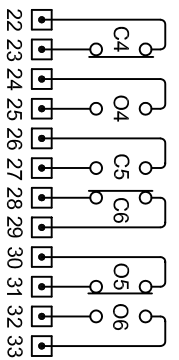
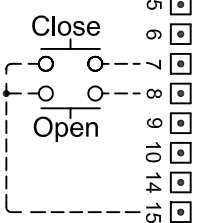
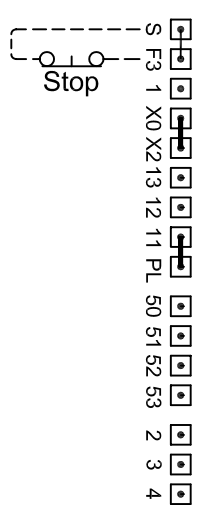
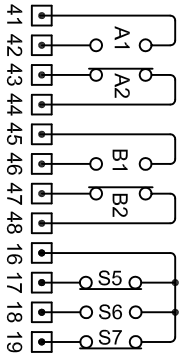


S1	X	O	O
S2	O	O	X
S3	O	X	X
S4	X	X	O
S5	X	O	O
S6	O	O	X
S7	X	X	O

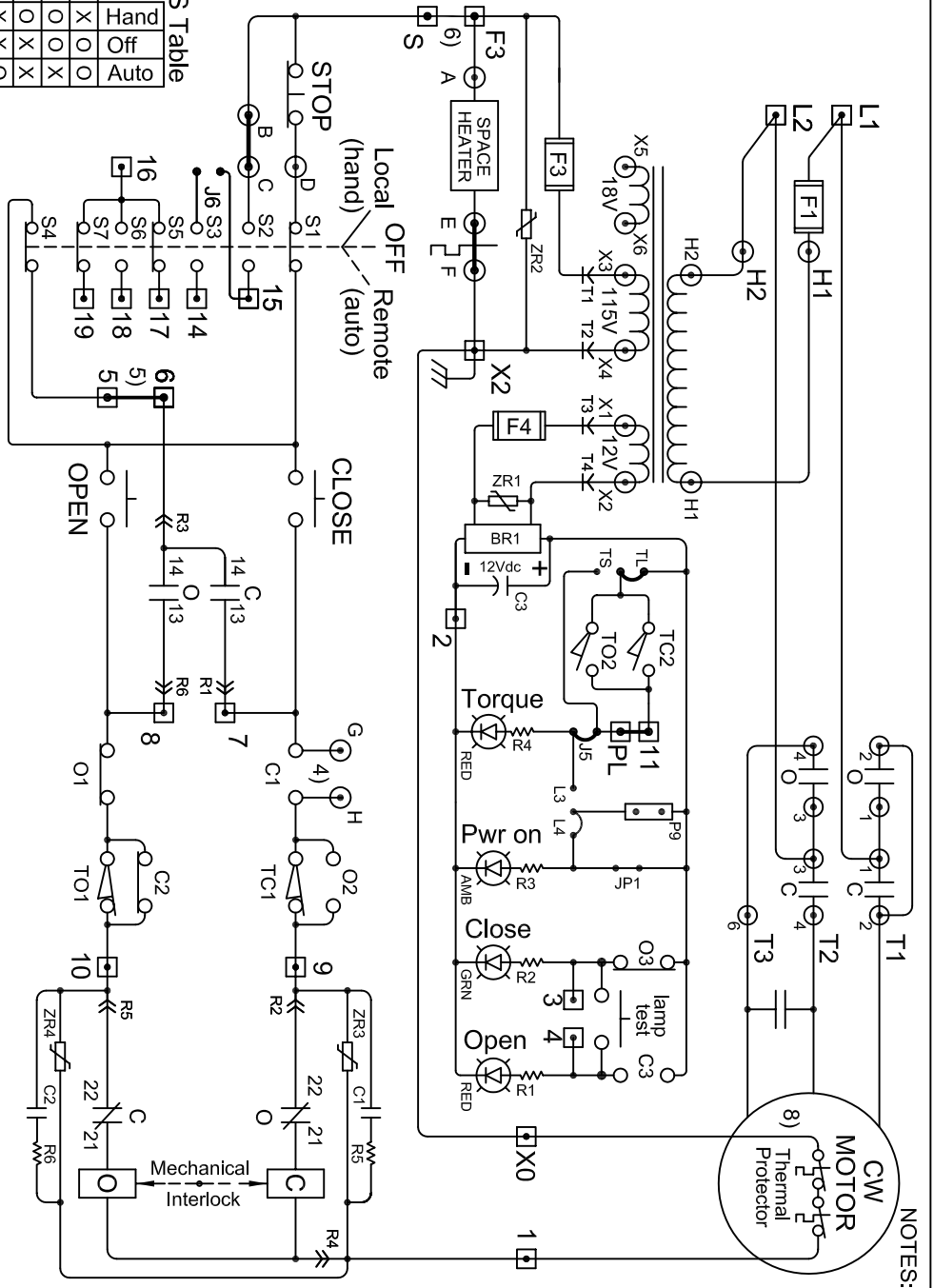
SS Table



Intermediate Contacts



Selector



NOTES: 1)

- Contacts shown: Valve Closed, Voltage: Off, S/S: Hand
- Customer wires to terminals on PWR and TBM modules.
- M2CP Internal terminal interconnect wiring points.

----- Field Connected Wiring by OTHERS.

- 3) Torque switch TC1 & TO1 NC contacts open, and TC2 & TO2 contacts make on field adjustable mechanical overload in (C) Close, or (O) In Open direction.
- 4) For Torque seated valve: Install G to H strap on LSM.
- 5) For maintained PB control: remove 5 to 6 strap on TBM.
- 6) For remote stop PB or relay: remove F3 to S strap on TBM
- 7) O & C (22-21) Reversing contactor NC interlock contacts. O & C (14-13) Momentary pushbutton NO seal-in contacts.
- 8) Motor thermal contacts open with excessive temperature.
- 9) Position Indicator Pilot Lights: LED solid-state
 OPEN Indicates: Full Open (RED)
 CLOSE Indicates: Full Closed (GREEN)
 Mid-Position : Both OPEN and CLOSE illuminated.
 Pwr ON and Torque Indicators are only visible with cover open for convenience during maintenance procedures.

14) Use 90°C minimum rated conductors for customer field wiring to valve actuator.

	Valve Position		Contact Function
	Close	Mid Open	
C1	X	X	Close coil
C2	X	O	Bypass TO1
C3	O	X	Open lamp
C4	X	O	
C5	O	X	
C6	X	O	
O1	X	X	Open coil
O2	O	O	Bypass TC1
O3	X	X	Close lamp
O4	O	O	
O5	X	X	
O6	O	O	
A1	X	O	Spare
A2	O	X	Spare
B1	O	X	Spare
B2	X	O	Spare

LSM	TBM	RCT	MTR	ISM
01	01	02	04	01

Process Management

 ORIGINAL DATE 10-04-2010

 M22CP-301