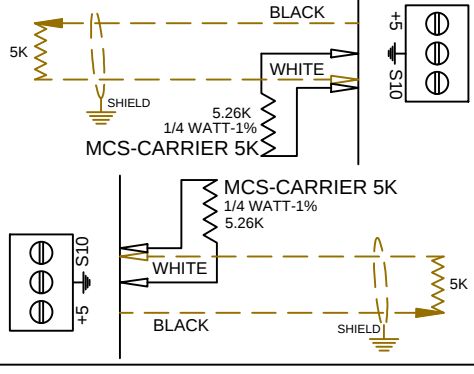
MCS-STATIC-0.2-B



MCS-STATIC-5-B



CARRIER 5K



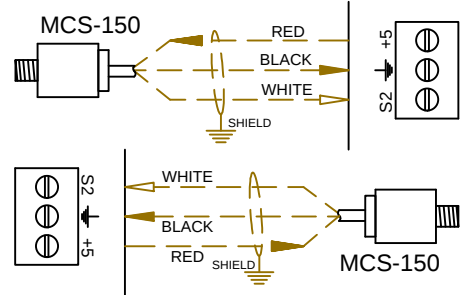
|                                                                                                                   |               |        |
|-------------------------------------------------------------------------------------------------------------------|---------------|--------|
|  MICRO<br>CONTROL<br>SYSTEMS | Job Site Name |        |
|                                                                                                                   | SO# 000000    |        |
|                                                                                                                   | Customer Name |        |
|                                                                                                                   | Unit Type     |        |
|                                                                                                                   | Drawing #     |        |
| SO# - Drawing #                                                                                                   |               |        |
| Revision                                                                                                          | 1A            | Date   |
| CAD Tech                                                                                                          | Name          | Page # |

MCS-SI-BASE/EXT

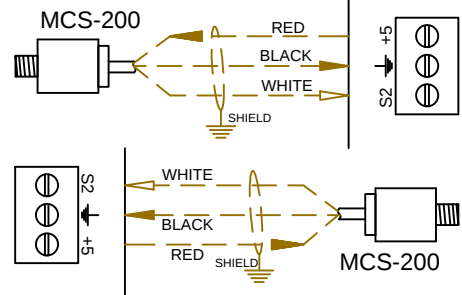
SENSORS

(Page 2)

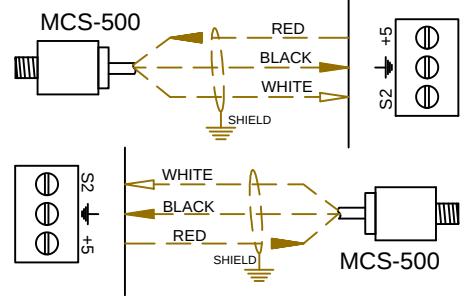
MCS-150



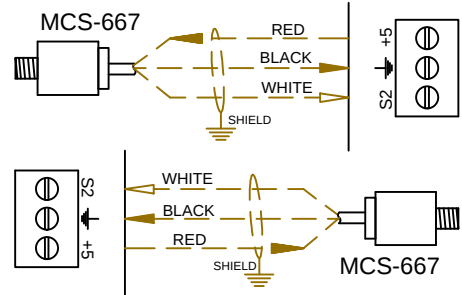
MCS-200



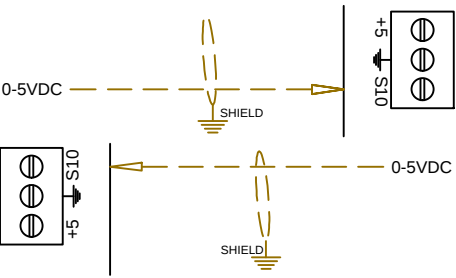
MCS-500



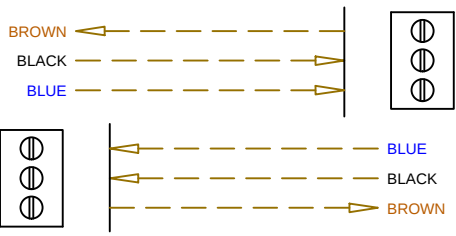
MCS-667



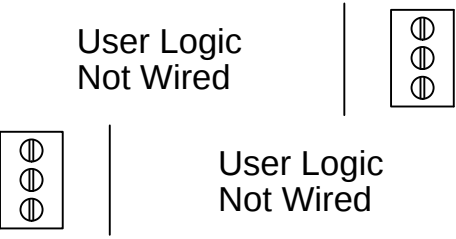
0-5VDC



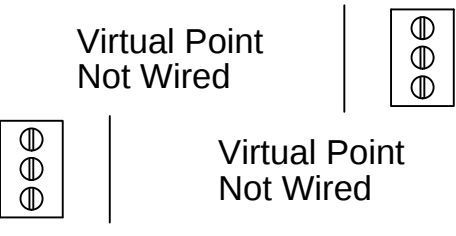
LEVEL SENSOR



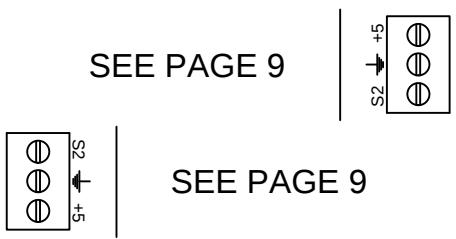
USER LOGIC



VIRTUAL POINT



SEE PAGE NOTE



Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

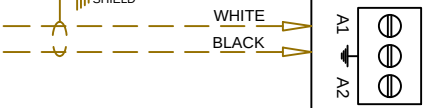
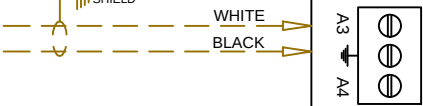
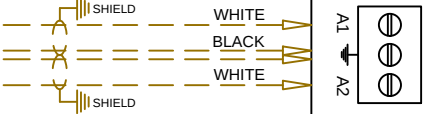
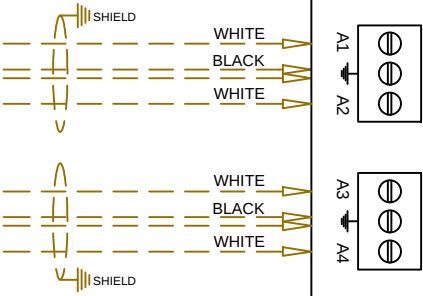
(shield grounded at this end only)

Enter Name

(shield grounded at this end only)

Enter Name

(shield grounded at this end only)



|                                                                                       |                 |        |
|---------------------------------------------------------------------------------------|-----------------|--------|
|  | Job Site Name   |        |
| SO# 000000                                                                            | Customer Name   |        |
| Unit Type                                                                             | Unit Type       |        |
| Drawing #                                                                             | SO# - Drawing # |        |
| Revision                                                                              | 1A              | Date   |
| CAD Tech                                                                              | Name            | Page # |