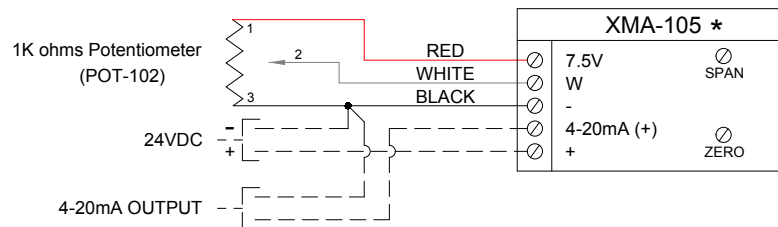


	CLOSE	OPEN
CLS 1-2		
CLS 1-3		
OLS 1-2		
OLS 1-3		
CTS 1-3	CLOSING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE	
OTS 1-3	OPENING TORQUE SWITCH INTERRUPTS CONTROLS IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE	

CLS: CLOSE LIMIT SWITCH (250VAC, 6A MAX)
 OLS: OPEN LIMIT SWITCH (250VAC, 6A MAX)
 CTS: CLOSING TORQUE SWITCH (250VAC, 6A MAX)
 OTS: OPENING TORQUE SWITCH (250VAC, 6A MAX)
 TP: THERMAL PROTECTOR (250VAC, 6A MAX)



DENOTES CUSTOMER SUPPLIED ITEM -----

ACTUATOR SHOWN IN MID POSITION.

* MAX LOAD RESISTANCE ON XMA-105 IS 300 OHMS

FORUM Valve Solutions
 ENERGY TECHNOLOGIES ABZ Valves & Controls

Title: **Wiring Diagram**

Parts:
 ABZ 015 thru ABZ 250 Electric Actuator
 220 VAC Single Phase
 (ON / OFF)
 XMA-105 Feedback Transmitter

DWG No.	Date	Drawn	Checked	Approved	Revision
WSB000-B1A-C-X	10-22-12	BC	TP	TH	0