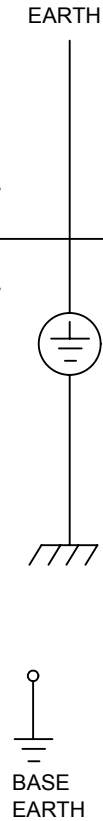


TORQUE AND LIMIT SWITCHES OPERATION			
SWITCH	CLOSE	INTERMEDIATE	OPEN
CLS 1-2	█	█	█
CLS 1-3	█	█	█
OLS 1-2	█	█	█
OLS 1-3	█	█	█
ACLS 1-2	█	█	█
ACLS 1-3	█	█	█
AOLS 1-2	█	█	█
AOLS 1-3	█	█	█
CTS 1-3	* CLOSING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE		
OTS 1-3	* OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE		

CLS: CLOSE LIMIT SWITCH (250VAC 10A)  
 OLS: OPEN LIMIT SWITCH (250VAC 10A)  
 CTS: CLOSE TORQUE SWITCH (250VAC 10A)  
 OTS: OPEN TORQUE SWITCH (250VAC 10A)  
 ACLS: AUX. CLOSE LIMIT SWITCH (250VAC 10A)  
 AOLS: AUX OPEN LIMIT SWITCH (250VAC 10A)  
 TP: THERMAL PROTECTOR (250VAC 10A)

\* EACH ACTUATOR SHOULD BE POWERED THROUGH ITS OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS.

PROPOSED CUSTOMER'S WIRING  
 WIRING IN ACTUATOR



CHG.	DESCRIPTION	CHG. BY	DATE
A	FLOWLINE ORIGINAL	DAP	11/17/16

ARTICLES MANUFACTURED IN ACCORDANCE WITH THESE DRAWINGS SHALL BE CONSIDERED FLVC'S DESIGN. MANUFACTURER AGREES NOT TO MANUFACTURE FOR THE USE OR SALE BY ANY PERSON OR CONCERN OR FOR MANUFACTURER'S USE OR SALE IF IDENTICAL ARTICLES OR PARTS THEREOF WITH OUT FLVC'S WRITTEN PERMISSION.

DRAWN BY: DAP  
 APPROVED BY: DAB  
 DATE: 11/17/16

UNLESS OTHERWISE SPECIFIED

# FlowLine

VALVE AND CONTROLS  
 110 MAIN PROJECT ROAD  
 SCHRIEVER, LA 70395  
 www.flowlinevalves.com

DESCRIPTION
Series 30; Size 50 110VAC, 1 Phase
MATERIAL REFERENCE
Wiring Diagram
DRAWING NO.
30-50-A-WD