

Adam Brigmann  
PROJECT1DIGITALCONTROLLOGIC.RSSTA02:43PMLLO03/10/24A02:43PMLLO03/10/24  
02:35PM @ 03/10/24

Table Of Contents

Report Section	Page
Processor Info	3
I/O Config	4
Channel Config	5
Program File List	6
Data File List	7
Ladder Table of Contents	8
Data Files	18
Program Files	9

Processor Information

---

Processor Type: Bul.1763      MicroLogix 1100 Series B

Processor Name: PROJ1

Total Memory Used: 205 Instruction Words Used - 149 Data Table Words Used

Total Memory Left: 6451 Instruction Words Left

Program Files: 10

Data Files: 9

Program ID: b8aa

## I/O Configuration

0	Bul.1763	MicroLogix 1100 Series B
1	1762-IQ8	8-Input 10/30 VDC
2		
3		
4		

## Channel Configuration

## CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex

CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Edit Resource/Owner Timeout: 60  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Passthru Link ID: 1  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Write Protected: No  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Comms Servicing Selection: Yes  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Message Servicing Selection: Yes  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 1st AWA Append Character: \d  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 2nd AWA Append Character: \a

Source ID: 1 (decimal)  
Baud: 19200  
Parity: NONE  
Control Line : No Handshaking  
Error Detection: CRC  
Embedded Responses: Auto Detect  
Duplicate Packet Detect: Yes  
ACK Timeout(x20 ms): 50  
NAK Retries: 3  
ENQ Retries: 3

## CHANNEL 1 (SYSTEM) - Driver: Ethernet

CHANNEL 1 (SYSTEM) - Driver: Ethernet Edit Resource/Owner Timeout: 60  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Passthru Link ID: 1  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Write Protected: No  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Comms Servicing Selection: Yes  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Message Servicing Selection: Yes

Hardware Address: 00:00:00:00:00:00  
IP Address: 0.0.0.0  
Subnet Mask: 0.0.0.0  
Gateway Address: 0.0.0.0  
Msg Connection Timeout (x 1mS): 15000  
Msg Reply Timeout (x mS): 3000  
Inactivity Timeout (x Min): 30  
Bootp Enable: Yes  
Dhcp Enable No  
SNMP Enable: No  
HTTP Enable: Yes  
Auto Negotiate Enable: Yes  
Port Speed Enable: 10/100 Mbps Full Duplex/Half Duplex  
Contact:  
Location:

Program File List

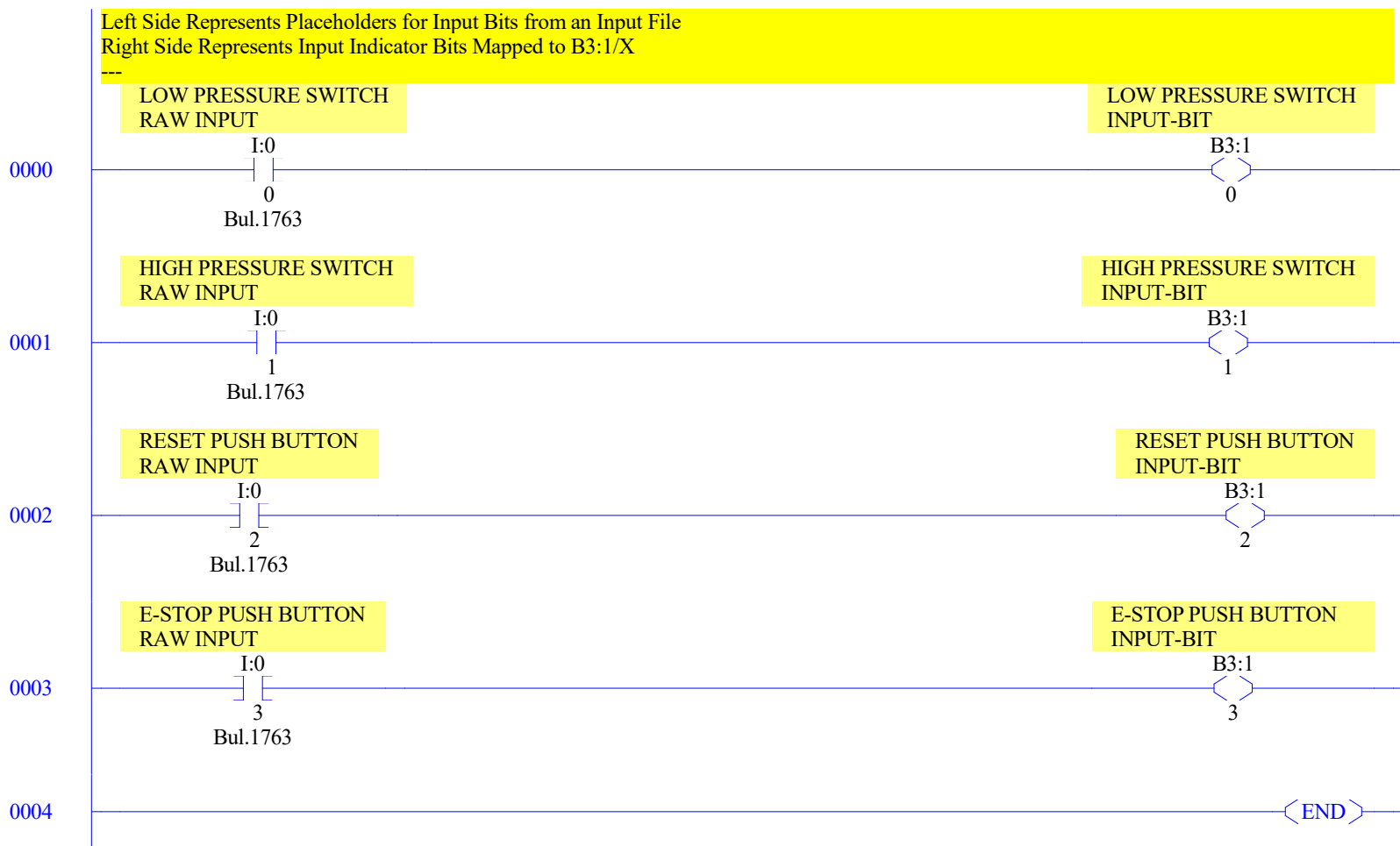
Name	Number	Type	Rungs	Debug	Bytes
[SYSTEM]	0	SYS	0	No	0
	1	SYS	0	No	0
MAIN	2	LADDER	8	No	66
DGTL INPT	3	LADDER	5	No	67
DGTL OUTPT	4	LADDER	3	No	35
ANLG INPT	5	LADDER	1	No	3
ANLG OUTPT	6	LADDER	1	No	3
DGTL ALRMS	7	LADDER	1	No	3
ANLG ALRMS	8	LADDER	1	No	3
CONTROLS	10	LADDER	7	No	211

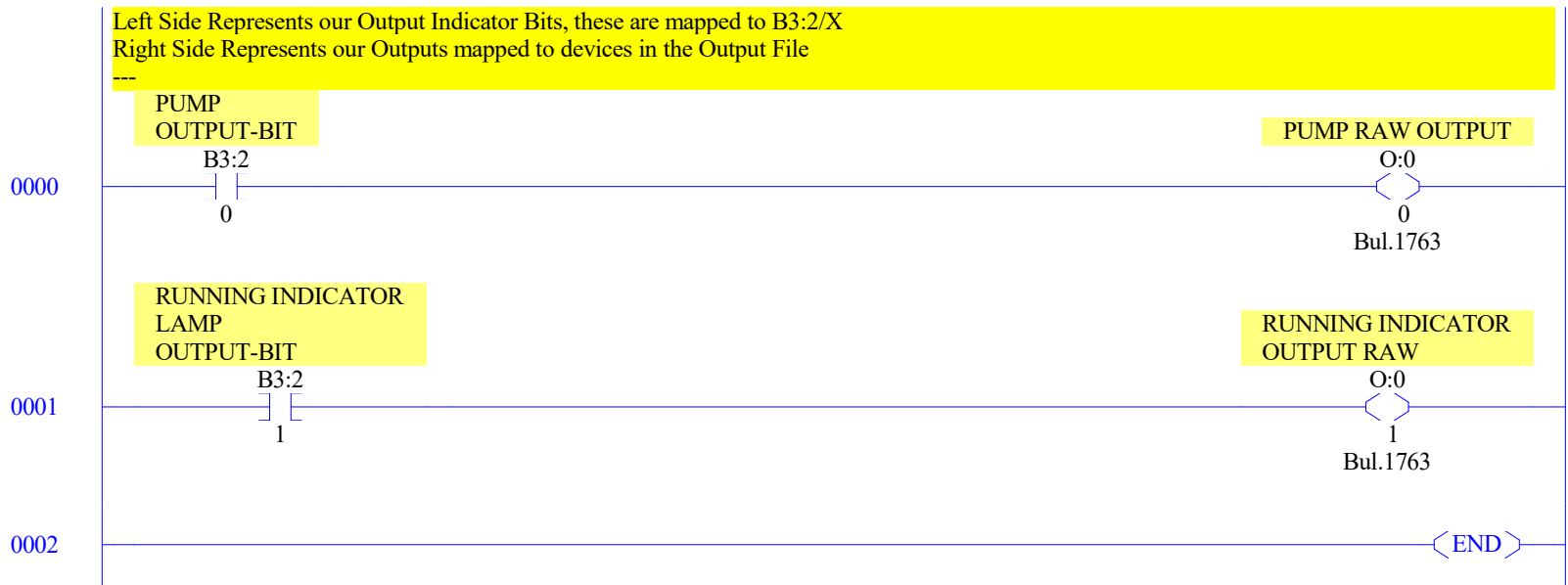
PROJECT1DIGITALCONTROLLOGIC.RSS							
Data File List							
Name	Number	Type	Scope	Debug	Words	Elements	Last
OUTPUT	0	O	Global	No	12	4	O:3
INPUT	1	I	Global	No	21	7	I:6
STATUS	2	S	Global	No	0	66	S:65
BINARY	3	B	Global	No	4	4	B3:3
TIMER	4	T	Global	No	3	1	T4:0
COUNTER	5	C	Global	No	3	1	C5:0
CONTROL	6	R	Global	No	3	1	R6:0
INTEGER	7	N	Global	No	101	101	N7:100
FLOAT	8	F	Global	No	2	1	F8:0

File	Rung	Page Title	Page
------	------	------------	------









LAD 5 - ANLG INPT - Analog Inputs --- Total Rungs in File = 1

0000

⟨END⟩

LAD 6 - ANLG OUTPT - Analog Outputs --- Total Rungs in File = 1

0000

⟨END⟩

LAD 7 - DCTL ALRMS - Digital Alarms --- Total Rungs in File = 1

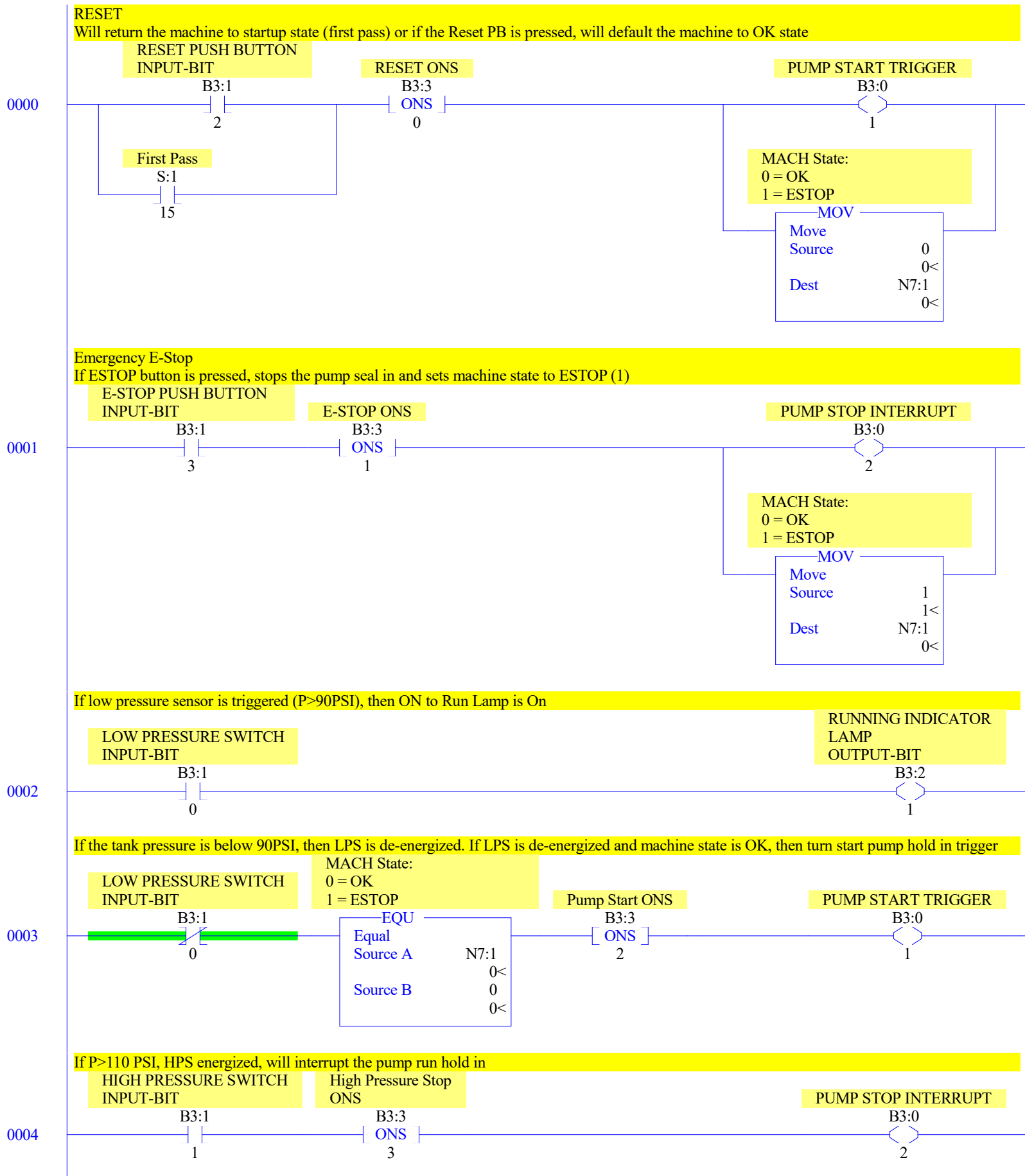
0000

⟨END⟩

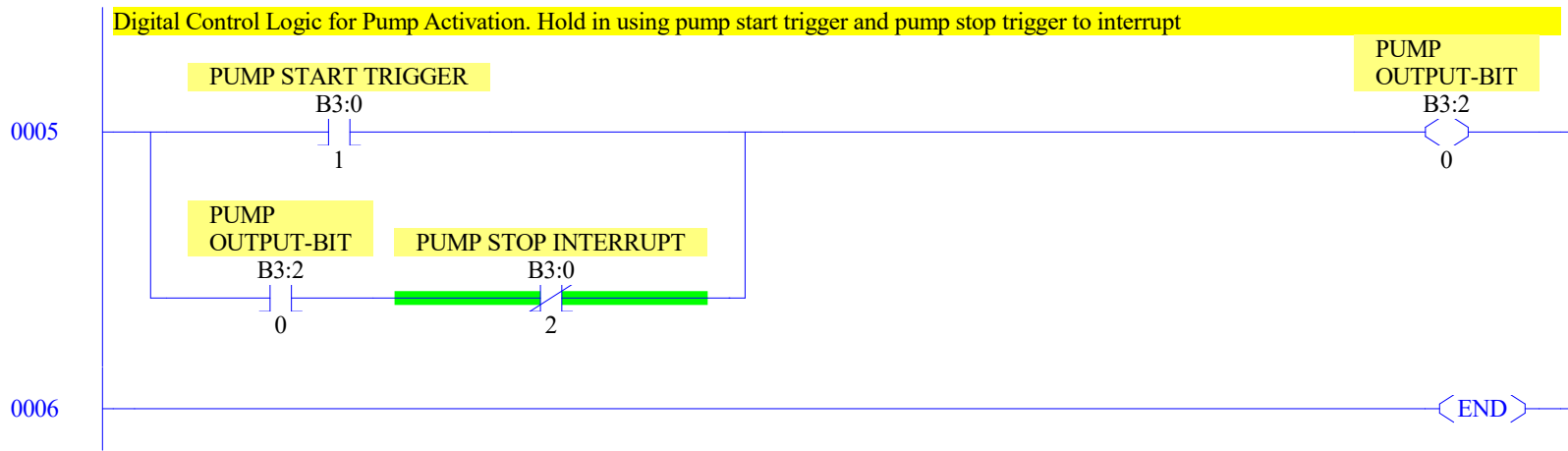
LAD 8 - ANLG ALRMS - Analog Alarms --- Total Rungs in File = 1

0000

⟨END⟩







Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0				
O:0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B
O:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B
O:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B
O:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0					
I:0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B	
I:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B	
I:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B	
I:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B	
I:0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B-Analog	
I:0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix	1100	Series B-Analog	
I:1.0									0	0	0	0	0	0	0	0	1762-IQ8	- 8-Input	10/30 VDC		

**Main**

Processor Mode S:1/0 - S:1/4 = Remote Program Mode  
On Power up Go To Run (Mode Behavior) S:1/12 = 0  
First Pass S:1/15 = No  
Free Running Clock S:4 = 0000-0000-0000-0000

**Proc**

OS Catalog Number S:57 = 1100                      User Program Type S:63 = 8001h  
OS Series S:58 = B                                  Compiler Revision Number S:64 =  
OS FRS S:59 =  
Processor Catalog Number S:60 =  
Processor Series S:61 = A  
Processor FRN S:62 =

**Scan Times**

Maximum (x10 ms) S:22 = 0  
Watchdog (x10 ms) S:3 (high byte) = 10  
Last 100 uSec Scan Time S:35 = 0  
Scan Toggle Bit S:33/9 = 0

**Math**

Math Overflow Selected S:2/14 = 0                      Math Register (lo word) S:13 = 0  
Overflow Trap S:5/0 = 0                              Math Register (high word) S:14-S:13 = 0  
Carry S:0/0 = 0                                      Math Register (32 Bit) S:14-S:13 = 0  
Overflow S:0/1 = 0  
Zero Bit S:0/2 = 0  
Sign Bit S:0/3 = 0

**Chan 0**

Processor Mode S:1/0- S:1/4 = Remote Program Mode  
Node Address S:15 (low byte) = 0                      Outgoing Msg Cmd Pending S:33/2 = 0  
Baud Rate S:15 (high byte) = ?  
Channel Mode S:33/3 = 0  
Comms Active S:33/4 = 0  
Incoming Cmd Pending S:33/0 = 0  
Msg Reply Pending S:33/1 = 0

**Debug**

Suspend Code S:7 = 0  
Suspend File S:8 = 0

**Errors**

Fault Override At Power Up S:1/8 = 0                      Fault Routine S:29 = 0  
Startup Protection Fault S:1/9 = 0                      Major Error S:6 = 0h  
Major Error Halt S:1/13 = 0  
Overflow Trap S:5/0 = 0                              Error Description:  
Control Register Error S:5/2 = 0  
Major Error Executing User Fault Rtn. S:5/3 = 0  
Battery Low S:5/11 = 0  
Input Filter Selection Modified S:5/13 = 0  
ASCII String Manipulation error S:5/15 = 0

**Protection**

Deny Future Access S:1/14 = No  
Data File Overwrite Protection Lost S:36/10 = False

**Mem Module**

Memory Module Loaded On Boot S:5/8 = 0  
Password Mismatch S:5/9 = 0  
Load Memory Module On Memory Error S:1/10 = 0  
Load Memory Module Always S:1/11 = 0  
On Power up Go To Run (Mode Behavior) S:1/12 = 0  
Program Compare S:2/9 = 0  
Data File Overwrite Protection Lost S:36/10 = 0

**Protection**

Deny Future Access S:1/14 = No  
Data File Overwrite Protection Lost S:36/10 = False

**Mem Module**

Memory Module Loaded On Boot S:5/8 = 0  
Password Mismatch S:5/9 = 0  
Load Memory Module On Memory Error S:1/10 = 0  
Load Memory Module Always S:1/11 = 0  
On Power up Go To Run (Mode Behavior) S:1/12 = 0  
Program Compare S:2/9 = 0  
Data File Overwrite Protection Lost S:36/10 = 0

**Forces**

Forces Enabled S:1/5 = Yes  
Forces Installed S:1/6 = No

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B3:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol)	Description
T4:0	0	0	0	.01 sec	0	0		

Offset	CU	CD	DN	OV	UN	UA	PRE	ACC	(Symbol)	Description
C5:0	0	0	0	0	0	0	0	0	test	counter



Offset	EN	EU	DN	EM	ER	UL	IN	FD	LEN	POS	(Symbol)	Description
R6:0	0	0	0	0	0	0	0	0	0	0		

Offset	0	1	2	3	4	5	6	7	8	9
N7:0	0	0	0	0	0	0	0	0	0	0
N7:10	0	0	0	0	0	0	0	0	0	0
N7:20	0	0	0	0	0	0	0	0	0	0
N7:30	0	0	0	0	0	0	0	0	0	0
N7:40	0	0	0	0	0	0	0	0	0	0
N7:50	0	0	0	0	0	0	0	0	0	0
N7:60	0	0	0	0	0	0	0	0	0	0
N7:70	0	0	0	0	0	0	0	0	0	0
N7:80	0	0	0	0	0	0	0	0	0	0
N7:90	0	0	0	0	0	0	0	0	0	0
N7:100	0									

Data File F8 -- FLOAT

---

Offset	0	1	2	3	4
F8:0	0				