



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.	

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

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UNLESS OTHERWISE SPECIFIED		
DRAWN BY:	APPROVED BY:	DATE:
DAP	DAB	11/17/16


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

DESCRIPTION	Series 30; Size 80 110VAC, 1 Phase
MATERIAL REFERENCE	Wiring Diagram
DRAWING NO.	30-80-A-WD