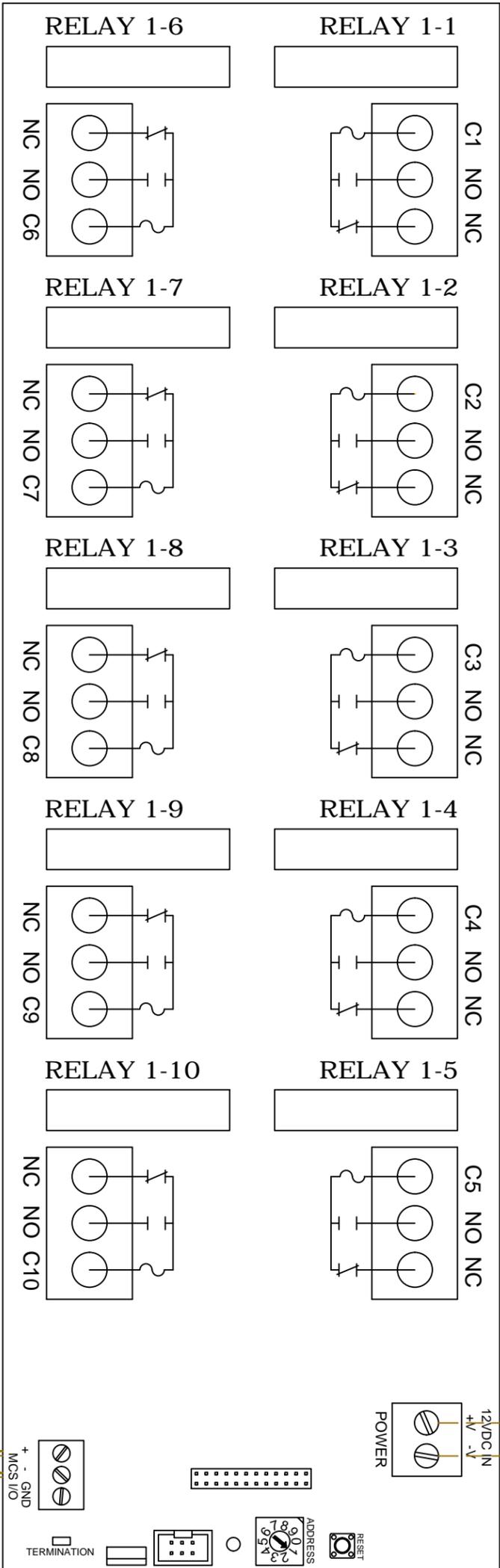


MCS-RO-BASE ADDRESS #5

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17



Communications to Previous 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)

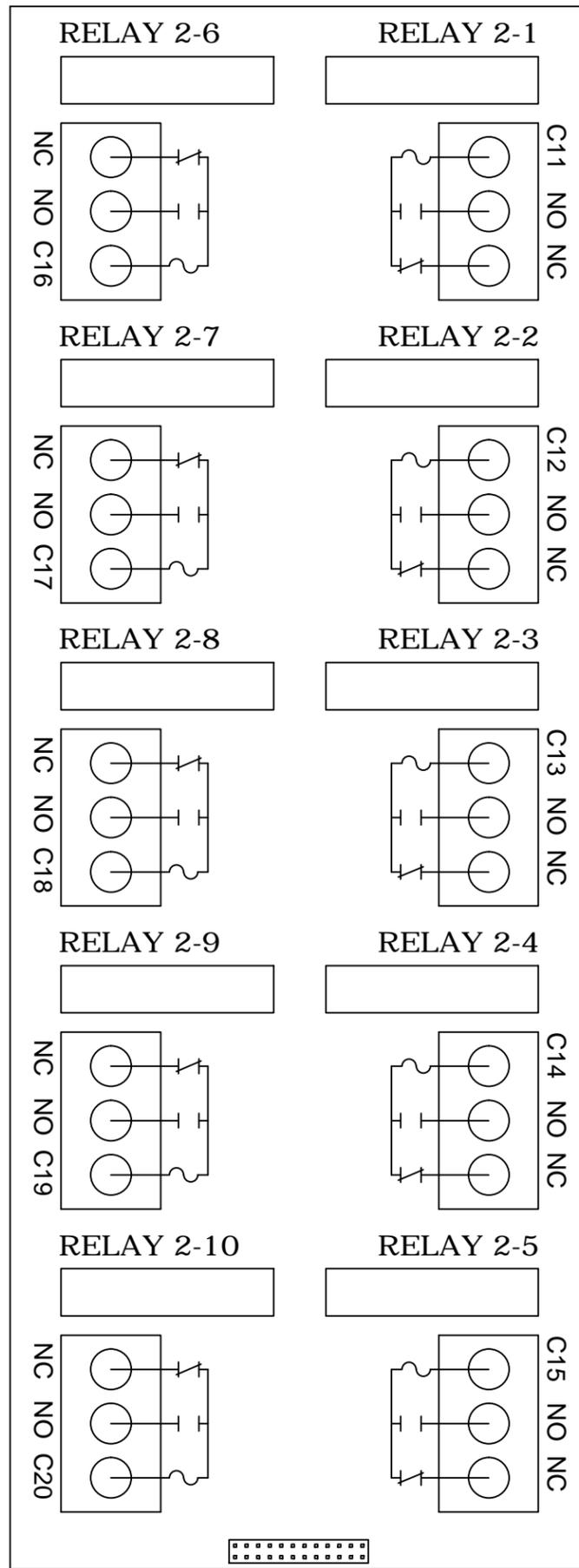
12VDC+
 12VDC-

Factory wired: _____
 Field wired: - - - - -

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

A B C D E F G H I J K

MCS-RO-EXT ADDRESS #6



Factory wired: ———
Field wired: - - - - -

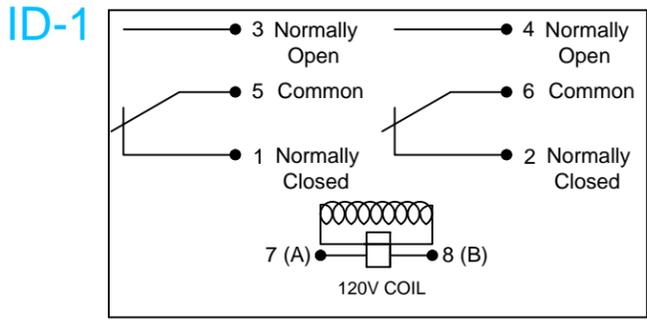
	Job Site Name	
	Customer Name	
SO# 000000	Unit Type	
Unit Type	SO# - Drawing #	
Drawing #	1A	Date
Revision	Name	Page #
CAD Tech		

NOTES

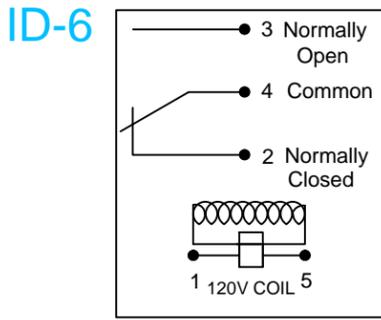
1. Sensors **MUST** use shielded cable and shield must not be broken.
2. All shields for sensors are to be wired to Earth Ground.
3. All sensor inputs are 0 to 5Vdc.
4. If a MCS-RO-BASE, MCS-SI-BASE, OR MCS-IO-BASE has an MCS-RO-EXT, MCS-SI-EXT, OR MCS-IO-EXT installed, the EXT address is the BASE +1.
 Example: MCS-IO-BASE Address = 1
 MCS-IO-EXT Address = 2
5. Amp input sensors are field wired and must be shielded cable. They generate their own voltage and do not require 5Vdc from the MCS boards.
6. Digital input sensors are field wired and must be shielded cable. The 5Vdc is taken from the sensor terminal and wired through the switch. The jumper must then be set to digital.
7. Use copper wire only.
8. External Main Power Disconnect must be provided by others.

LEGEND

ISOLATION RELAY DIAGRAM

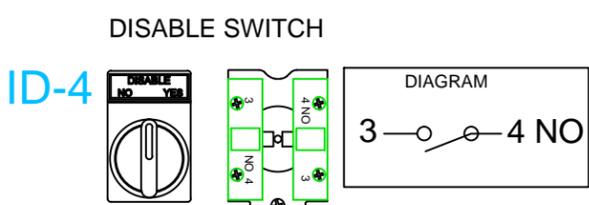
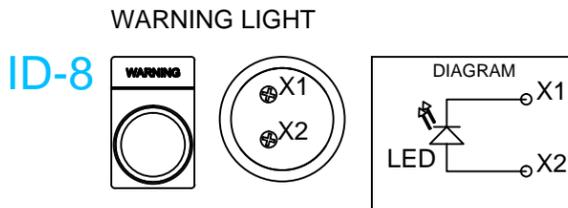
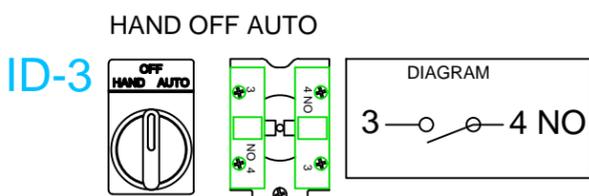
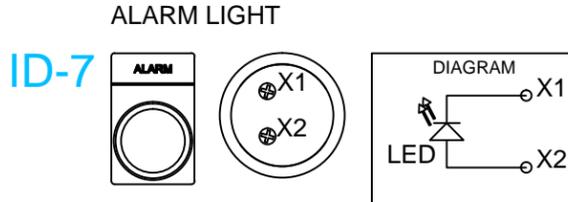
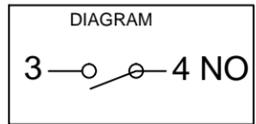
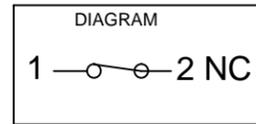
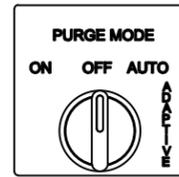


CR3,4,11



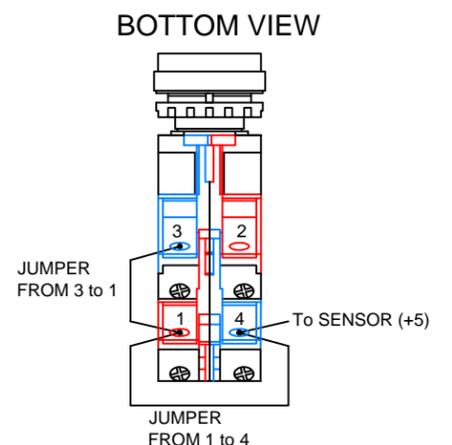
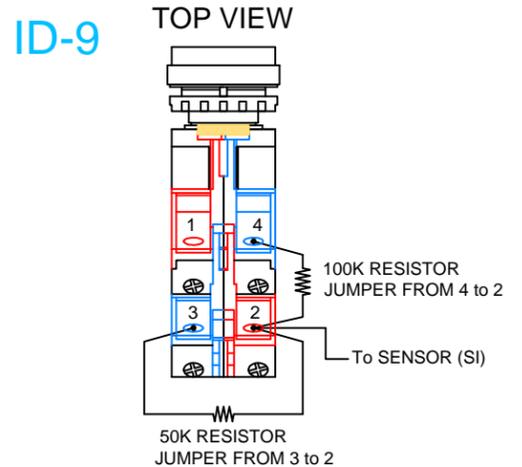
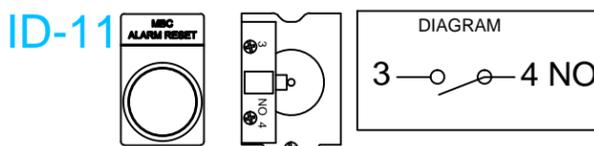
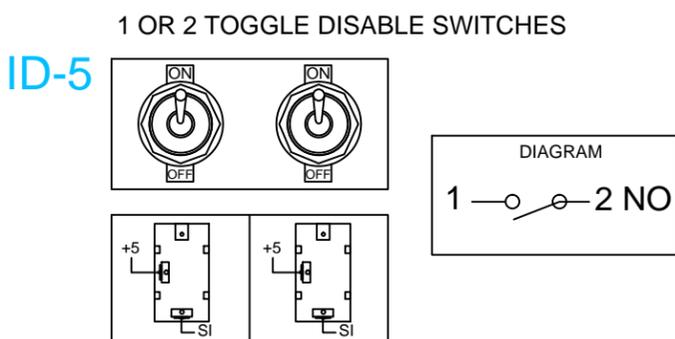
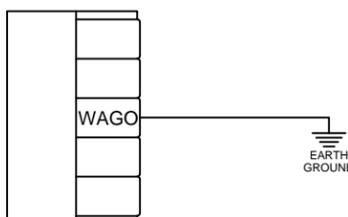
CR1,2,5,6,7,8,9,10,19,20,21

4 POSITION PURGE SWITCH



ID-10

MCS-SHEILD WIRE-GROUNDING
 Maximum capacity of 3 shields
 or 1 insulated wire per clip.
 Center clip reserved for MCS.



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