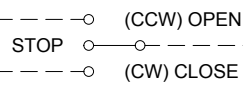
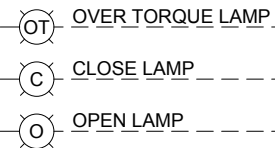


	CLOSE	OPEN
CLS 1-2		
CLS 1-3		
OLS 1-2		
OLS 1-3		
ACLS 1-2		
ACLS 1-3		
AOLS 1-2		
AOLS 1-3		
CTS 1-3	CLOSING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE	
OTS 1-3	OPENING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE	

CLS: CLOSE LIMIT SWITCH (250VAC, 6A MAX)
 OLS: OPEN LIMIT SWITCH (250VAC, 6A MAX)
 CTS: CLOSE TORQUE SWITCH (250VAC, 6A MAX)
 OTS: OPEN TORQUE SWITCH (250VAC, 6A MAX)
 ACLS: AUX. CLOSE LIMIT SWITCH (250VAC, 6A MAX)
 AOLS: AUX. OPEN LIMIT SWITCH (250VAC, 6A MAX)
 TP: THERMAL PROTECTOR (250VAC, 6A MAX)

(L2) NEUTRAL



(L1) LINE (120vac)

AUX. CONTACT

DENOTES CUSTOMER SUPPLIED ITEM
 ACTUATOR SHOWN IN MID POSITION.

FORUM ENERGY TECHNOLOGIES Valve Solutions ABZ Valves & Controls

Title: **Wiring Diagram**

Parts: ABZ 015 thru ABZ 019 Electric Actuator
120 VAC Single Phase
Auxillary Limit Switches (ON / OFF)
Low Temperature

DWG No.	Date	Drawn	Checked	Approved	Revision
WS1519-A1H-A1-X	01-31-13	BC	TP	TH	0