

3 PHASE SUPPLY POWER
L1
L2
L3

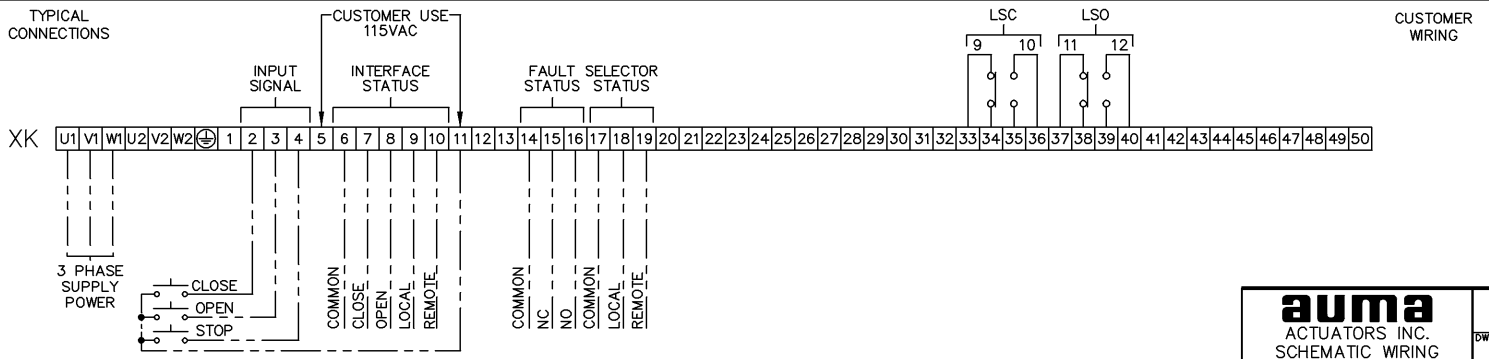
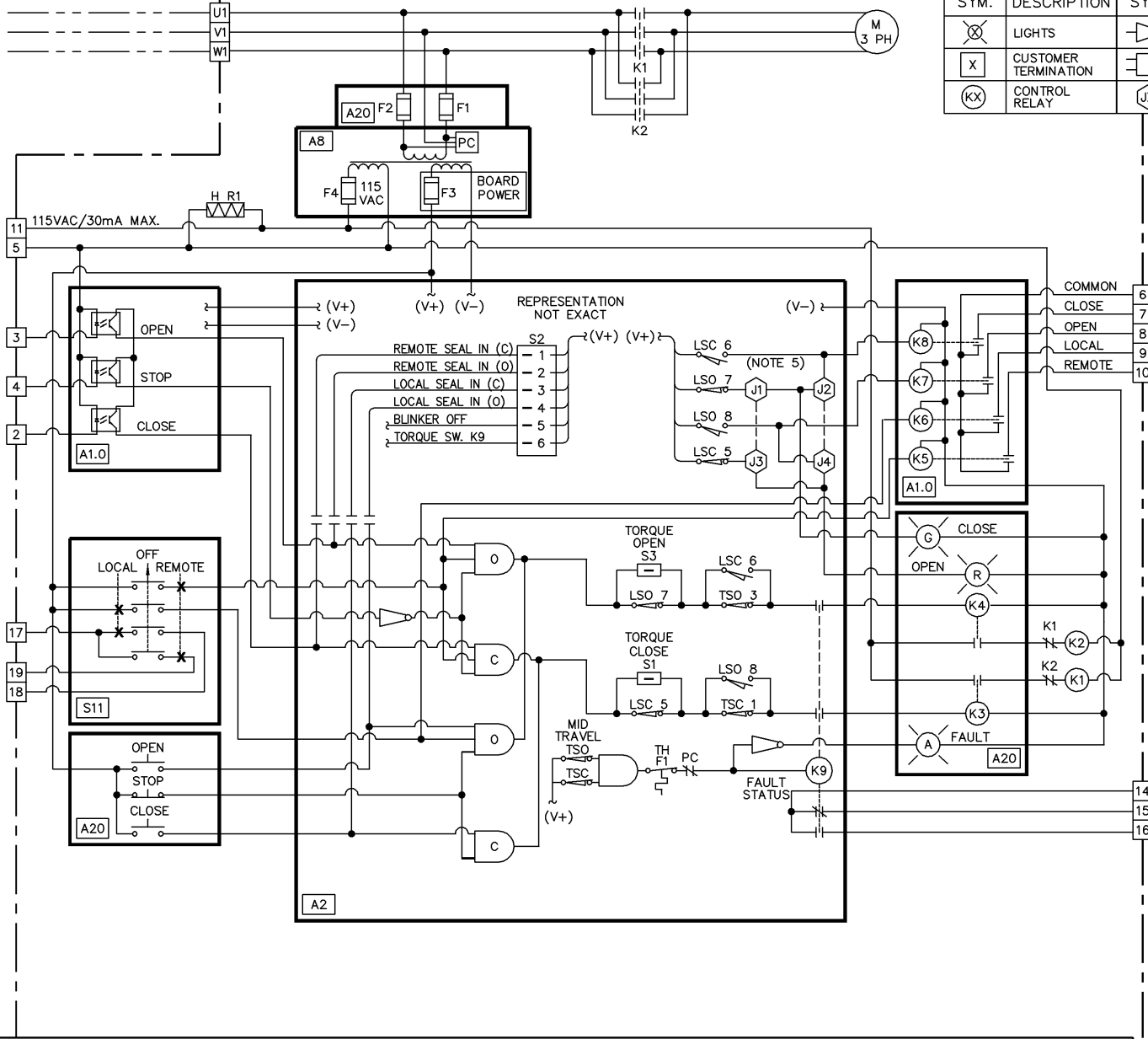
CUSTOMER CONNECTION

CUSTOMER CONNECTION

SYM.	DESCRIPTION	SYM.	DESCRIPTION
⊗	LIGHTS	▽	INVERTER
X	CUSTOMER TERMINATION	⊔	AND GATE
⊗KX	CONTROL RELAY	⊗JX	SOLDER LINKS

LEGEND	
A1.0	INTERFACE BOARD
A2	LOGIC BOARD
A8	POWER SUPPLY
A20	MONITOR/CONTROL BOARD
F1-F2	PRIMARY FUSE
F3-F4	SECONDARY FUSE
H R1	HEATER
K1-K2	REVERSING CONTACTOR
K3-K4	INTERPOSING RELAYS
K5-K8	STATUS RELAY
K9	FAULT STATUS RELAY
LSC (WSR)	LIMIT SWITCH CLOSE
LSO (WOEL)	LIMIT SWITCH OPEN
M	MOTOR
PC	PHASE CORRECTION
S1	SW.-TORQUE SEATING, CLOSE
S2	SW.-SEAL-IN, BLINKER, TORQUE FAULT
S3	SWITCH - TORQUE SEATING, OPEN
S11	SELECTOR SWITCH
TH F1	MOTOR THERMAL SW. (AUTO-RESET)
TSC (DSR)	TORQUE SWITCH CLOSE
TSO (DOEL)	TORQUE SWITCH OPEN
XK	CUSTOMER CONNECTIONS

CONTACT	<div style="display: inline-block; width: 10px; height: 10px; background-color: black; border: 1px solid black;"></div> CLOSE CONTACTS <div style="display: inline-block; width: 10px; border-bottom: 1px dashed black; height: 10px; border: 1px solid black;"></div> OPEN CONTACTS VALVE POSITION INTERMEDIATE CLOSE		
	OPEN	INTERMEDIATE	CLOSE
TSC 1			
TSC 2			
TSO 3			
TSO 4			
LSC 5			
LSC 6			
LSC 7			
LSC 8			
LSC 9			
LSC 10			
LSC 11			
LSO 12			



- NOTES:**
- FIELD WIRING BY OTHERS
 - PAIRED SWITCHES WITHIN BRACKETS MUST HAVE SAME VOLTAGE
 - ACTUATOR DRAWING SHOWS THE UNIT IN THE MID-POSITION
 - FAULT STATUS K9 SHOWN IN FAULT CONDITION.
*FAULT STATUS INCLUDES: (COLLECTIVE)
 ● THERMAL OVERLOAD ● LOSS OF POWER
 ● LOSS OF PHASE ● TORQUE SW. TRIP (MID-TRAVEL)
 - J1-J3 SOLDER LINKS FOR LIGHTS ON IN MID TRAVEL OR J2-J4 SOLDER LINKS FOR LIGHTS ON AT END OF TRAVEL
 - DRAWING SHOWN WITHOUT PHASE CORRECTION.
OPEN-CLOSE WILL BE SWITCHED IF ACTIVATED.

auma
ACTUATORS INC.
SCHEMATIC WIRING

3 PHASE MATIC INTERFACE	04.25.2003	REVISED TERMINALS	MC	PH	11
DWG. No. MSP 1 A 10 KC 5 -- F 2 J E 1	WIRING DWG	DESCRIPTION	BY/DATE	APP/DATE	REV
KMS--TP100-201			-S		