



	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: CLOSE TORQUE SWITCH (250VAC, 6A MAX)
 OTS: OPEN TORQUE SWITCH (250VAC, 6A MAX)

--- DENOTES CUSTOMER SUPPLIED ITEM
 X BUTT CONNECTOR
 □ CAP
 ACTUATOR SHOWN IN MID POSITION.

FORUM Valve Solutions
 ENERGY TECHNOLOGIES ABZ Valves & Controls

Title: **Wiring Diagram**

Parts:
 ABZ 015 thru ABZ 250 Electric Actuator
 120 VAC Single Phase (Modulating Service)
 DHC-100 Digital High Resolution Controller
 OTR-100 Feedback Transmitter / Relay Output
 LOCAL CONTROL UNIT
 AMM-100 Auto/Manual Module
 LY2F RELAY

DWG No.	Date	Drawn	Checked	Approved	Revision
WSB000-A2A-J-BHJ-X	04-09-14	Tp	Tp	TH	1