
Program information

Author : Author

Project name : Title

Version : 0.0

Module : SR2D101BD

Cycle time in the module : 5 x 2 ms

WATCHDOG action : Inactive

Type of Hardware Input Filtering : Slow (3ms)



Zx keys inactive

Date format : dd/mm/yyyy





Program diagram

No	Contact 1	Contact 2	Contact 3	Contact 4	Contact 5	Coil	Comment
001	START	STOP				() RUN ENABLE	STOP BUTTON IS WIRED TO A N.C. CONTACT FOR "FAILSAFE".
002	M1						SEAL-IN FOR SYSTEM START.
003	M1	t1				TT1 () COUNTER ADD	THIS SELF-RESETTING TIMER RUNG INCREASES THE "STANDBY" POSITION COUNTER. (IN PARAMETER CHANGE "S" TO "H" FOR "HOURS")
004	T1	c1				CC1 () STANDBY COUNT	THIS IS THE "STANDBY" POSITION COUNTER
005	C1					RC1 () STANDBY COUNT	THIS RESETS THE "STANDBY" POSITION COUNTER
006	v1	M1				[Q1 () PUMP1	THIS RUNS OR STOPS PUMP1
007	MTR1					[Q2 () PUMP2	THIS RUNS OR STOPS PUMP2
008	MTR2					[Q3 () PUMP3	THIS RUNS OR STOPS PUMP3
009	MTR3					[Q4 () PUMP4	THIS RUNS OR STOPS PUMP4
	MTR4						








Physical inputs

No	Symbol	Function	Lock	Parameters	Location of (L/C)	Comment
I1		Discrete inputs	---	No parameters	(1/1)	START
I2		Discrete inputs	---	No parameters	(1/2)	STOP

Physical outputs

No	Symbol	Function	Latching	Location of (L/C)	Comment
Q1		Discrete outputs	No	(6/6)	PUMP1
Q2		Discrete outputs	No	(7/6)	PUMP2
Q3		Discrete outputs	No	(8/6)	PUMP3
Q4		Discrete outputs	No	(9/6)	PUMP4

Configurable functions

No	Symbol	Function	Lock	Latching	Parameters	Location of (L/C)	Comment
C1		Counters	No	No	Value to attain: 4 Pulses Output ON when the preset value is reached	(4/2) (4/6) (5/1) (5/6)	STANDBY COUNT
M1		Auxiliary relays	---	No	No parameters	(1/6) (2/1) (3/1) (6/2) (7/2) (8/2) (9/2)	RUN ENABLE
T1		Timers	No	No	See details below	(3/2) (3/6) (4/1)	COUNTER ADD
V1		Counter comparators	No	---	$C1 + 0 = 3$	(6/1)	MTR1
V2		Counter comparators	No	---	$C1 + 0 = 2$	(7/1)	MTR2
V3		Counter comparators	No	---	$C1 + 0 = 1$	(8/1)	MTR3
V4		Counter comparators	No	---	$C1 + 0 = 0$	(9/1)	MTR4

Timer

