



	CLOSE	OPEN
CLS 1-2		
CLS 1-3		
OLS 1-2		
OLS 1-3		
ACLS 1-3		
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, 15A MAX)
- OLS: OPEN LIMIT SWITCH (250VAC, 15A MAX)
- CTS: CLOSE TORQUE SWITCH (250VAC, 15A MAX)
- OTS: OPEN TORQUE SWITCH (250VAC, 15A MAX)
- ACLS: AUX. CLOSE LIMIT SWITCH (250VAC, 15A MAX)
- AOLS: AUX. OPEN LIMIT SWITCH (250VAC, 15A MAX)
- CC: CLOSE MAGNETIC COIL
- OC: OPEN MAGNETIC COIL
- TP: THERMAL PROTECTOR

DENOTES CUSTOMER SUPPLIED ITEM -----

FORUM ENERGY TECHNOLOGIES Valve Solutions
ABZ Valves & Controls

Title: **Wiring Diagram**

Parts:
 ABZ 015 thru ABZ 250 Electric Actuator
 440 VAC Three Phase
 (ON / OFF)
 Auxiliary Limit Switches

DWG No.	Date	Drawn	Checked	Approved	Revision
WSB000-F1A-A1-X	10-26-12	BC	TP	TH	0