

Project Name:	Project 1: Digital Control Logic	
Notes 1:	...	
Notes 2:	...	

Outputs (O0)				
O:0	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
O:0.0	PUMP RAW OUTPUT	.0	.0	.0
O:0.1	RUNNING INDICATOR	.1		.1
O:0.2	OUTPUT RAW	.2		.2
O:0.3		.3		.3
O:0.4		.4		.4
O:0.5		.5		.5
O:0.6		.6		.6
O:0.7		.7		.7
O:0.8		.8		.8
O:0.9		.9		.9
O:0.10		.10		.10
O:0.11		.11		.11
O:0.12		.12		.12
O:0.13		.13		.13
O:0.14		.14		.14
O:0.15		.15		.15

Inputs (I1)				
I:0	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
I:0.0	LOW PRESSURE SWITCH	.0	.0	.0
I:0.1	RAW INPUT	.1		.1
I:0.2	HIGH PRESSURE SWITCH	.2		.2
I:0.3	RAW INPUT	.3		.3
I:0.4	RESET PUSH BUTTON	.4		.4
I:0.5	RAW INPUT	.5		.5
I:0.6		.6		.6
I:0.7		.7		.7
I:0.8		.8		.8
I:0.9		.9		.9
I:0.10		.10		.10
I:0.11		.11		.11
I:0.12		.12		.12
I:0.13		.13		.13
I:0.14		.14		.14

Category	Percentage
1:0.15	.15
1:0.15	.15
1:0.15	.15

Binarys B3

B3:0	Symbol/Desc.	B3:1	Symbol/Desc.	B3:2	Symbol/Desc.	B3:3	Symbol/Desc.
B3:0/0	PLACEHOLDER BIT	B3:1/0	LOW PRESSURE SWITCH INPUT-BIT	B3:2/0	PUMP OUTPUT-BIT	B3:3/0	RESET ONS
B3:0/1	PUMP START TRIGGER	B3:1/1	HIGH PRESSURE SWITCH INPUT-BIT	B3:2/1	RUNNING INDICATOR LAMP OUTPUT-BIT	B3:3/1	E-STOP ONS
B3:0/2	PUMP STOP INTERRUPT	B3:1/2	RESET PUSH BUTTON INPUT-BIT	B3:2/2		B3:3/2	Pump Start ONS
B3:0/3		B3:1/3	E-STOP PUSH BUTTON INPUT-BIT	B3:2/3		B3:3/3	High Pressure Stop ONS
B3:0/4		B3:1/4		B3:2/4		B3:3/4	
B3:0/5		B3:1/5		B3:2/5		B3:3/5	
B3:0/6		B3:1/6		B3:2/6		B3:3/6	
B3:0/7		B3:1/7		B3:2/7		B3:3/7	
B3:0/8		B3:1/8		B3:2/8		B3:3/8	
B3:0/9		B3:1/9		B3:2/9		B3:3/9	
B3:0/10		B3:1/10		B3:2/10		B3:3/10	
B3:0/11		B3:1/11		B3:2/11		B3:3/11	
B3:0/12		B3:1/12		B3:2/12		B3:3/12	
B3:0/13		B3:1/13		B3:2/13		B3:3/13	
B3:0/14		B3:1/14		B3:2/14		B3:3/14	
B3:0/15		B3:1/15		B3:2/15		B3:3/15	

Timers (T4)

T4:0	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
T4:0/EN	/EN	/EN	/EN	/EN
T4:0/TT	/TT	/TT	/TT	/TT
T4:0/DN	/DN	/DN	/DN	/DN
T4:0/BASE	/BASE	/BASE	/BASE	/BASE
T4:0/PRE	/PRE	/PRE	/PRE	/PRE
T4:0/ACC	/ACC	/ACC	/ACC	/ACC

Counters (C5)

C5:0	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
C5:0/CU		/CU			/CU
C5:0/CD		/CD			/CD
C5:0/DN		/DN			/DN
C5:0/OV		/OV			/OV
C5:0/UN		/UN			/UN
C5:0/UA		/UA			/UA

Control (R6)

R6:0	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
R6:0/EN	/EN	/EN	/EN	/EN	/EN
R6:0/EU	/EU	/EU	/EU	/EU	/EU
R6:0/DN	/DN	/DN	/DN	/DN	/DN
R6:0/EM	/EM	/EM	/EM	/EM	/EM
R6:0/ER	/ER	/ER	/ER	/ER	/ER
R6:0/UL	/UL	/UL	/UL	/UL	/UL
R6:0/IN	/IN	/IN	/IN	/IN	/IN
R6:0/FD	/FD	/FD	/FD	/FD	/FD
R6:0/LEN	/LEN	/LEN	/LEN	/LEN	/LEN
R6:0/POS	/POS	/POS	/POS	/POS	/POS
Integers (N7)					
N7	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.	Symbol/Desc.
N7/0	PLACEHOLDER INTEGER MACH State: 0 = OK 1 = ESTOP	/0	/0	/0	/0
N7/1		/1	/1	/1	/1
N7/2		/2	/2	/2	/2
N7/3		/3	/3	/3	/3
N7/4		/4	/4	/4	/4
N7/5		/5	/5	/5	/5
N7/6		/6	/6	/6	/6
N7/7		/7	/7	/7	/7
N7/8		/8	/8	/8	/8
N7/9		/9	/9	/9	/9
N7/10		/10	/10	/10	/10
N7/11		/11	/11	/11	/11
N7/12		/12	/12	/12	/12
N7/13		/13	/13	/13	/13
N7/14		/14	/14	/14	/14
N7/15		/15	/15	/15	/15