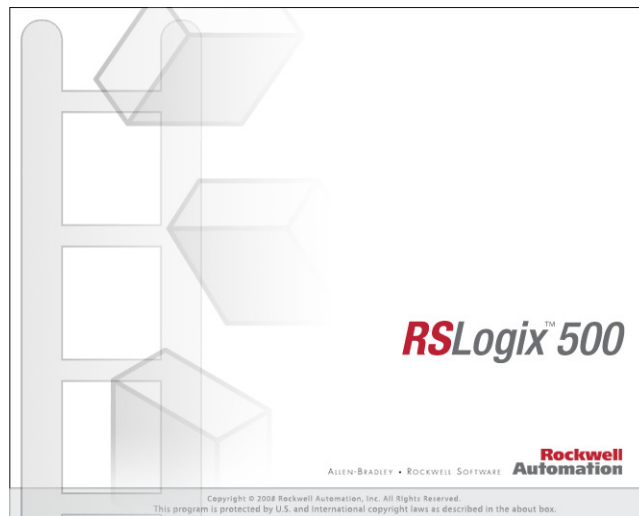


RSLogix Micro Project Report



Processor Information

Processor Type: Bul.1766 MicroLogix 1400 Series A

Processor Name: DRV_CTRL

Total Memory Used: 1144 Instruction Words Used - 996 Data Table Words Used

Total Memory Left: 11290 Instruction Words Left

Program Files: 7

Data Files: 20

Program ID: 3492

I/O Configuration

0	Bul.1766	MicroLogix 1400 Series A
1		
2		
3		
4		
5		
6		
7		

Channel Configuration

CHANNEL 0 (SYSTEM) - Driver: Modbus RTU Master

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

Baud: 9600
Parity: NONE
Control Line : No Handshaking (485 Network)
InterCharacter Timeout(x1 ms): 0
Pre Transmit Delay(x1 ms): 0

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: No
CHANNEL 1 (SYSTEM) - Driver: Ethernet Message Servicing Selection: No

Hardware Address: 00:00:00:00:00:00
IP Address: 192.168.1.2
Subnet Mask: 255.255.255.0
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: No
Dhcp Enable: No
SMTP Enable: No
SNMP Enable: Yes
HTTP Enable: Yes
Auto Negotiate Enable: Yes
Port Speed Enable: 10/100 Mbps Full Duplex/Half Duplex
Contact:
Location:

CHANNEL 2 (SYSTEM) - Driver: DF1 Full Duplex

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

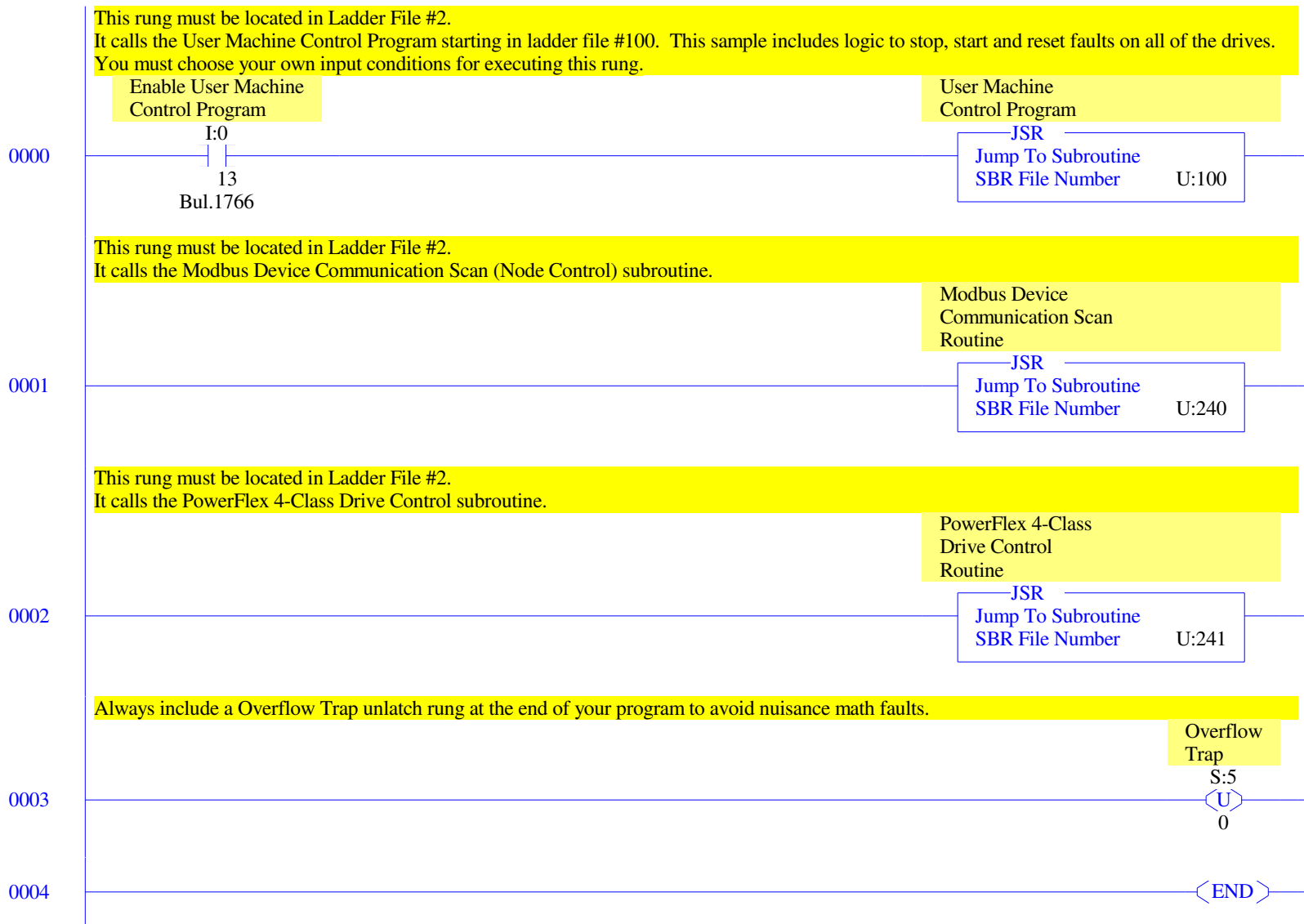
Source ID: 1 (decimal)
Baud: 19200
Parity: NONE
Control Line : No Handshaking
Error Detection: CRC
Embedded Responses: Auto Detect
Duplicate Packet Detect: Yes
ACK Timeout(x20 ms): 50
NAK Retries: 3
ENQ Retries: 3

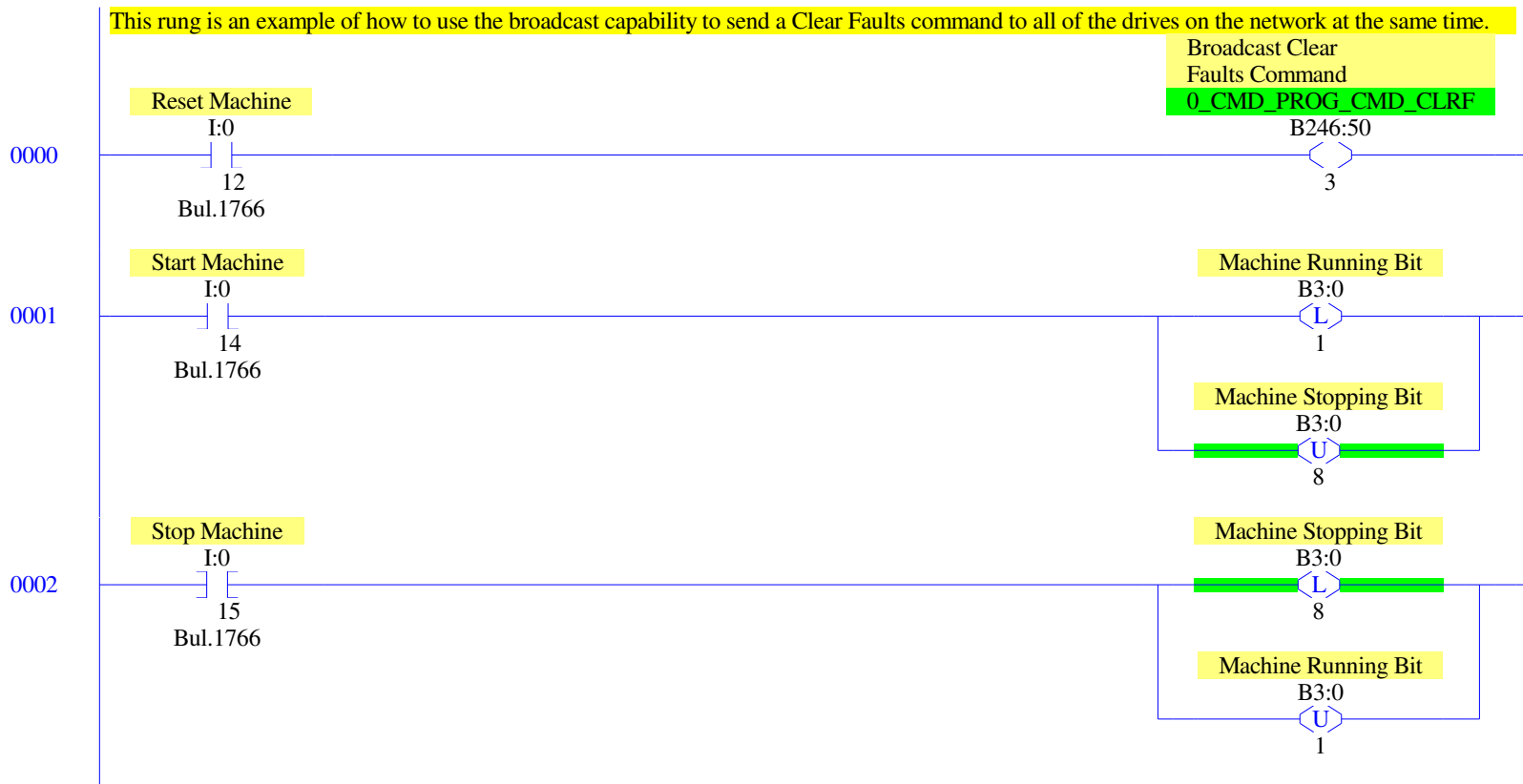
Program File List

Name	Number	Type	Rungs	Debug	Bytes
[SYSTEM]	0	SYS	0	No	0
	1	SYS	0	No	0
MAIN	2	LADDER	5	No	46
USER PRGRM	100	LADDER	6	No	1035
PVC CTRL	239	LADDER	4	No	1284
NODE CTRL	240	LADDER	4	No	314
DRIVE CTRL	241	LADDER	16	No	3611

Data File List

Name	Number	Type	Scope	Debug	Words	Elements	Last
OUTPUT	0	O	Global	No	18	6	O:5
INPUT	1	I	Global	No	24	8	I:7
STATUS	2	S	Global	No	0	66	S:65
BINARY	3	B	Global	No	1	1	B3:0
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	2	2	N7:1
FLOAT	8	F	Global	No	2	1	F8:0
NODE TIMER	238	T	Global	No	3	1	T238:0
NODE STS	239	B	Global	No	32	32	B239:31
NODE CTRL	240	B	Global	No	5	5	B240:4
NODE MISC	241	N	Global	No	7	7	N241:6
DC TIMERS	242	T	Global	No	12	4	T242:3
DC MSGS	243	MG	Global	No	200	8	MG243:7
DC FLOATS	244	F	Global	No	12	6	F244:5
DC STATUS	245	B	Global	No	226	226	B245:225
DC CMMNDS	246	B	Global	No	132	132	B246:131
DC MISC	247	N	Global	No	55	55	N247:54
	255	N	Global	No	256	256	N255:255





Machine Running Bit

1

1_CMD_NODE_ENABL

1

1_CMD_PROG_CMD_STOP

1

1_STS_DRVSTS_ATREF

8

1_CMD_PROG_CMD_STRT

1

1_STS_DRVSTS_ATREF

8

1_CMD_PROG_CMD_STRT

1

1_STS_DRVSTS_FAULT

7

2_CMD_NODE_ENABL

2

2_CMD_PROG_CMD_STOP

1

2_STS_DRVSTS_ATREF

8

2_CMD_PROG_CMD_STRT

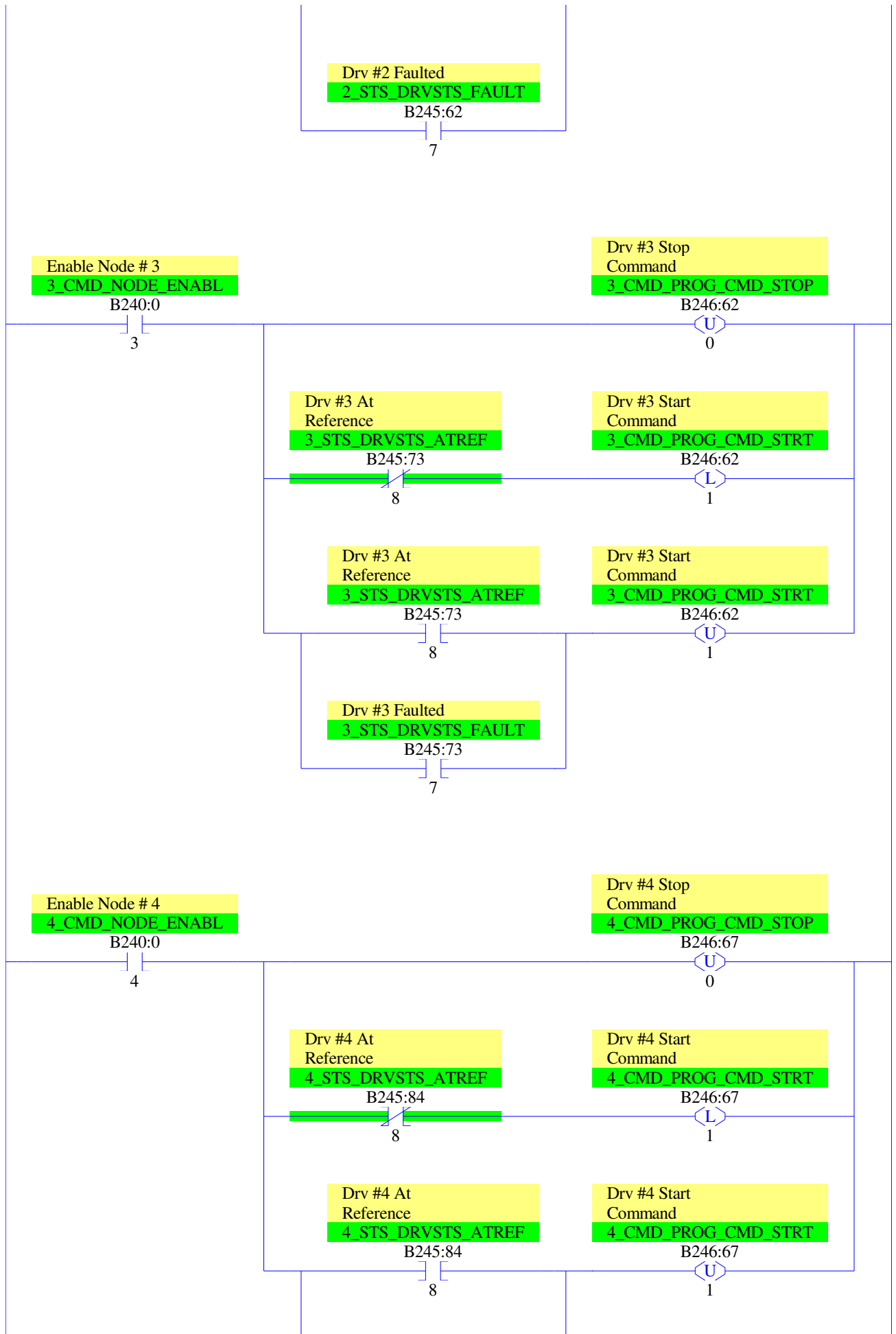
1

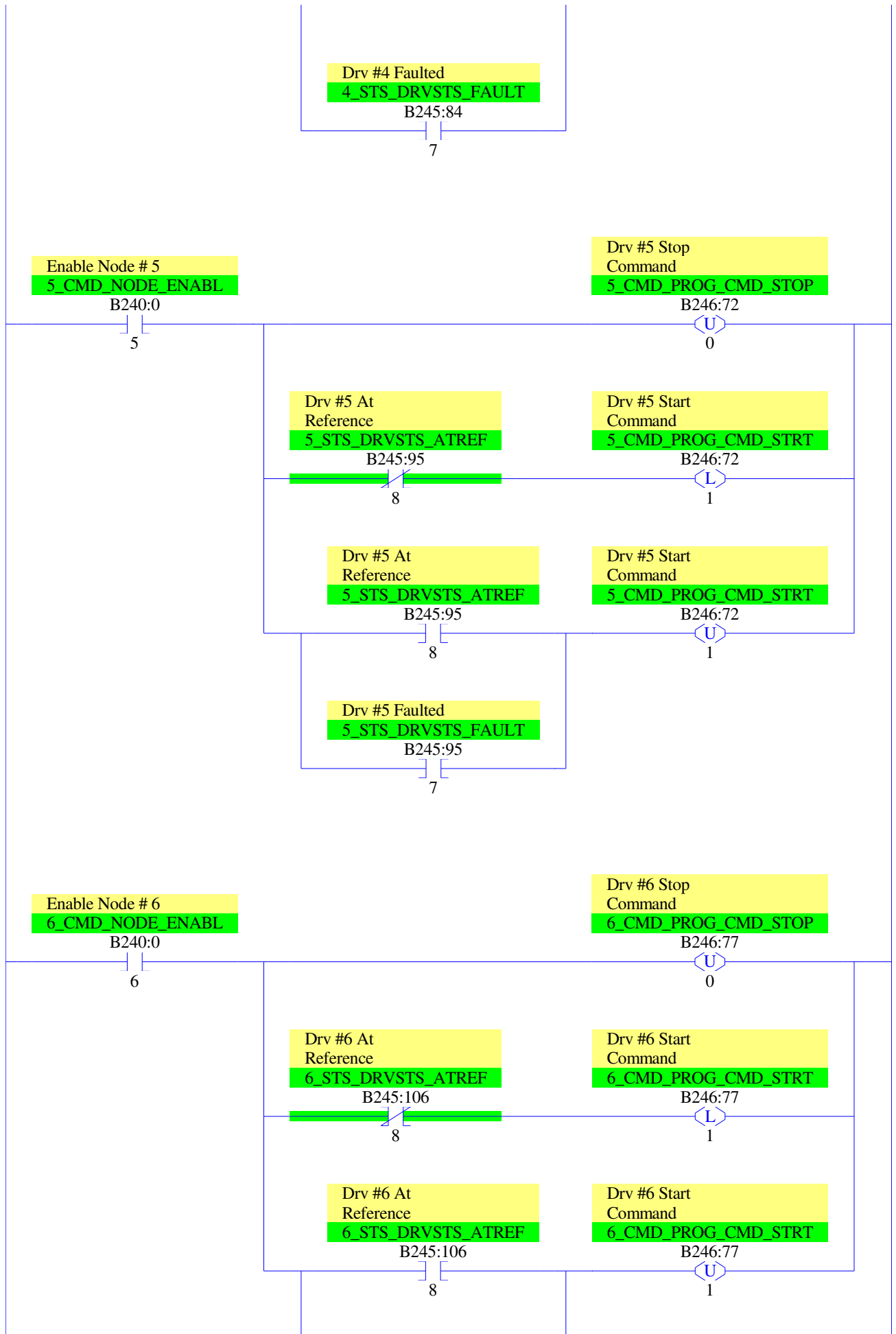
2_STS_DRVSTS_ATREF

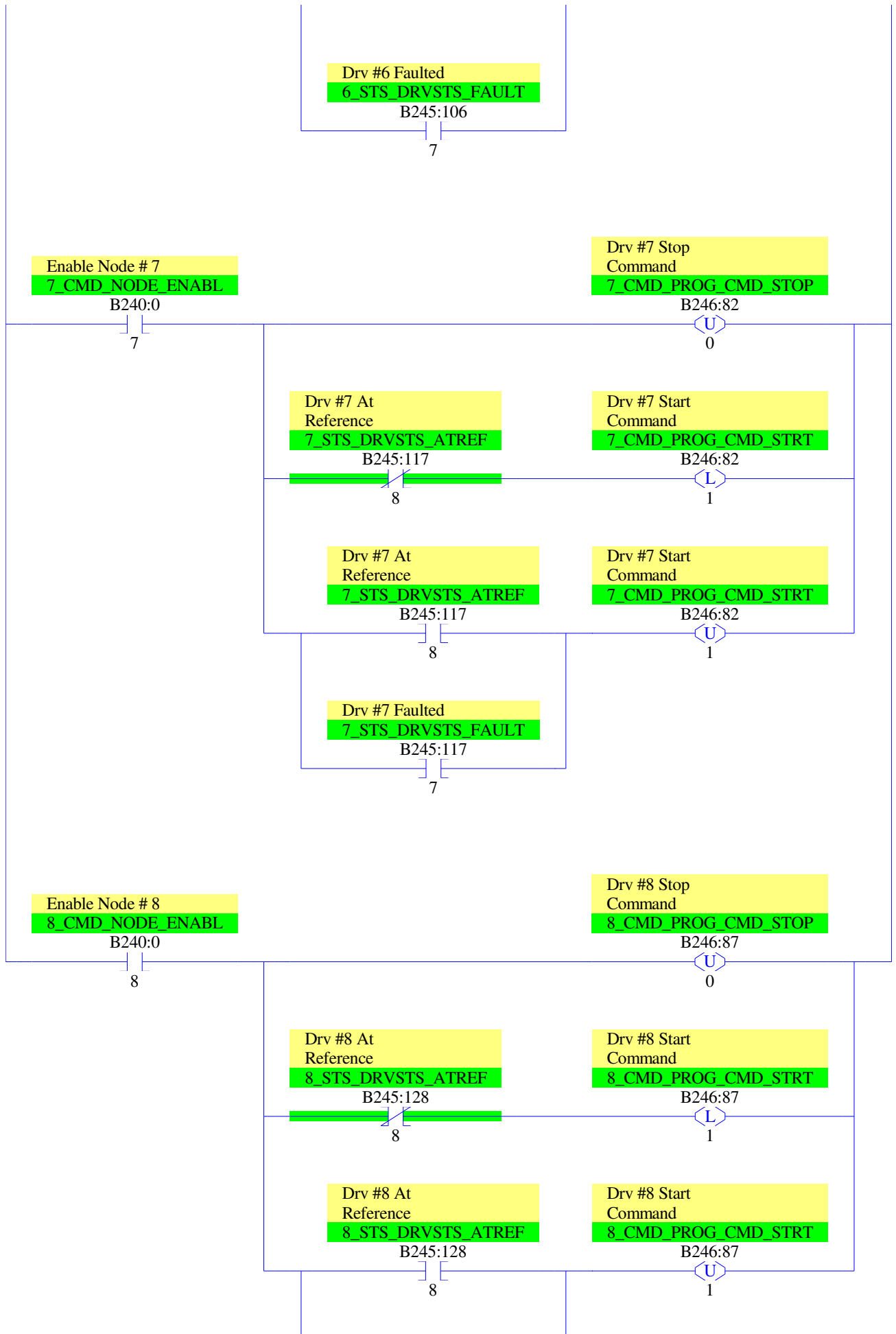
8

2_CMD_PROG_CMD_STRT

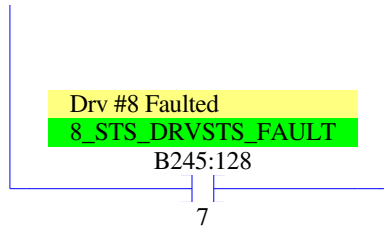
1

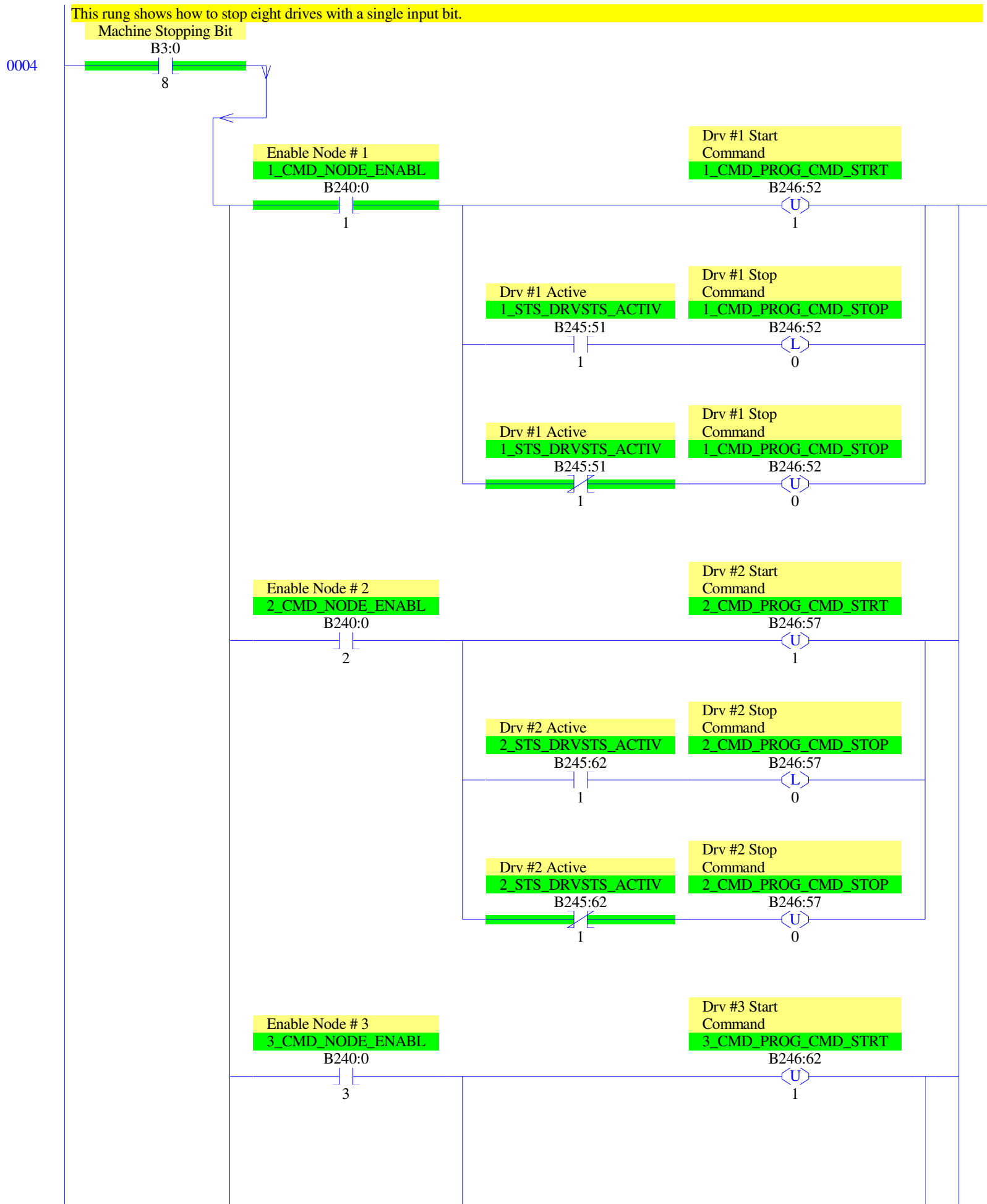




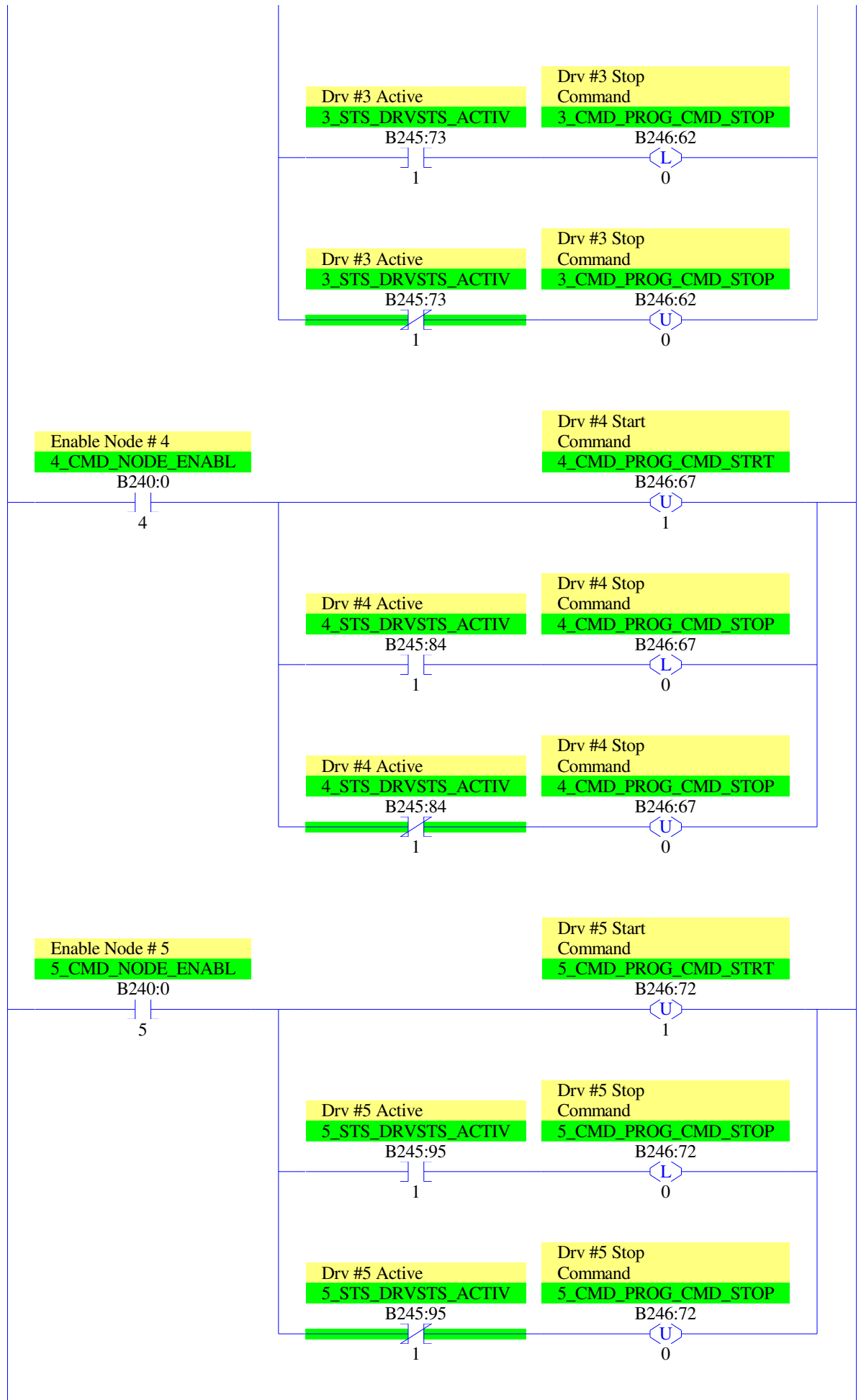


LAD 100 - USER PRGRM --- Total Rungs in File = 6

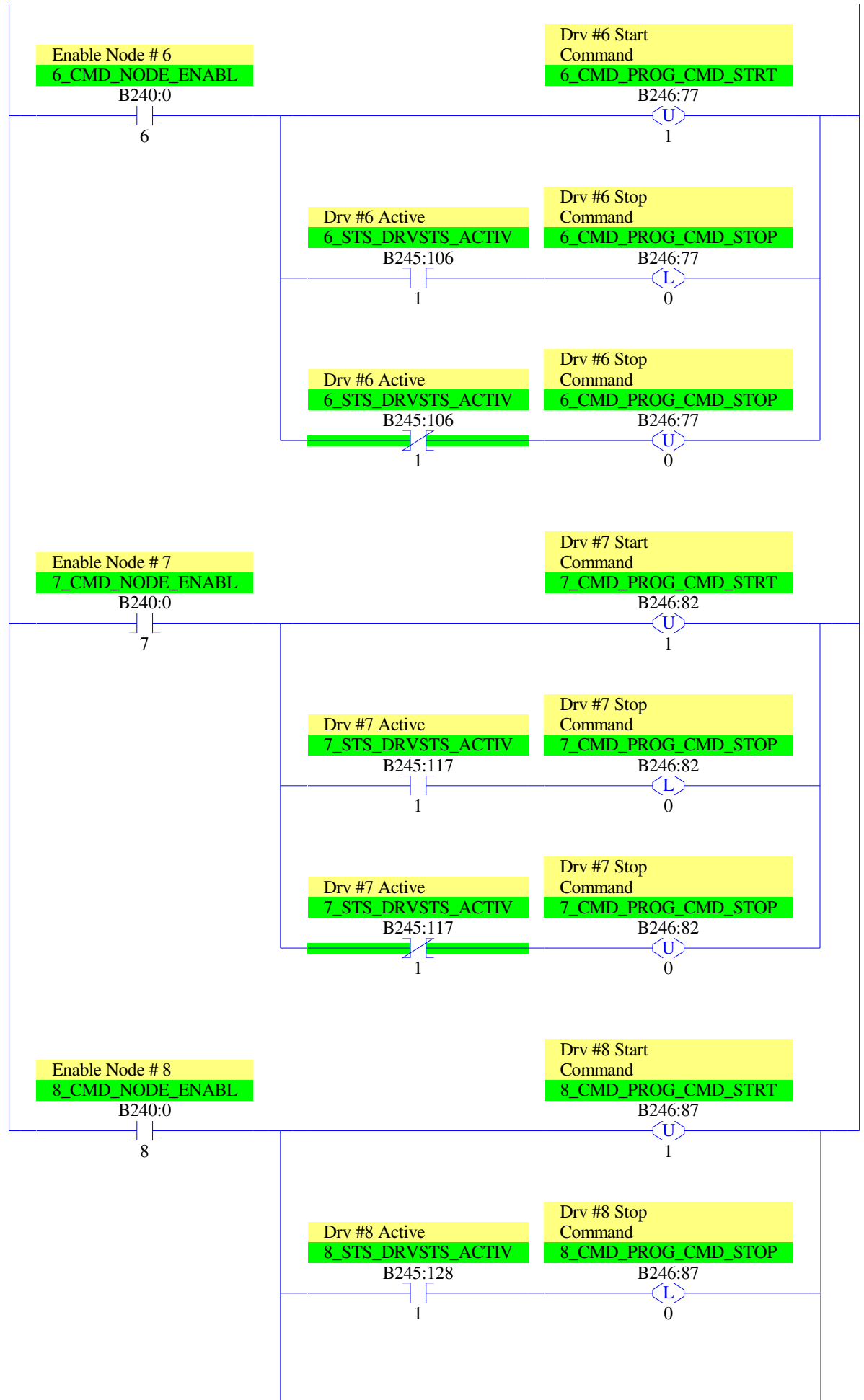




LAD 100 - USER PRGRM --- Total Rungs in File = 6

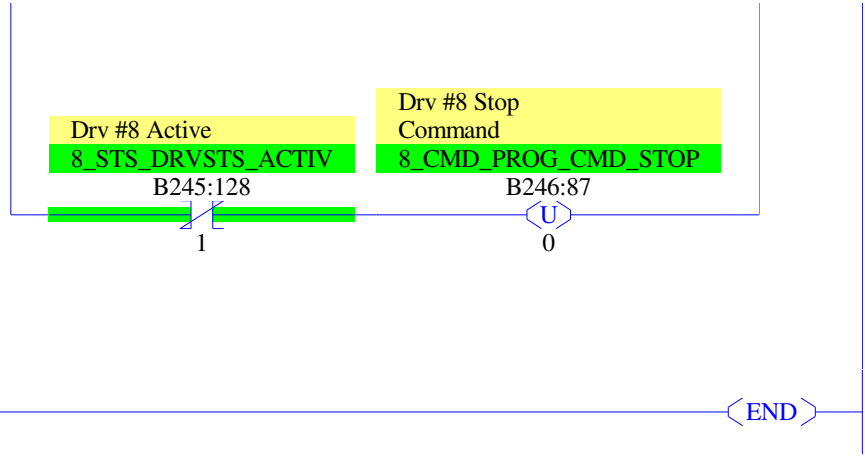


LAD 100 - USER PRGRM --- Total Rungs in File = 6



LAD 100 - USER PRGRM --- Total Rungs in File = 6

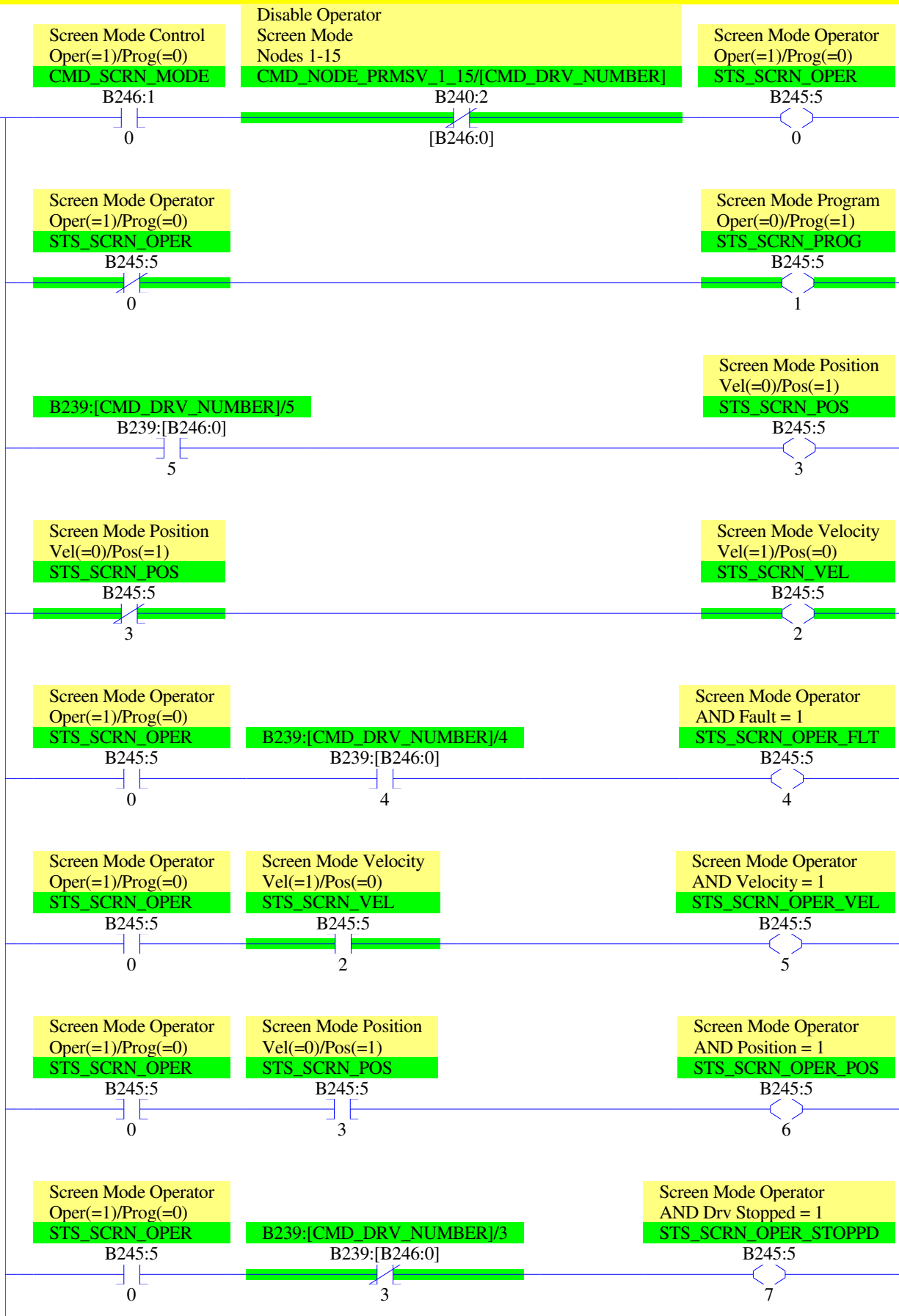
0005



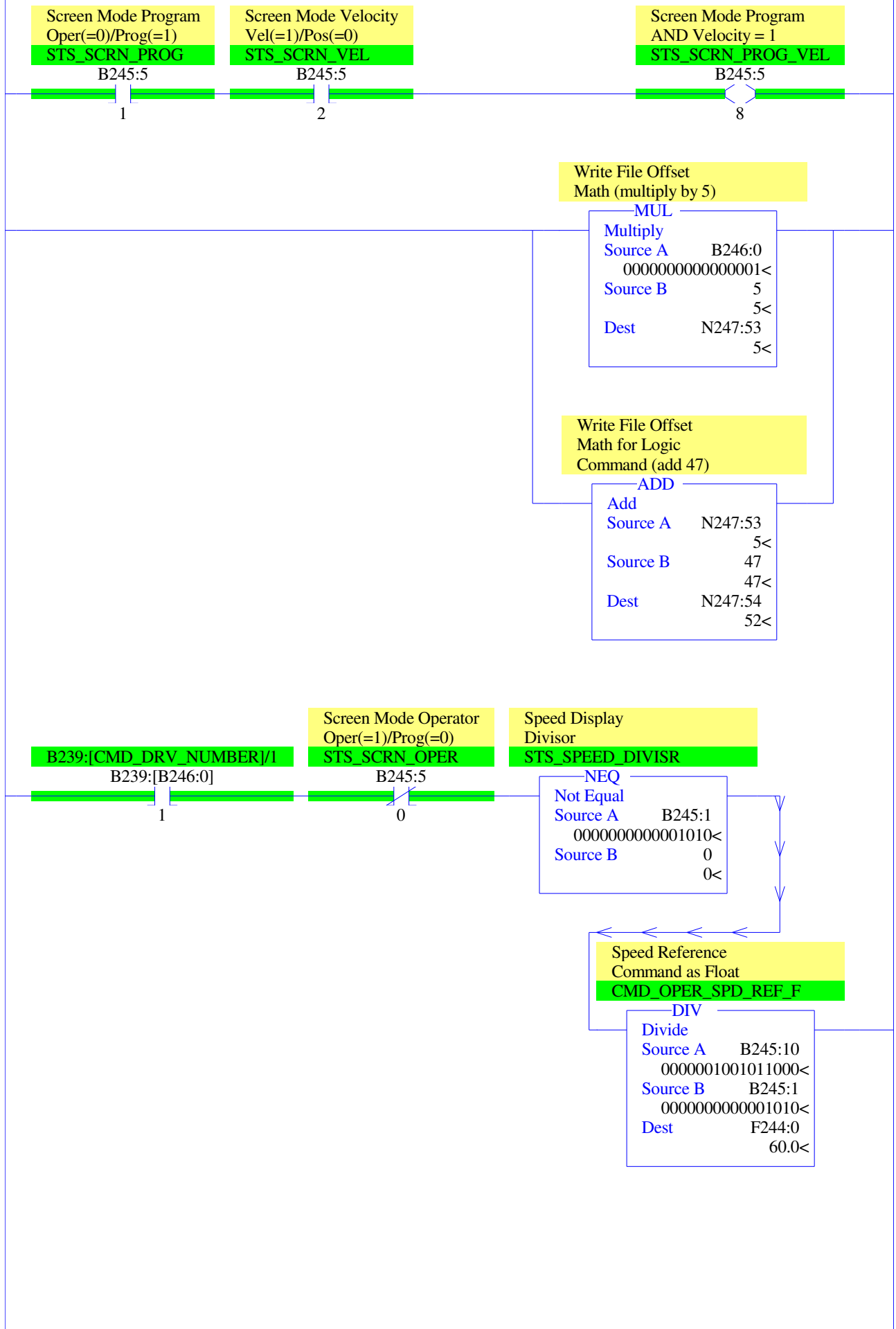
PanelView Component (PVC) Display Control for Drives Subroutine

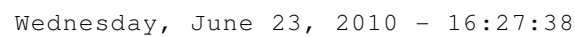
All of the PVC drive status data is read from B245:1-17. The MicroLogix subroutines move the data for the drive being displayed (based on the screen number) into these registers. Similarly, the PVC drive commands are written to B246:1-4. The MicroLogix subroutines move the data from here to the appropriate drive registers (based on the screen number). Once the divisors have been assigned, the floating point screen values are kept updated.

0000



LAD 239 - PVC CTRL --- Total Rungs in File = 4





Amperage Display
Divisor

STS_AMPS_DIVISR

NEQ

Not Equal

Source A B245:2
0000000001100100<
Source B 0
0<

Output Current
Display as Float

STS_OUTPT_CURRNT_F

DIV

Divide

Source A B245:12
0000000000000000<
Source B B245:2
0000000001100100<
Dest F244:3
0.0<

Voltage Display
Divisor

STS_VOLTS_DIVISR

NEQ

Not Equal

Source A B245:3
0000000000001010<
Source B 0
0<

Output Voltage
Display as Float

STS_OUTPT_VOLTAG_F

DIV

Divide

Source A B245:14
0000000000000000<
Source B B245:3
0000000000001010<
Dest F244:4
0.0<

DC Bus Voltage
Display Divisor

STS_DCBUSV_DIVISR

NEQ

Not Equal

Source A B245:4
0000000000000001<
Source B 0
0<

DC Bus Voltage
Display as Float

STS_DCBUS_VOLTAG_F

DIV

Divide

Source A B245:13
0000000101010001<
Source B B245:4
0000000000000001<
Dest F244:5
337.0<

Every time the screen/drive number changes between 1-16 (or the program goes to RUN mode), set the new screen for Program mode, copy the current screen/drive status data to B245:7-17 and the current drive command data to B246:2-4.

0001

Drive Number Data to
Display

STS_DRV_NUMBER

NEQ

Not Equal

Source A B245:0

0000000000000001<

Source B B246:0

0000000000000001<

First Pass

S:1

15

Screen Mode Control

Oper(=1)/Prog(=0)

CMD_SCRN_MODE

B246:1

U

0

Write File Offset

Math (multiply by 5)

MUL

Multiply

Source A B246:0

0000000000000001<

Source B 5

5<

Dest N247:10

5<

Write File Offset

Math for Logic

Command (add 47)

ADD

Add

Source A N247:10

5<

Source B 47

47<

Dest N247:17

52<

Operator Command

Word

#CMD_OPER_CMD

COP

Copy File

Source #B246:[N247:17]

Dest #B246:2

Length 3

Operator Command

Word

CMD_OPER_CMD

AND

Bitwise AND

Source A B246:2

0000h<

Source B -64

-64<

Dest B246:2

0000h<

LAD 239 - PVC CTRL --- Total Rungs in File = 4

Read File Offset
Math (multiply by
11)

MUL
Multiply
Source A B246:0
0000000000000001<
Source B 10
10<
Dest N247:13
11<

Read File Offset
Math for Drive Type
(add 40)

ADD
Add
Source A N247:13
11<
Source B 40
40<
Dest N247:18
50<

Speed Display
Divisor

#STS_SPEED_DIVISR

FLL
Fill File
Source 0
Dest #B245:1
Length 6

PF4 Class Drive
Type

#STS_DRV_TYPE

COP
Copy File
Source #B245:[N247:18]
Dest #B245:7
Length 11

Commanded Speed
Display as Float

#STS_REF_SPEED_F

FLL
Fill File
Source 0.0
Dest #F244:1
Length 5

LAD 239 - PVC CTRL --- Total Rungs in File = 4

Drive Number Data to
Display

STS_DRV_NUMBER

MOV

Move

Source B246:0

0000000000000001<

Dest B245:0

0000000000000001<

This rung assigns the divisors, based on drive type, for each of the floating point displays so that the screen display matches the drive display.
(drive, drive type, speed divisor, output current divisor, output voltage divisor, dc bus voltage divisor)

PF4M, 132, 10, 100, 10, 1

PF4, 39, 10, 100, 10, 10

PF40, 40, 10, 100, 10, 1

PF40P, 129, 100, 100, 10, 1

PF400, 41, 100, 10, 1, 1

Speed Display

Divisor

STS_SPEED_DIVISR

EQU

Equal

Source A B245:1

0000000000001010<

Source B 0

0<

Amperage Display

Divisor

STS_AMPS_DIVISR

EQU

Equal

Source A B245:2

0000000001100100<

Source B 0

0<

Voltage Display

Divisor

STS_VOLTS_DIVISR

EQU

Equal

Source A B245:3

0000000000001010<

Source B 0

0<

DC Bus Voltage

Display Divisor

STS_DCBUSV_DIVISR

EQU

Equal

Source A B245:4

0000000000000001<

Source B 0

0<

PF4 Class Drive

Type

STS_DRV_TYPE

EQU

Equal

Source A B245:7

0000000010000100<

Source B 132

132<

Speed Display

Divisor

STS_SPEED_DIVISR

MOV

Move

Source

10

10<

Dest

B245:1

0000000000001010<

0002

Amperage Display
Divisor

STS_AMPS_DIVISR

MOV

Move

Source

100

100<

Dest

B245:2

0000000001100100<

Voltage Display
Divisor

STS_VOLTS_DIVISR

MOV

Move

Source

10

10<

Dest

B245:3

0000000000001010<

DC Bus Voltage
Display Divisor

STS_DCBUSV_DIVISR

MOV

Move

Source

1

1<

Dest

B245:4

0000000000000001<

PF4 Class Drive
Type

STS_DRV_TYPE

EQU

Equal

Source A B245:7

0000000010000100<

Source B

39

39<

Speed Display
Divisor

STS_SPEED_DIVISR

MOV

Move

Source

10

10<

Dest

B245:1

0000000000001010<

Amperage Display
Divisor

STS_AMPS_DIVISR

MOV

Move

Source

100

100<

Dest

B245:2

0000000001100100<

LAD 239 - PVC CTRL --- Total Rungs in File = 4

Voltage Display
Divisor

STS_VOLTS_DIVISR

MOV

Move

Source

10

10<

Dest

B245:3

0000000000001010<

DC Bus Voltage
Display Divisor

STS_DCBUSV_DIVISR

MOV

Move

Source

10

10<

Dest

B245:4

0000000000000001<

PF4 Class Drive
Type

STS_DRV_TYPE

EQU

Equal

Source A

B245:7

0000000010000100<

Source B

40

40<

Speed Display
Divisor

STS_SPEED_DIVISR

MOV

Move

Source

10

10<

Dest

B245:1

0000000000001010<

Amperage Display
Divisor

STS_AMPS_DIVISR

MOV

Move

Source

100

100<

Dest

B245:2

0000000001100100<

Voltage Display
Divisor

STS_VOLTS_DIVISR

MOV

Move

Source

10

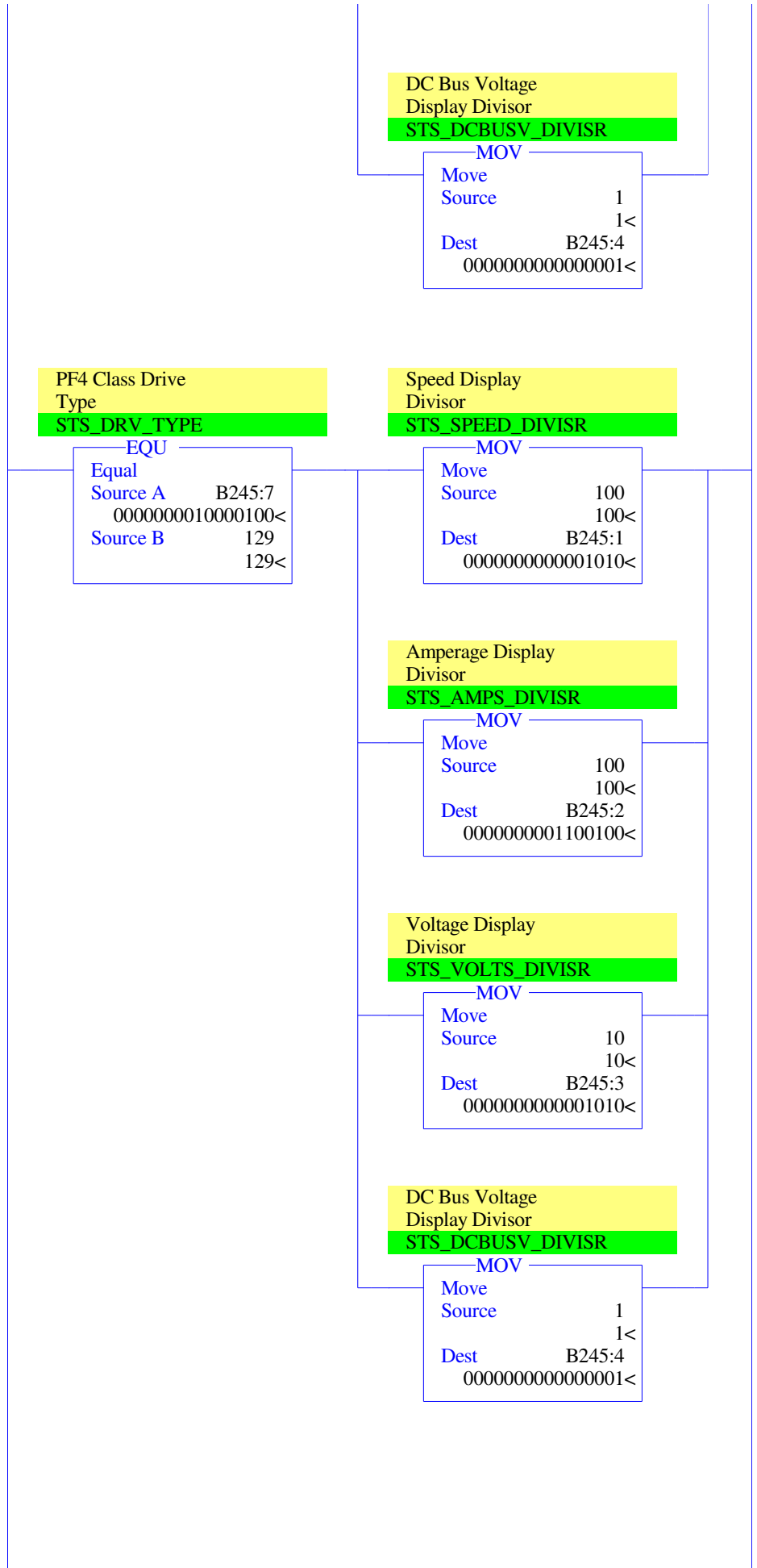
10<

Dest

B245:3

0000000000001010<

LAD 239 - PVC CTRL --- Total Rungs in File = 4



LAD 239 - PVC CTRL --- Total Rungs in File = 4

PF4 Class Drive
Type
STS_DRV_TYPE

EQU
Equal
Source A B245:7
0000000010000100<
Source B 41
41<

Speed Display
Divisor
STS_SPEED_DIVISR

MOV
Move
Source 100
100<
Dest B245:1
0000000000001010<

Amperage Display
Divisor
STS_AMPS_DIVISR

MOV
Move
Source 10
10<
Dest B245:2
0000000001100100<

Voltage Display
Divisor
STS_VOLTS_DIVISR

MOV
Move
Source 1
1<
Dest B245:3
0000000000001010<

DC Bus Voltage
Display Divisor
STS_DCBUSV_DIVISR

MOV
Move
Source 1
1<
Dest B245:4
0000000000000001<

END

Modbus Network Scan Control

Enter in the minimum Modbus node number into N241:0 (normally 1).

Enter in 1 + (maximum Modbus node number) into N241:2 (less than or equal to 32).

The Comms Scan Cycle Timer records how long, in milliseconds, it takes to read all of the enabled nodes. This time includes any writes that may have occurred within the scan due to changes in the write data.

When the node counter reaches 1 + maximum (32 for RS485 Modbus network), the node counter is reset to minimum (normally 1) and the last scan cycle time is saved and compared against the maximum scan cycle time. If the last scan cycle time is longer than the current maximum scan cycle time, then it becomes the new maximum scan cycle time.

Use the Comms Scan Cycle Timer to determine the maximum response time to changes.

The other routines, such as Drive Control, are responsible for allocating a subset of this range of node numbers. The Drive Control routines may allocate node numbers from 1-8. The Pump Control routines may allocate node numbers 9-16. The Temperature Control routine may allocate node numbers 17-24.

The other routines are also responsible for incrementing the node counter within their assigned range.

0000

Minimum Node#

LEQ

Less Than or Eql (A<=B)

Source A N241:1

1<

Source B

0

0<

RET

Return

Minimum Node#

GEQ

Grtr Than or Eql (A>=B)

Source A N241:1

1<

Source B

N241:2

9<

Maximum Node# +1

GRT

Greater Than (A>B)

Source A N241:2

9<

Source B

32

32<

Comms Scan Cycle
Timer

TON

Timer On Delay

Timer T238:0

Time Base 0.001

Preset 32767<

Accum 37<

EN

DN

Node Counter

GEQ

Grtr Than or Eql (A>=B)

Source A N241:0

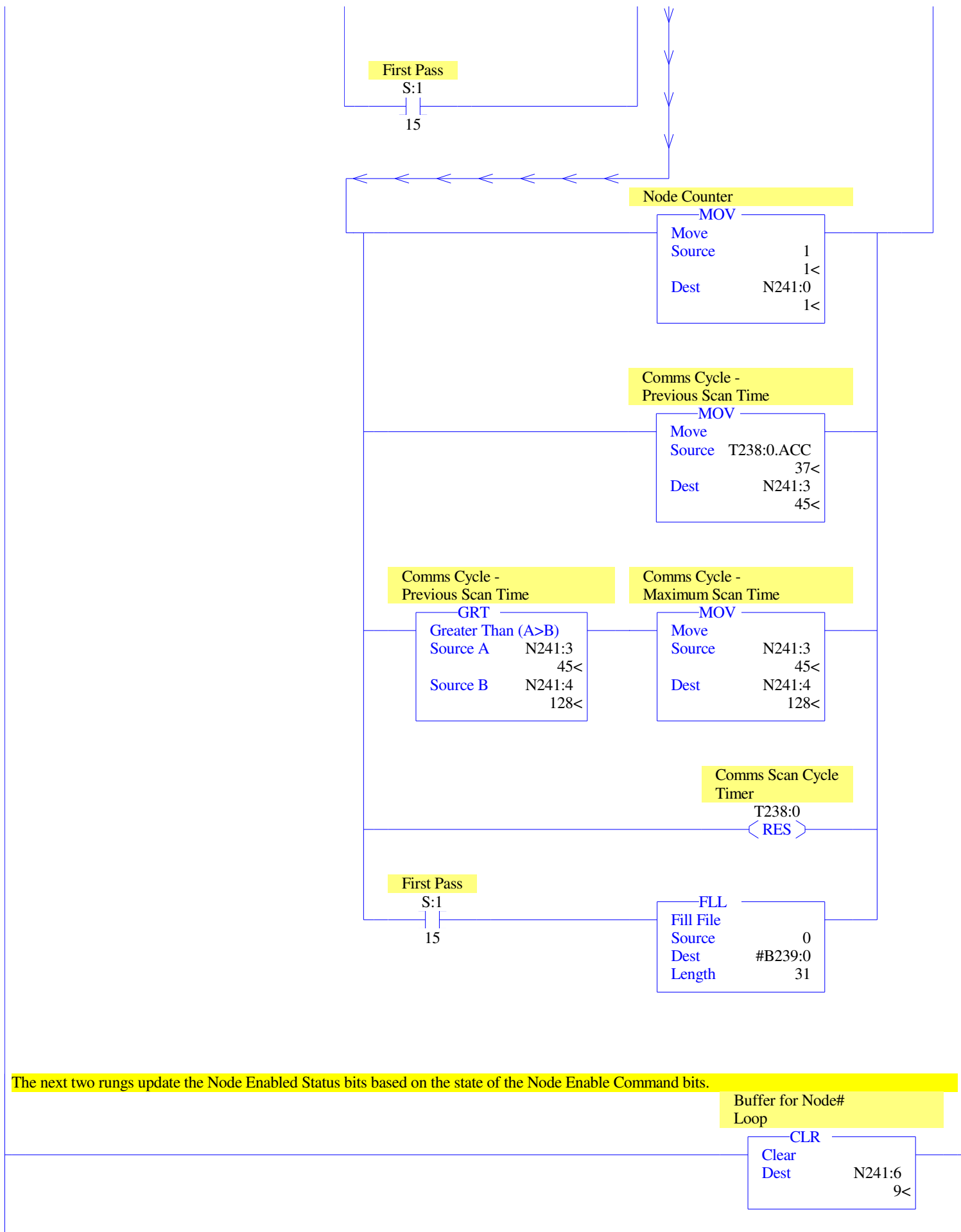
1<

Source B

N241:2

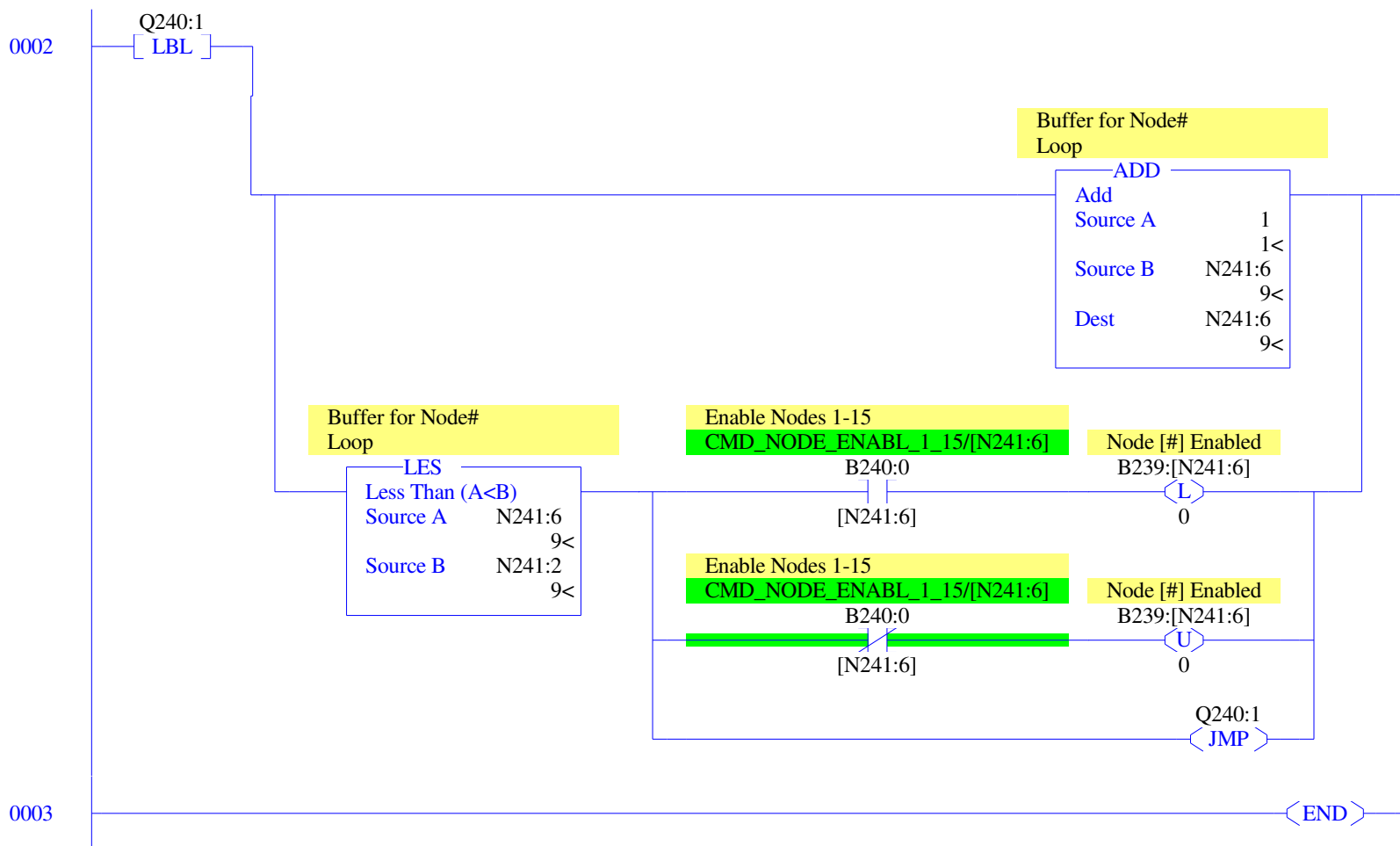
9<

LAD 240 - NODE CTRL --- Total Rungs in File = 4



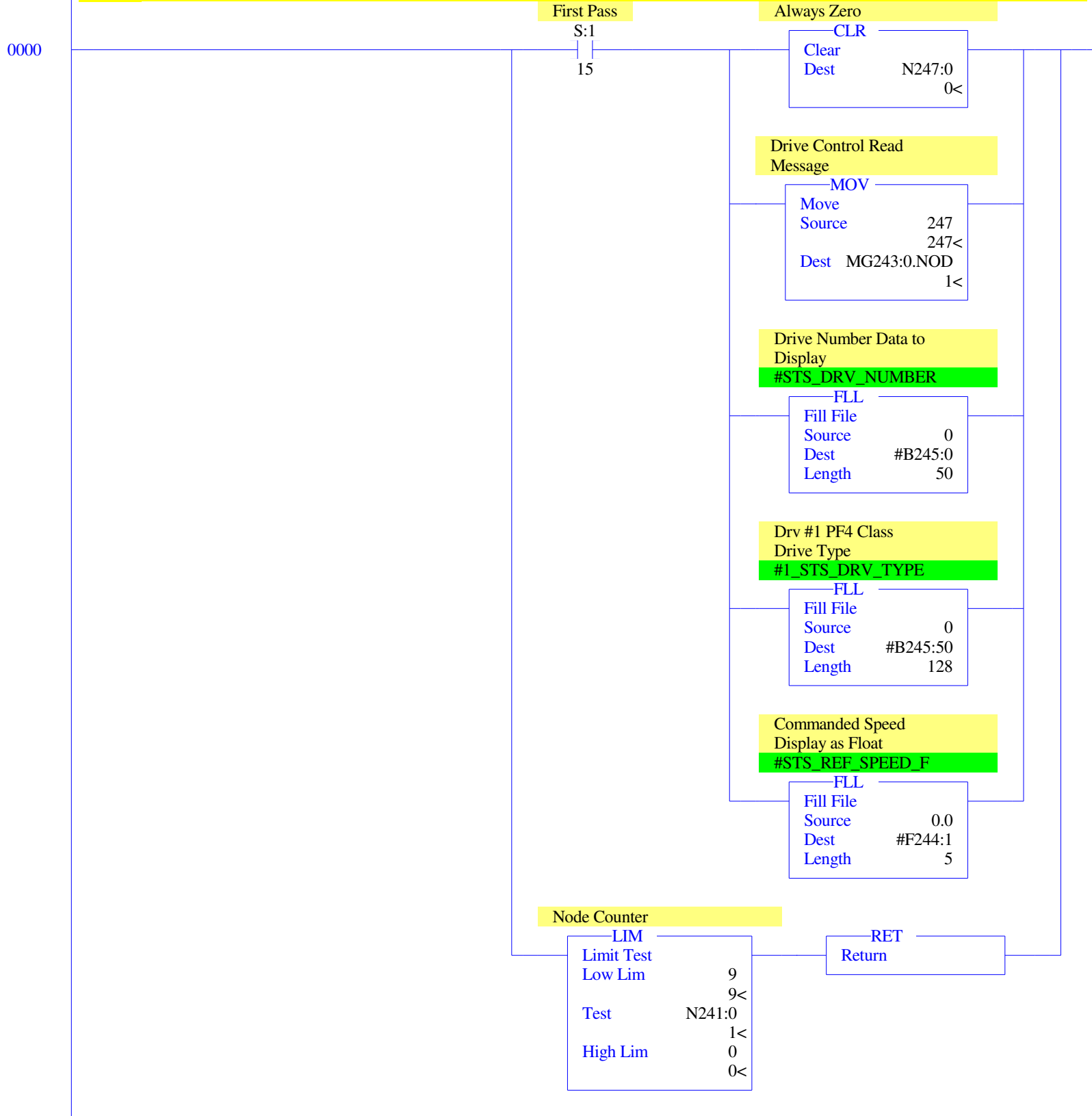
0001

LAD 240 - NODE CTRL --- Total Rungs in File = 4



Main Drive Control Subroutine

The limit test makes sure that the rest of the subroutine only executes when the node counter (N241:0) is between the minimum and maximum drive node numbers. It also verifies that the values configured by the user in N241:1 (minimum Modbus node #) and N241:2 (maximum Modbus node #) are valid.



This rung increments the node counter through the drive nodes that are not currently enabled to the next node that is enabled. If a previously enabled node is set to disabled, then its node responding, ready, running, faulted and mode bits are also cleared - if a node is disabled, its node status is unknown. It also clears the drive's status data, since it is no longer enabled. The maximum possible enabled drive node is 8.

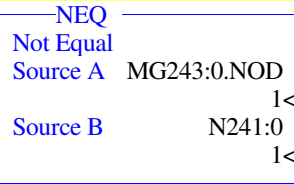
0001

Enable Nodes 1-15

CMD_NODE_ENABL_1_15/[N241:0]

Drive Control Read

Message



Node [#] Responding

B239:[N241:0]

1

Node [#] Responding

B239:[N241:0]

1

Node [#] Ready

B239:[N241:0]

2

Node [#] Running

B239:[N241:0]

3

Node [#] Faulted

B239:[N241:0]

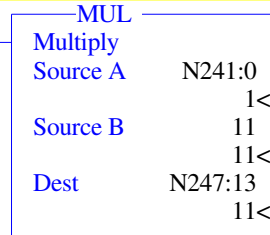
4

Node [#] Mode

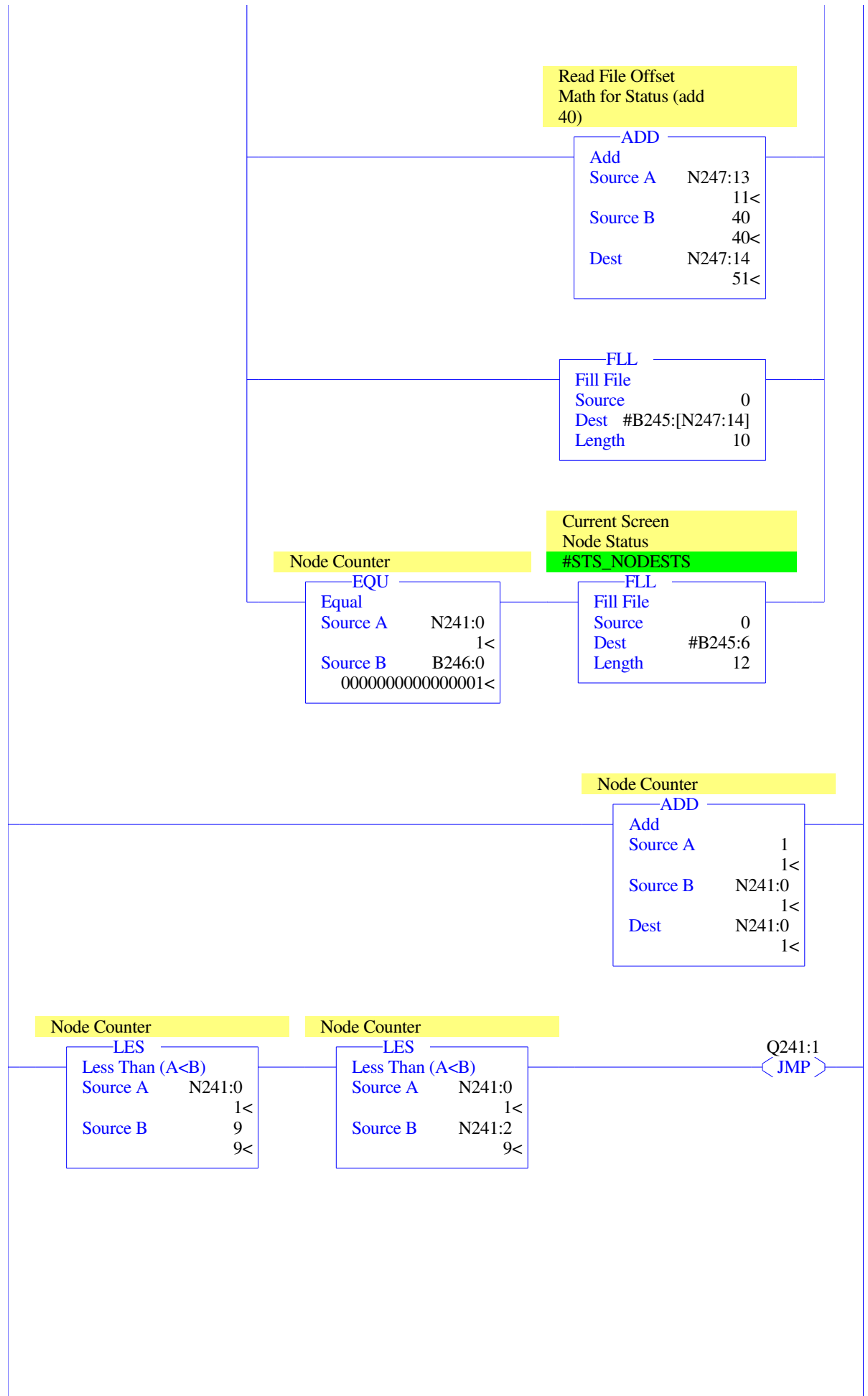
B239:[N241:0]

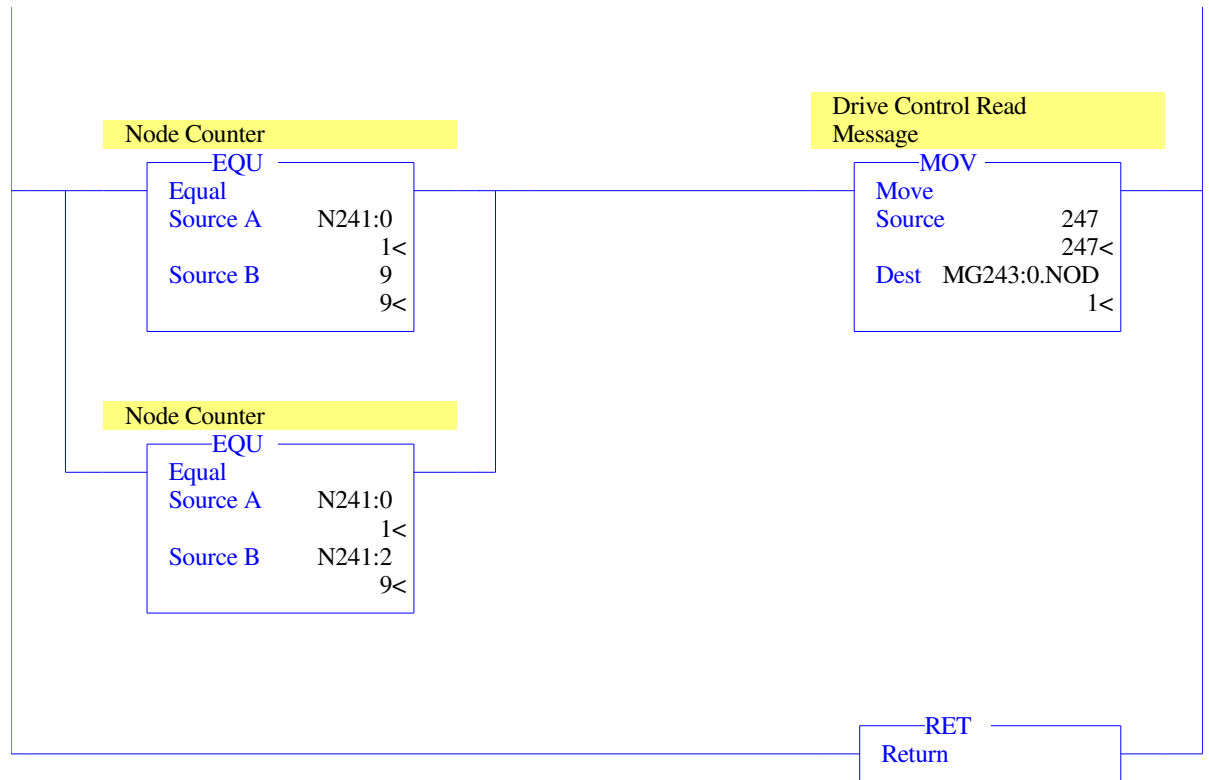
5

Read File Offset
Math (multiply by
11)

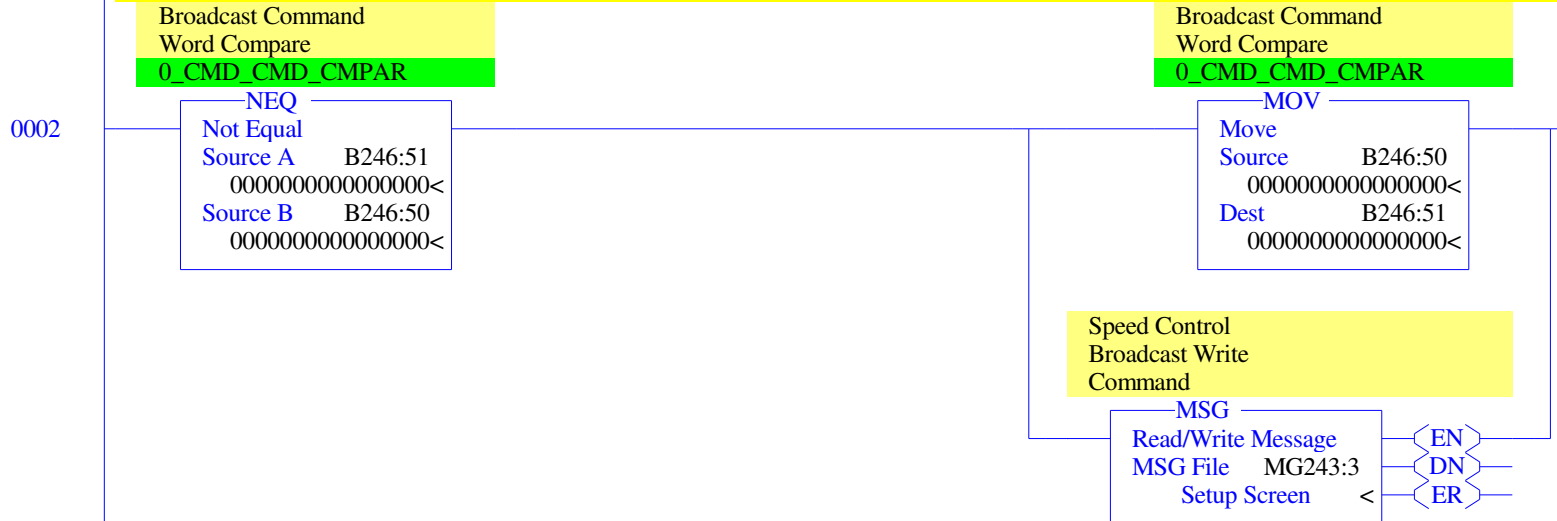


LAD 241 - DRIVE CTRL --- Total Rungs in File = 16

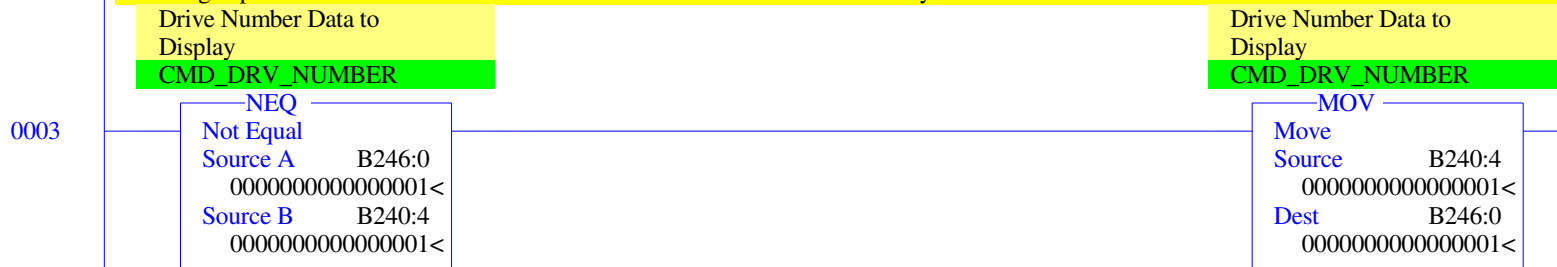




This rung initiates a broadcast write command to the Logic Command Data word to all of the drives on the Modbus network whenever a new value is written into B246:50. It can be used to simultaneously start (by writing a value of 4 into B246:50) and stop (by writing a value of 2 into B246:50) all of the drives.



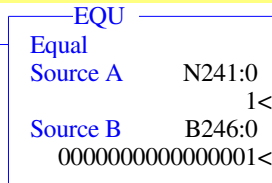
This rung copies the current screen number that is written from the HMI for use by the Drive Control routine.



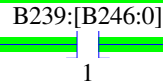
As long as the node counter equals the currently displayed drive number, the drive is enabled and the screen is in Operator mode, then accept commands from the PVc and overwrite any PLC drive commands. In Program mode, the operator may initiate a drive stop command, which will also switch the screen to Operator mode.

0004

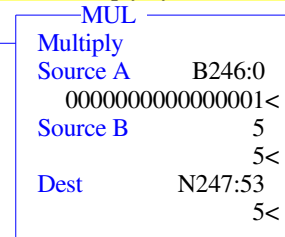
Node Counter



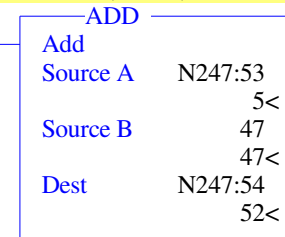
B239:[CMD_DRV_NUMBER]/1



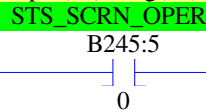
Write File Offset
Math (multiply by 5)



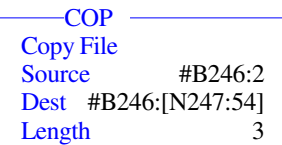
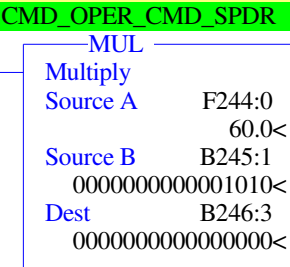
Write File Offset
Math for Logic
Command (add 47)



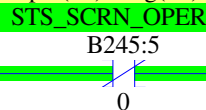
Screen Mode Operator
Oper(=1)/Prog(=0)



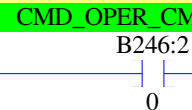
Operator Speed
Reference Command



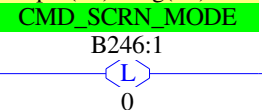
Screen Mode Operator
Oper(=1)/Prog(=0)



Operator Stop
Command



Screen Mode Control
Oper(=1)/Prog(=0)



For the next enabled node, the read message destination node is set and the write message data file offsets are calculated. For this drive, if either the command word or speed reference have changed since the last time it was written to, and if the node is active (responded to the last read attempt), then a write message will be sent to this drive with the latest logic command word or speed reference value. In any case, at least one read message is then sent to the drive to read logic status, fault code, commanded speed and speed feedback from the drive. This rung is only true for one scan, which is enough to enable the read message(s) and, under the conditions mentioned above, enable one or both write message(s).

Drive Control Read
Message

NEQ

Not Equal

Source A MG243:0.NOD

1<

Source B

N241:0

1<

Drive Control Read
Message

MOV

Move

Source N241:0

1<

Dest MG243:0.NOD

1<

Position Control
Read Message

MOV

Move

Source N241:0

1<

Dest MG243:7.NOD

1<

Read File Offset
Math (multiply by
11)

MUL

Multiply

Source A N241:0

1<

Source B 11

11<

Dest N247:13

11<

Read File Offset
Math for Commanded
Speed (add 42)

ADD

Add

Source A N247:13

11<

Source B 42

42<

Dest N247:15

53<

Read File Offset
Math for Drive Type
(add 39)

—ADD—

Add	
Source A	N247:13
	11<
Source B	39
	39<
Dest	N247:19
	50<

Read File Offset
Math for Position
Step Parameter (add
48)

—ADD—

Add	
Source A	N247:13
	11<
Source B	48
	48<
Dest	N247:35
	59<

Read File Offset
Math for Speed
Source Parameter
(add 49)

—ADD—

Add	
Source A	N247:13
	11<
Source B	49
	49<
Dest	N247:36
	60<

Write File Offset
Math (multiply by 5)

—MUL—

Multiply	
Source A	N241:0
	1<
Source B	5
	5<
Dest	N247:10
	5<

Write File Offset
Math for Logic
Command (add 47)

ADD		
Add		
Source A	N247:10	5<
Source B	47	47<
Dest	N247:12	52<

Write File Offset
Math for Logic
Command Compare (add 50)

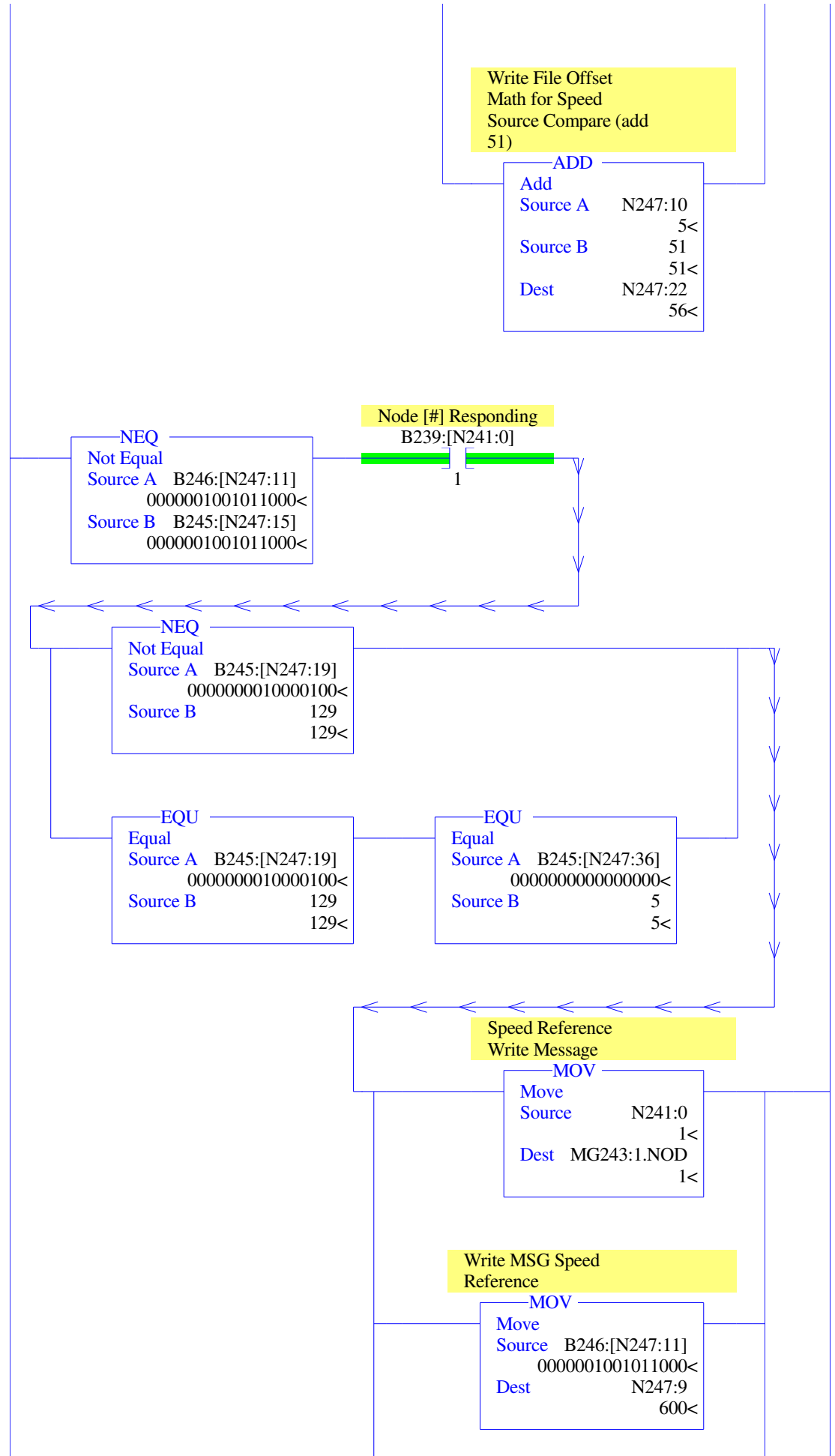
ADD		
Add		
Source A	N247:10	5<
Source B	50	50<
Dest	N247:16	55<

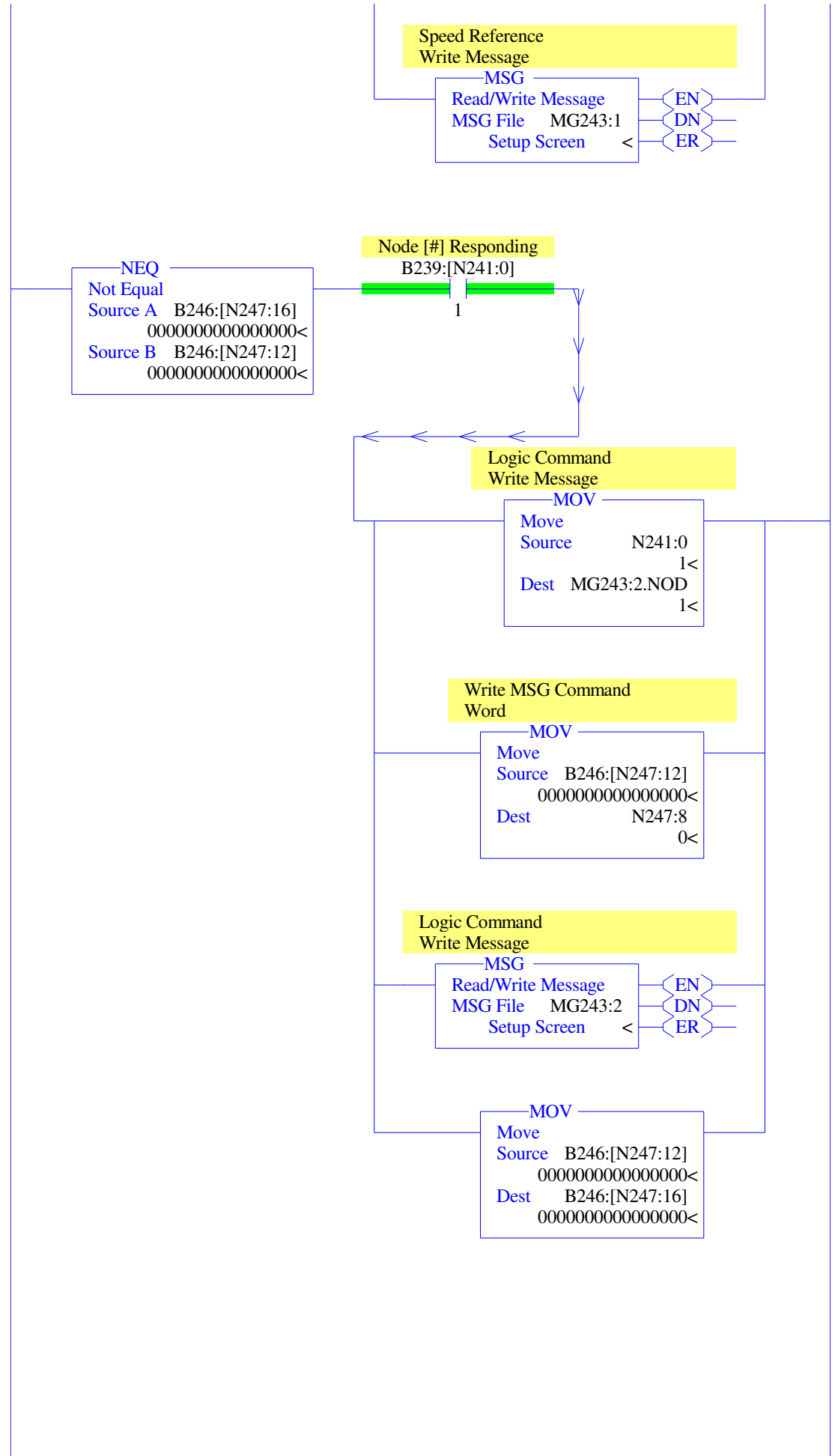
Write File Offset
Math for Speed (add 48)

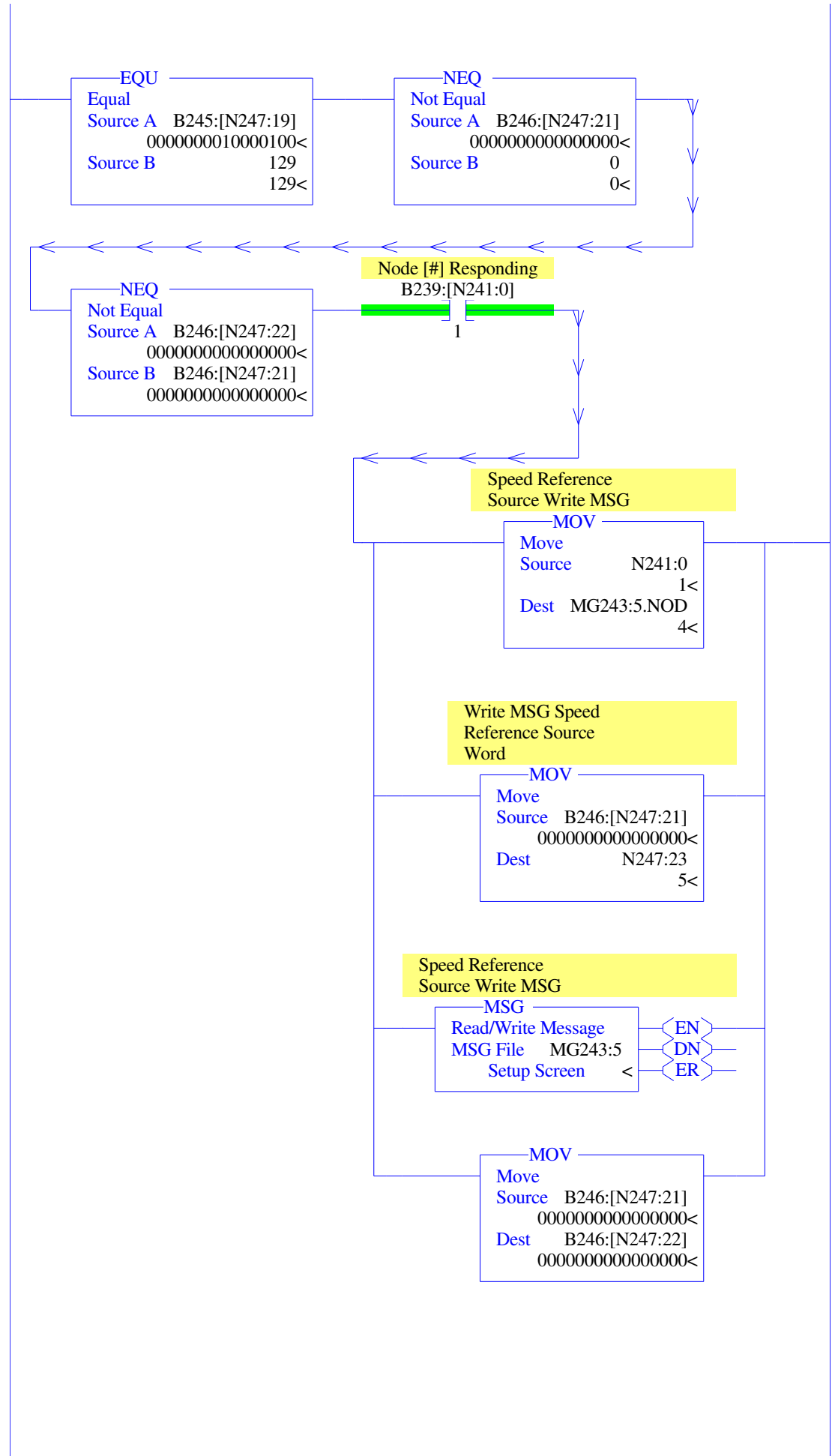
ADD		
Add		
Source A	N247:10	5<
Source B	48	48<
Dest	N247:11	53<

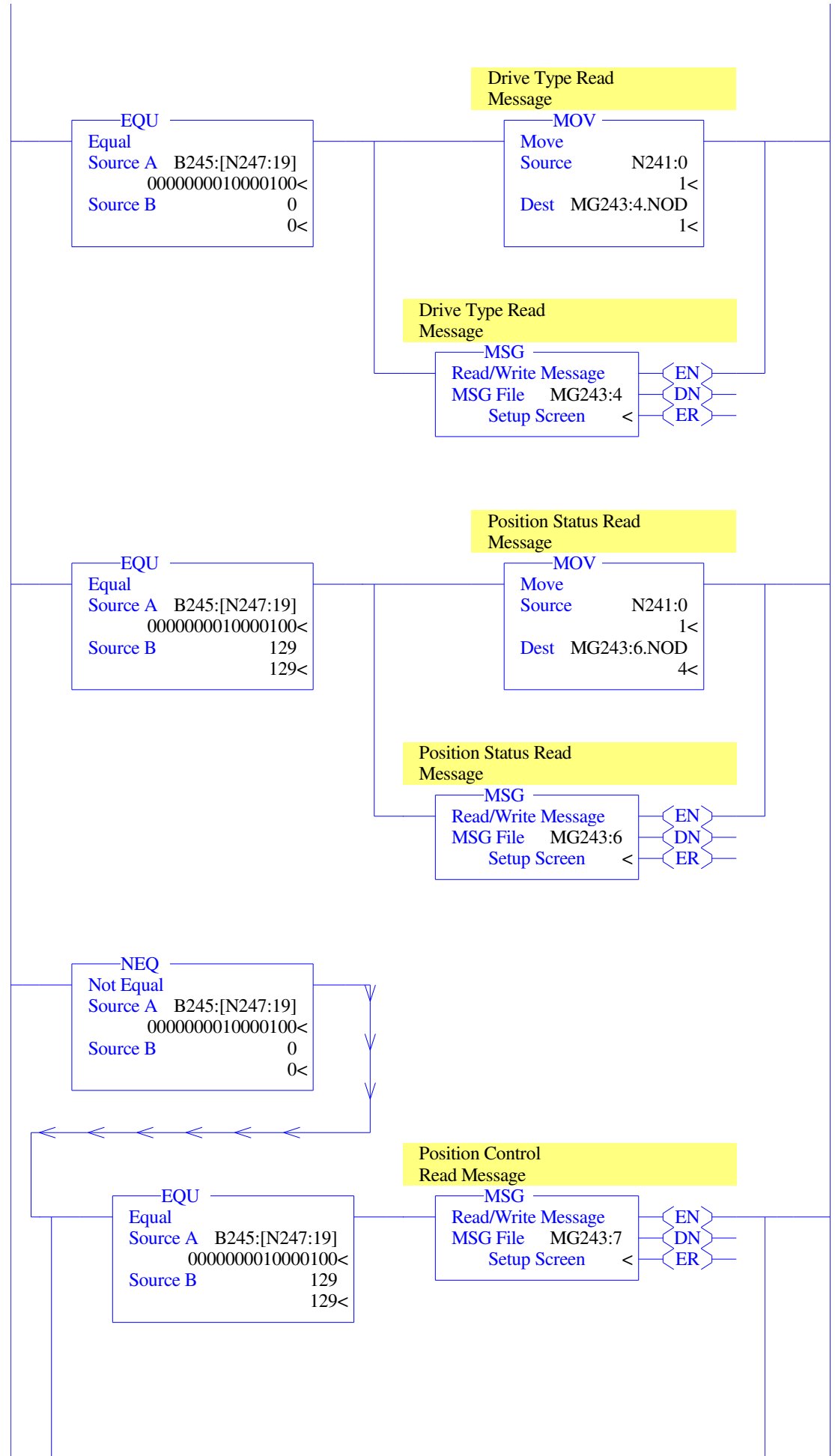
Write File Offset
Math for Speed
Source (add 49)

ADD		
Add		
Source A	N247:10	5<
Source B	49	49<
Dest	N247:21	54<

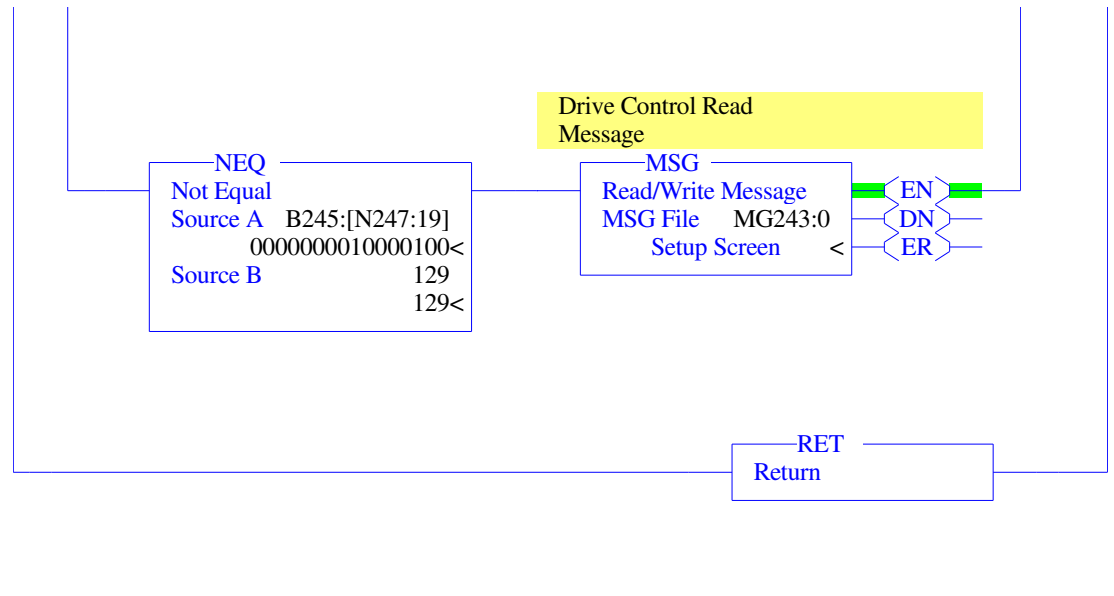






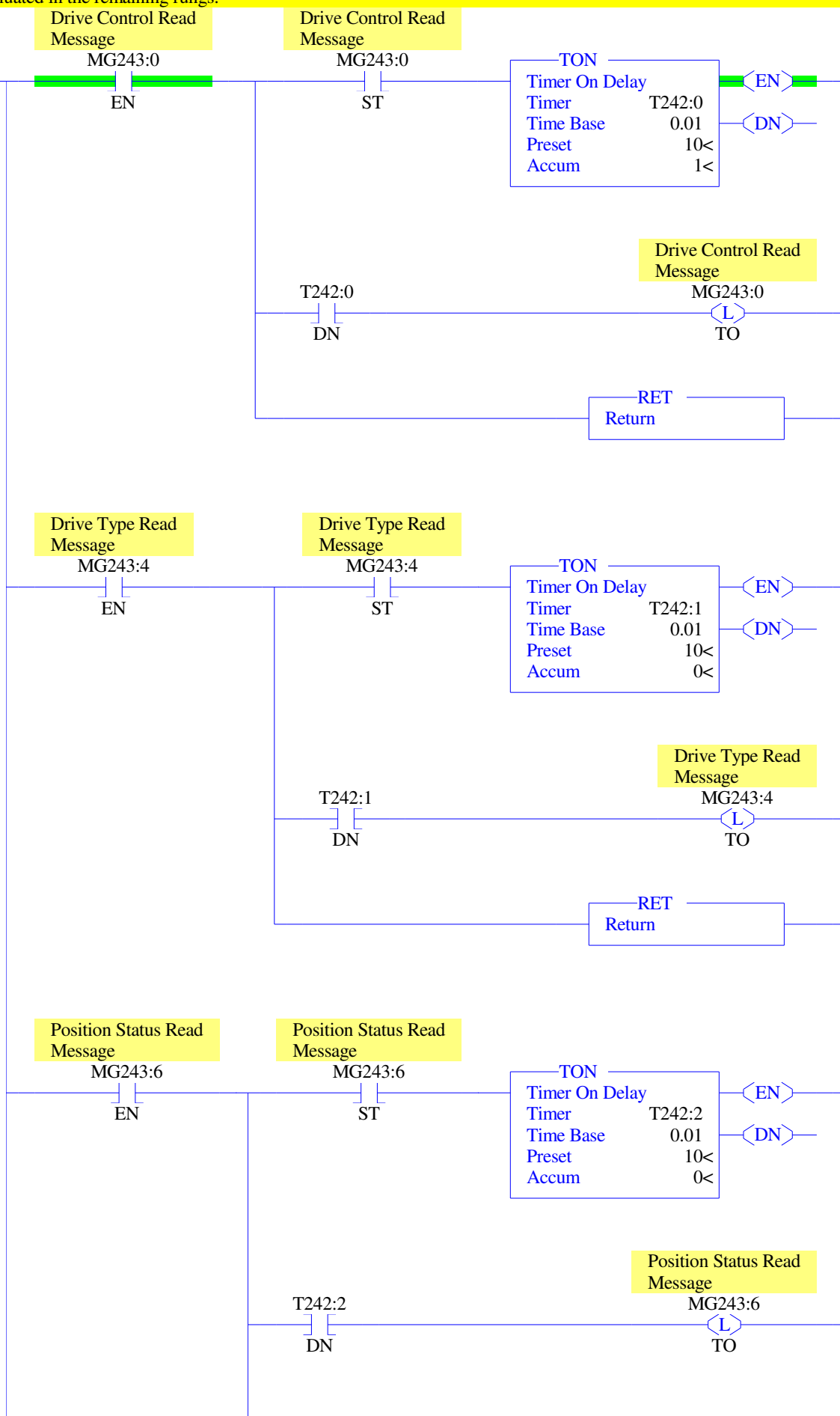


LAD 241 - DRIVE CTRL --- Total Rungs in File = 16

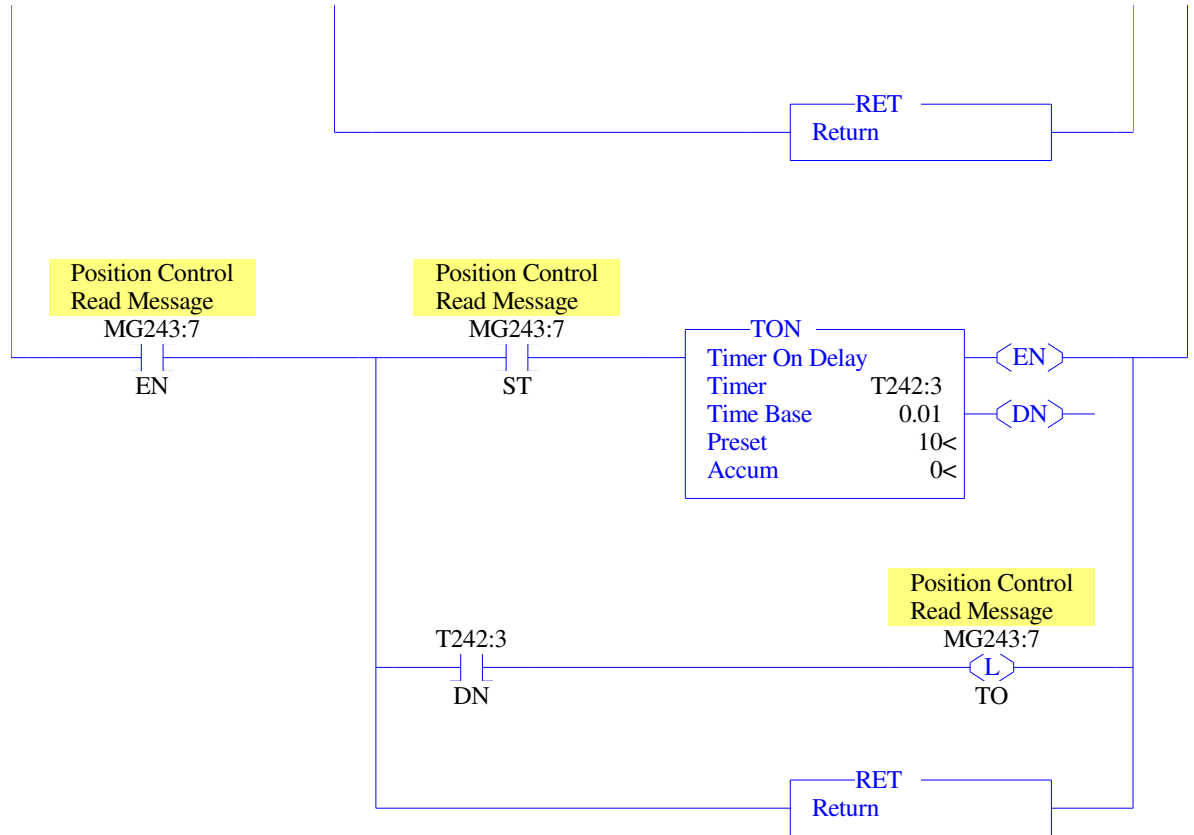


As long as one of the read messages is still executing for the current node, the subroutine ends here. Once the last read message is done executing, then the result can be evaluated in the remaining rungs.

0006

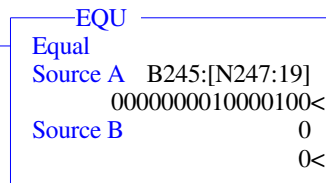
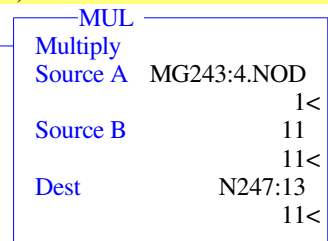
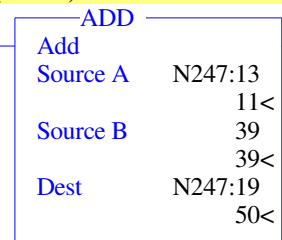


LAD 241 - DRIVE CTRL --- Total Rungs in File = 16



Calculate drive type offset into the drive status file based on the drive node number.

0007

Read File Offset
Math (multiply by
11)Read File Offset
Math for Drive Type
(add 39)

If the Drive Type value was previously 0 and the Drive Type read message completes done, then save the Drive Type value to the appropriate location in the drive status file and increment the node counter.

0008

Drive Type Read
Message

MG243:4

DN

EQU

Equal

Source A B245:[N247:19]

0000000010000100<

Source B

0

0<

Node [#] Responding

B239:[N241:0]

L

1

MOV

Move

Source

N247:20

132<

Dest B245:[N247:19]

0000000010000100<

Node Counter

ADD

Add

Source A

1

1<

Source B

N241:0

1<

Dest

N241:0

1<

Drive Control Read
Message

MOV

Move

Source

247

247<

Dest MG243:0.NOD

1<

Node Counter

EQU

Equal

Source A

N241:0

1<

Source B

9

9<

Node Counter

EQU

Equal

Source A

N241:0

1<

Source B

N241:2

9<

RET

Return

If the Drive Type value is 0 and the Drive Type read message completes in error, then clear the node active, ready and running bits and increment the node counter.

0009

Drive Type Read
Message

MG243:4

ER

EQU

Equal

Source A B245:[N247:19]

0000000010000100<

Source B

0

0<

Node [#] Responding

B239:[N241:0]

U

1

Node [#] Ready

B239:[N241:0]

U

2

Node [#] Running

B239:[N241:0]

U

3

Node Counter

EQU

Equal

Source A N241:0

1<

Source B B246:0

0000000000000001<

Drive Control PVc
Display Control

JSR

Jump To Subroutine
SBR File Number

U:239

Node Counter

ADD

Add

Source A 1

1<

Source B N241:0

1<

Dest N241:0

1<

Node Counter

EQU

Equal

Source A N241:0

1<

Source B

9

9<

Drive Control Read
Message

MOV

Move

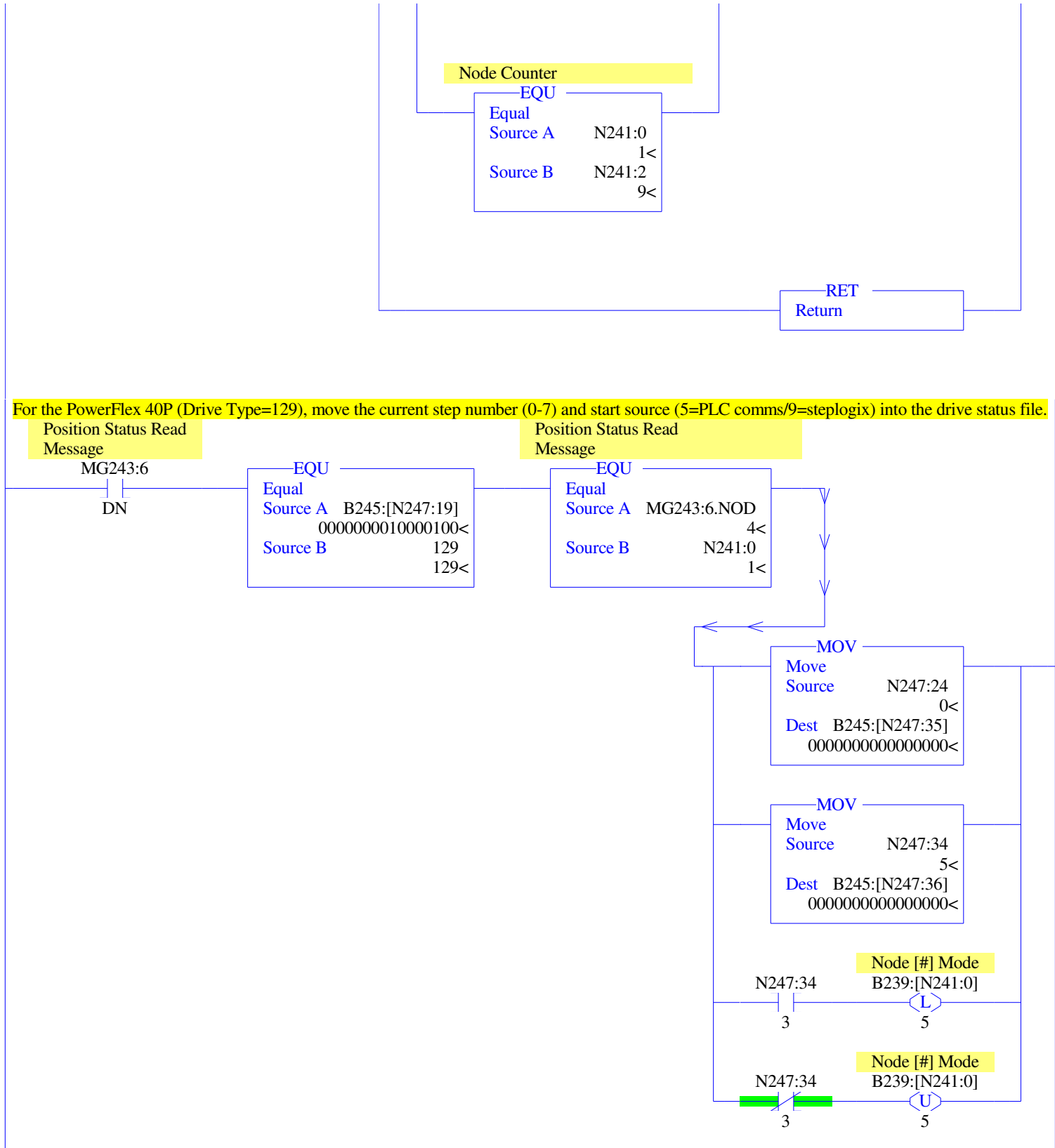
Source 247

247<

Dest MG243:0.NOD

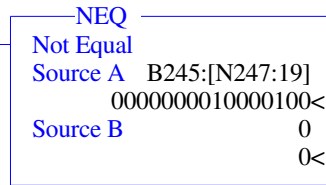
1<

0010

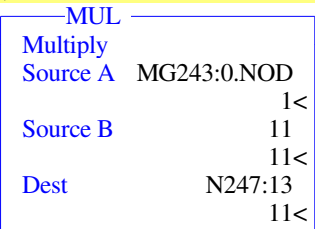


Calculate offsets into the drive status file based on the drive node number.

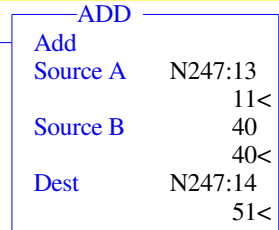
0011



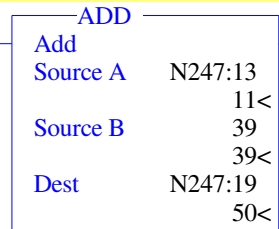
Read File Offset
Math (multiply by
11)



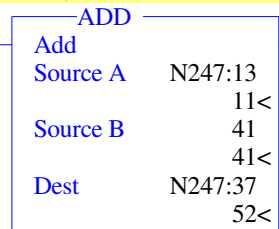
Read File Offset
Math for Status (add
40)



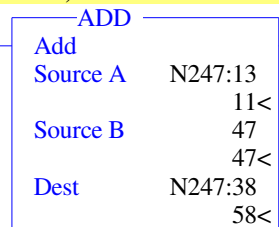
Read File Offset
Math for Drive Type
(add 39)



Read File Offset
Math for Drive Type
(add 41)



Read File Offset
Math for Drive Type
(add 47)



If the read PF4M/4/40/400 status message completes successfully, then copy the data read to the appropriate offset for this node in the drive status file. A successful read sets the active node bit for this drive in the Node Status file. The ready and running bits are also updated in the Node Status file. If this drive is currently being displayed on the HMI, then update the screen data. Finally, the node counter gets incremented.

Drive Control Read
Message

MG243:0

DN

NEQ
Not Equal
Source A B245:[N247:19]
0000000010000100<
Source B 0
0<

NEQ
Not Equal
Source A B245:[N247:19]
0000000010000100<
Source B 129
129<

COP
Copy File
Source #N247:1
Dest #B245:[N247:14]
Length 7

Node [#] Responding
B239:[N241:0]

1

Node [#] Ready
B239:[N241:0]

2

Node [#] Ready
B239:[N241:0]

2

Node [#] Running
B239:[N241:0]

3

Node [#] Running
B239:[N241:0]

3

Node [#] Faulted
B239:[N241:0]

4

Node [#] Faulted
B239:[N241:0]

4

B245:[N247:14]

0

B245:[N247:14]

0

B245:[N247:14]

1

B245:[N247:14]

1

B245:[N247:14]

7

B245:[N247:14]

7

LAD 241 - DRIVE CTRL --- Total Rungs in File = 16

Node Counter

EQU
 Equal
 Source A N241:0
 1<
 Source B B246:0
 0000000000000001<

Current Screen

Node Status

STS_NODESTS

MOV
 Move
 Source B239:[N241:0]
 0000000000000011<
 Dest B245:6
 0000000000000011<

PF4 Class Drive

Type

#STS_DRV_TYPE

COP
 Copy File
 Source #B245:[N247:19]
 Dest #B245:7
 Length 8

Logic Status

#STS_POSSTS

FLL
 Fill File
 Source 0
 Dest #B245:15
 Length 3

Drive Control PVc

Display Control

JSR
 Jump To Subroutine
 SBR File Number U:239

Node Counter

ADD
 Add
 Source A 1
 1<
 Source B N241:0
 1<
 Dest N241:0
 1<

Node Counter

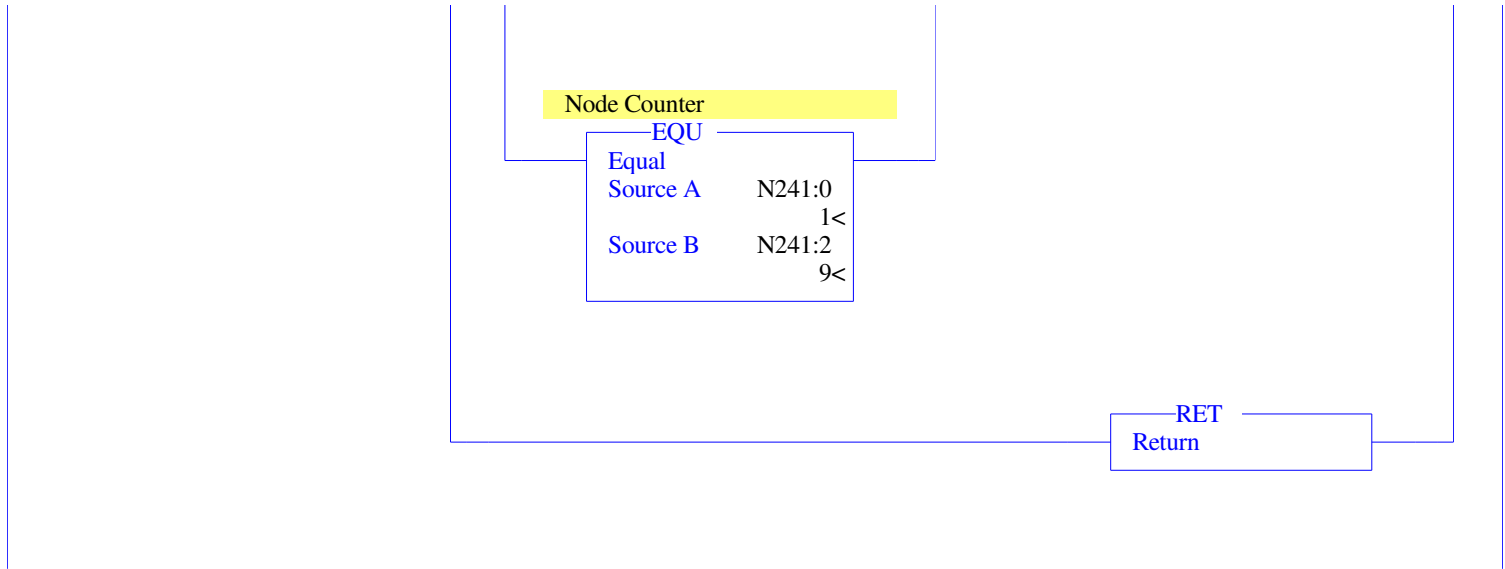
EQU
 Equal
 Source A N241:0
 1<
 Source B 9
 9<

Drive Control Read

Message

MOV
 Move
 Source 247
 247<
 Dest MG243:0.NOD
 1<

LAD 241 - DRIVE CTRL --- Total Rungs in File = 16



If the read PF40 status message completes successfully, then copy the data read to the appropriate offset for this node in the drive status file. A successful read sets the active node bit for this drive in the Node Status file. The ready and running bits are also updated in the Node Status file. If this drive is currently being displayed on the HMI, then update the screen data. Finally, the node counter gets incremented.

0013

Position Control
Read Message

MG243:7

DN

NEQ

Not Equal

Source A B245:[N247:19]
0000000010000100<
Source B 0
0<

EQU

Equal

Source A B245:[N247:19]
0000000010000100<
Source B 129
129<

COP

Copy File

Source #N247:41
Dest #B245:[N247:37]
Length 6

MOV

Move

Source N247:52
1549<
Dest B245:[N247:14]
0000011000000001<

MOV

Move

Source N247:40
77<
Dest B245:[N247:38]
0000000000000000<

Node [#] Responding

B239:[N241:0]

1

B245:[N247:14]

0

Node [#] Ready

B239:[N241:0]

2

B245:[N247:14]

0

Node [#] Ready

B239:[N241:0]

2

B245:[N247:14]

1

Node [#] Running

B239:[N241:0]

3





If the read attempt fails, then clear the node active, ready and running bits and the status data for this drive. If this drive is currently being displayed on the HMI, then update the screen data. Finally, the node counter gets incremented.

0014

Drive Control Read
Message

MG243:0

ER

Position Control
Read Message

MG243:7

ER

NEQ

Not Equal

Source A B245:[N247:19]

0000000010000100<

Source B

0

0<

Node [#] Responding

B239:[N241:0]

1

Node [#] Ready

B239:[N241:0]

2

Node [#] Running

B239:[N241:0]

3

Node [#] Faulted

B239:[N241:0]

4

Node [#] Mode

B239:[N241:0]

5

FLL

Fill File

Source

0

Dest #B245:[N247:14]

Length

10

Node Counter

EQU

Equal

Source A N241:0

1<

Source B B246:0

0000000000000001<

Current Screen

Node Status

#STS_NODESTS

FLL

Fill File

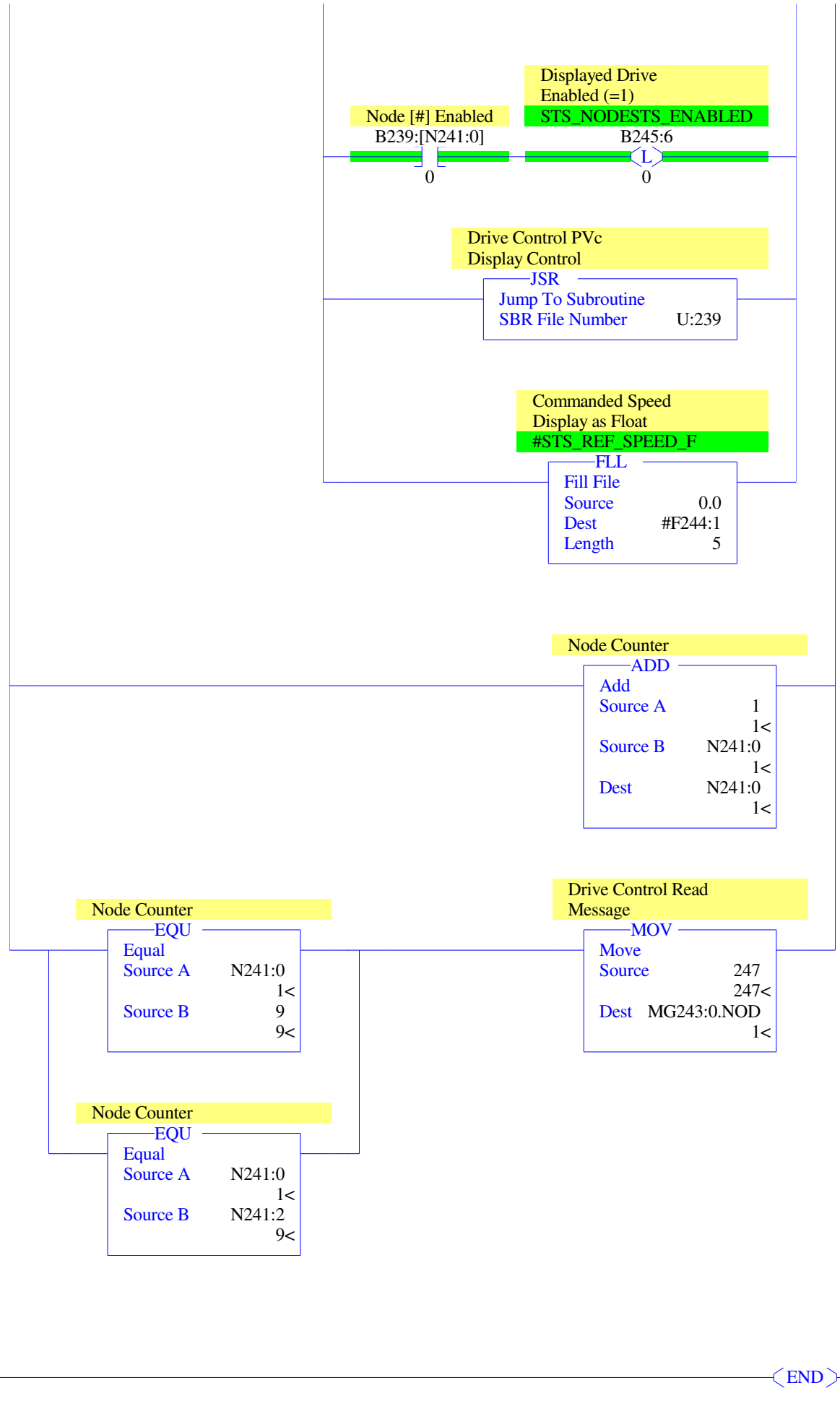
Source

0

Dest #B245:6

Length

12



Data File 00 (bin) -- OUTPUT

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.1766	MicroLogix 1400 Series A		
O:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
O:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
O:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
O:0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
O:0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		

Data File I1 (bin) -- INPUT

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	1	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
I:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
I:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
I:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
I:0.4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	Bul.1766	MicroLogix 1400 Series A		
I:0.5	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	Bul.1766	MicroLogix 1400 Series A		
I:0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		
I:0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1766	MicroLogix 1400 Series A		

Main

Processor Mode S:1/0 - S:1/4 = Remote Run
On Power up Go To Run (Mode Behavior) S:1/12 = 0
First Pass S:1/15 = No
Free Running Clock S:4 = 0000-1000-1110-1111

Proc

OS Catalog Number S:57 = 1400 User Program Type S:63 = 9001h
OS Series S:58 = A 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 = 30
Watchdog (x10 ms) S:3 (high byte) = 10
Last 100 uSec Scan Time S:35 = 11
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 Run
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

Data File S2 (hex) -- STATUS

Forces

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

Data File B3 (bin) -- BINARY

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	1	0	0	0	0	0	0	0	0		

Data File T4 -- TIMER

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

Data File C5 -- COUNTER

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

Data File R6 -- CONTROL

Offset	EN	EU	DN	EM	ER	UL	IN	FD	LEN	POS	(Symbol)	Description
R6:0	0	0	0	0	0	0	0	0	0	1549		

Data File N7 (dec) -- INTEGER

Offset	0	1	2	3	4	5	6	7	8	9
N7:0	0	0								

Data File F8 -- FLOAT

Offset	0	1	2	3	4
F8:0	0				

Data File T238 -- NODE TIMER

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol)	Description
T238:0	1	1	0	.001 sec	32767	37	Comms Scan Cycle Timer	

Data File B239 (bin) -- NODE STS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B239:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	(1_STS_NODE) Node #1 Status Word
B239:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_NODE) Node #2 Status Word
B239:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_NODE) Node #3 Status Word
B239:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_NODE) Node #4 Status Word
B239:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_NODE) Node #5 Status Word
B239:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_NODE) Node #6 Status Word
B239:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_NODE) Node #7 Status Word
B239:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_NODE) Node #8 Status Word
B239:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B239:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B240 (bin) -- NODE CTRL

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B240:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	(CMD_NODE_ENABL_1_15) Enable Nodes 1-15
B240:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_NODE_ENABL_16_30) Enable Nodes 16-30
B240:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_NODE_PRMSV_1_15) Disable Operator Screen
B240:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_NODE_PRMSV_16_30) Disable Operator Screen
B240:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	(CMD_CURRNT_SCRN_NMBR) Current Screen Number f

Data File N241 (dec) -- NODE MISC

Offset	0	1	2	3	4	5	6	7	8	9
N241:0	1	1	9	45	128	0	9			

Data File T242 -- DC TIMERS

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol)	Description
T242:0	1	1	0	.01 sec	10	1		
T242:1	0	0	0	.01 sec	10	0		
T242:2	0	0	0	.01 sec	10	0		
T242:3	0	0	0	.01 sec	10	0		

Data File MG243 -- DC MSGS

Offset	IA	RBL	LBN	RBN	CHN	NOD	MTO	NB	TFT	TFN	ELE	SEL	BK	TO	CO	E
MG243:0	0	0	0	0	0	1	0	7	0	8448	0	0	0	0	0	
MG243:1	0	0	0	0	0	1	1	1	0	8193	0	0	0	0	0	
MG243:2	0	0	0	0	0	1	1	1	0	8192	0	0	0	0	0	
MG243:3	0	0	0	0	0	0	1	1	0	8192	0	0	0	0	0	
MG243:4	0	0	0	0	0	1	0	1	0	16385	0	0	0	0	0	
MG243:5	0	0	0	0	0	4	1	1	0	38	0	0	0	0	0	
MG243:6	0	0	0	0	0	4	0	11	0	28	0	0	0	0	0	
MG243:7	0	0	0	0	0	1	0	13	0	8448	0	0	0	0	0	

Data File F244 -- DC FLOATS

Offset	0	1	2	3	4
F244:0	60	60	0	0	0
F244:5	337				

Data File B245 (bin) -- DC STATUS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B245:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	(STS_DRV_NUMBER) Drive Number Data to Display
B245:1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	(STS_SPEED_DIVISR) Speed Display Divisor
B245:2	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	(STS_AMPS_DIVISR) Amperage Display Divisor
B245:3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	(STS_VOLTS_DIVISR) Voltage Display Divisor
B245:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	(STS_DCBUSV_DIVISR) DC Bus Voltage Display Div
B245:5	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	(STS_SCRN) Current Screen Control Status
B245:6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	(STS_NODESTS) Current Screen Node Status
B245:7	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	(STS_DRV_TYPE) PF4 Class Drive Type
B245:8	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	(STS_DRVSTS) Logic Status
B245:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_FAULT_CODE) Fault Code
B245:10	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	(STS_REF_SPEED) Commanded Speed
B245:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_SPEED_FDBCK) Speed Feedback
B245:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_OUTPT_CURRNT) Output Current
B245:13	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	(STS_DCBUS_VOLTAG) DC Bus Voltage
B245:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_OUTPT_VOLTAG) Output Voltage
B245:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_POSSTS) Logic Status
B245:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_PARM_POS_STEP) b028 Step# of Position Op
B245:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(STS_PARM_SPD_SRC) P038 Speed Source (5=networ
B245:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:50	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	(1_STS_DRV_TYPE) Drv #1 PF4 Class Drive Type
B245:51	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	(1_STS_DRVSTS) Drv #1 Logic Status
B245:52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_FAULT_CODE) Drv #1 Fault Code
B245:53	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	(1_STS_CMD_SPEED) Drv #1 Commanded Speed
B245:54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_SPEED_FDBCK) Drv #1 Speed Feedback
B245:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_OUTPT_CURRNT) Drv #1 Output Current
B245:56	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	(1_STS_DCBUS_VOLTAG) Drv #1 DC Bus Voltage
B245:57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_OUTPT_VOLTAG) Drv #1 Output Voltage
B245:58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_POSSTS) Drv #1 Logic Status
B245:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_PARM_POS_STEP) Drv #1 b028 Step# of Pos
B245:60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_STS_PARM_SPD_SRC) Drv #1 P038 Speed Source
B245:61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_DRV_TYPE) Drv #2 PF4 Class Drive Type
B245:62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_DRVSTS) Drv #2 Logic Status
B245:63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_FAULT_CODE) Drv #2 Fault Code
B245:64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_CMD_SPEED) Drv #2 Commanded Speed
B245:65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_SPEED_FDBCK) Drv #2 Speed Feedback
B245:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_OUTPT_CURRNT) Drv #2 Output Current

Data File B245 (bin) -- DC STATUS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B245:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_DCBUS_VOLTAG) Drv #2 DC Bus Voltage
B245:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_OUTPT_VOLTAG) Drv #2 Output Voltage
B245:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_POSSTS) Drv #2 Logic Status
B245:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_PARM_POS_STEP) Drv #2 b028 Step# of Pos
B245:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_STS_PARM_SPD_SRC) Drv #2 P038 Speed Source
B245:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_DRV_TYPE) Drv #3 PF4 Class Drive Type
B245:73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_DRVSTS) Drv #3 Logic Status
B245:74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_FAULT_CODE) Drv #3 Fault Code
B245:75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_CMD_SPEED) Drv #3 Commanded Speed
B245:76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_SPEED_FDBCK) Drv #3 Speed Feedback
B245:77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_OUTPT_CURRNT) Drv #3 Output Current
B245:78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_DCBUS_VOLTAG) Drv #3 DC Bus Voltage
B245:79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_OUTPT_VOLTAG) Drv #3 Output Voltage
B245:80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_POSSTS) Drv #3 Logic Status
B245:81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_PARM_POS_STEP) Drv #3 b028 Step# of Pos
B245:82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_STS_PARM_SPD_SRC) Drv #3 P038 Speed Source
B245:83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_DRV_TYPE) Drv #4 PF4 Class Drive Type
B245:84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_DRVSTS) Drv #4 Logic Status
B245:85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_FAULT_CODE) Drv #4 Fault Code
B245:86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_CMD_SPEED) Drv #4 Commanded Speed
B245:87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_SPEED_FDBCK) Drv #4 Speed Feedback
B245:88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_OUTPT_CURRNT) Drv #4 Output Current
B245:89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_DCBUS_VOLTAG) Drv #4 DC Bus Voltage
B245:90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_OUTPT_VOLTAG) Drv #4 Output Voltage
B245:91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_POSSTS) Drv #4 Logic Status
B245:92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_PARM_POS_STEP) Drv #4 b028 Step# of Pos
B245:93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_STS_PARM_SPD_SRC) Drv #4 P038 Speed Source
B245:94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_DRV_TYPE) Drv #5 PF4 Class Drive Type
B245:95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_DRVSTS) Drv #5 Logic Status
B245:96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_FAULT_CODE) Drv #5 Fault Code
B245:97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_CMD_SPEED) Drv #5 Commanded Speed
B245:98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_SPEED_FDBCK) Drv #5 Speed Feedback
B245:99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_OUTPT_CURRNT) Drv #5 Output Current
B245:100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_DCBUS_VOLTAG) Drv #5 DC Bus Voltage
B245:101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_OUTPT_VOLTAG) Drv #5 Output Voltage
B245:102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_POSSTS) Drv #5 Logic Status
B245:103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_PARM_POS_STEP) Drv #5 b028 Step# of Pos
B245:104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_STS_PARM_SPD_SRC) Drv #5 P038 Speed Source
B245:105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_DRV_TYPE) Drv #6 PF4 Class Drive Type
B245:106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_DRVSTS) Drv #6 Logic Status
B245:107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_FAULT_CODE) Drv #6 Fault Code
B245:108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_CMD_SPEED) Drv #6 Commanded Speed
B245:109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_SPEED_FDBCK) Drv #6 Speed Feedback
B245:110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_OUTPT_CURRNT) Drv #6 Output Current
B245:111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_DCBUS_VOLTAG) Drv #6 DC Bus Voltage
B245:112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_OUTPT_VOLTAG) Drv #6 Output Voltage
B245:113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_POSSTS) Drv #6 Logic Status
B245:114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_PARM_POS_STEP) Drv #6 b028 Step# of Pos
B245:115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_STS_PARM_SPD_SRC) Drv #6 P038 Speed Source
B245:116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_DRV_TYPE) Drv #7 PF4 Class Drive Type
B245:117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_DRVSTS) Drv #7 Logic Status
B245:118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_FAULT_CODE) Drv #7 Fault Code
B245:119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_CMD_SPEED) Drv #7 Commanded Speed
B245:120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_SPEED_FDBCK) Drv #7 Speed Feedback
B245:121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_OUTPT_CURRNT) Drv #7 Output Current
B245:122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_DCBUS_VOLTAG) Drv #7 DC Bus Voltage
B245:123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_OUTPT_VOLTAG) Drv #7 Output Voltage
B245:124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_POSSTS) Drv #7 Logic Status
B245:125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_PARM_POS_STEP) Drv #7 b028 Step# of Pos
B245:126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_STS_PARM_SPD_SRC) Drv #7 P038 Speed Source
B245:127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_DRV_TYPE) Drv #8 PF4 Class Drive Type
B245:128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_DRVSTS) Drv #8 Logic Status
B245:129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_FAULT_CODE) Drv #8 Fault Code
B245:130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_CMD_SPEED) Drv #8 Commanded Speed
B245:131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_SPEED_FDBCK) Drv #8 Speed Feedback
B245:132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_OUTPT_CURRNT) Drv #8 Output Current
B245:133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_DCBUS_VOLTAG) Drv #8 DC Bus Voltage

Data File B245 (bin) -- DC STATUS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B245:134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_OUTPT_VOLTAG) Drv #8 Output Voltage
B245:135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_POSSTS) Drv #8 Logic Status
B245:136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_PARM_POS_STEP) Drv #8 b028 Step# of Pos
B245:137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_STS_PARM_SPD_SRC) Drv #8 P038 Speed Source
B245:138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B245:201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:222	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:223	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B245:225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B246 (bin) -- DC CMMNDS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B246:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	(CMD_DRV_NUMBER) Drive Number Data to Display
B246:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_SCRN) Current Screen Control
B246:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_OPER_CMD) Operator Command Word
B246:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_OPER_CMD_SPDR) Operator Speed Reference C
B246:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CMD_OPER_SPD_SRC) Operator Speed Source (5=ne
B246:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(0_CMD_PROG_CMD) Broadcast Command Word
B246:51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(0_CMD_CMD_CMPAR) Broadcast Command Word Compa
B246:52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_CMD_PROG_CMD) Drv #1 Command Word
B246:53	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	(1_CMD_PROG_CMD_SPDR) Drv #1 Speed Reference
B246:54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_CMD_PROG_SPD_SRC) Drv #1 Speed Source (5=ne
B246:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_CMD_CMD_CMPAR) Drv #1 Command Word Compare
B246:56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(1_CMD_SPD_SRC_CMPAR) Drv #1 Speed Source Word
B246:57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_CMD_PROG_CMD) Drv #2 Command Word
B246:58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_CMD_PROG_CMD_SPDR) Drv #2 Speed Reference
B246:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_CMD_PROG_SPD_SRC) Drv #2 Speed Source (5=ne
B246:60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_CMD_CMD_CMPAR) Drv #2 Command Word Compare
B246:61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(2_CMD_SPD_SRC_CMPAR) Drv #2 Speed Source Word
B246:62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_CMD_PROG_CMD) Drv #3 Command Word
B246:63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_CMD_PROG_CMD_SPDR) Drv #3 Speed Reference
B246:64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_CMD_PROG_SPD_SRC) Drv #3 Speed Source (5=ne
B246:65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_CMD_CMD_CMPAR) Drv #3 Command Word Compare
B246:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3_CMD_SPD_SRC_CMPAR) Drv #3 Speed Source Word

Data File B246 (bin) -- DC CMMNDS

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B246:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_CMD_PROG_CMD) Drv #4 Command Word
B246:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_CMD_PROG_CMD_SPDR) Drv #4 Speed Reference
B246:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_CMD_PROG_SPD_SRC) Drv #4 Speed Source (5=ne
B246:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_CMD_CMD_CMPAR) Drv #4 Command Word Compare
B246:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(4_CMD_SPD_SRC_CMPAR) Drv #4 Speed Source Word
B246:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_CMD_PROG_CMD) Drv #5 Command Word
B246:73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_CMD_PROG_CMD_SPDR) Drv #5 Speed Reference
B246:74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_CMD_PROG_SPD_SRC) Drv #5 Speed Source (5=ne
B246:75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_CMD_CMD_CMPAR) Drv #5 Command Word Compare
B246:76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(5_CMD_SPD_SRC_CMPAR) Drv #5 Speed Source Word
B246:77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_CMD_PROG_CMD) Drv #6 Command Word
B246:78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_CMD_PROG_CMD_SPDR) Drv #6 Speed Reference
B246:79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_CMD_PROG_SPD_SRC) Drv #6 Speed Source (5=ne
B246:80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_CMD_CMD_CMPAR) Drv #6 Command Word Compare
B246:81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(6_CMD_SPD_SRC_CMPAR) Drv #6 Speed Source Word
B246:82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_CMD_PROG_CMD) Drv #7 Command Word
B246:83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_CMD_PROG_CMD_SPDR) Drv #7 Speed Reference
B246:84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_CMD_PROG_SPD_SRC) Drv #7 Speed Source (5=ne
B246:85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_CMD_CMD_CMPAR) Drv #7 Command Word Compare
B246:86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(7_CMD_SPD_SRC_CMPAR) Drv #7 Speed Source Word
B246:87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_CMD_PROG_CMD) Drv #8 Command Word
B246:88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_CMD_PROG_CMD_SPDR) Drv #8 Speed Reference
B246:89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_CMD_PROG_SPD_SRC) Drv #8 Speed Source (5=ne
B246:90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_CMD_CMD_CMPAR) Drv #8 Command Word Compare
B246:91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(8_CMD_SPD_SRC_CMPAR) Drv #8 Speed Source Word
B246:92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B246:131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File N247 (dec) -- DC MISC

Offset	0	1	2	3	4	5	6	7	8	9
N247:0	0	1537	0	600	0	0	337	0	0	600
N247:10	5	53	52	11	51	53	55	52	50	50
N247:20	132	54	56	5	0	0	0	230	60	23
N247:30	0	6000	5	0	5	59	60	52	58	0
N247:40	77	0	79	0	0	327	0	0	0	0
N247:50	0	0	1549	5	52					

Data File N255 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N255:0	0	0	0	0	0	0	0	0	0	0
N255:10	0	0	0	0	0	0	0	0	0	0
N255:20	0	0	0	0	0	0	0	0	0	0
N255:30	0	0	0	0	0	0	0	0	0	0
N255:40	0	0	0	0	0	0	0	0	0	0
N255:50	0	0	0	0	0	0	0	0	0	0
N255:60	0	0	0	0	0	0	0	0	0	0
N255:70	0	0	0	0	0	0	0	0	0	0
N255:80	0	0	0	0	0	0	0	0	0	0
N255:90	0	0	0	0	0	0	0	0	0	0
N255:100	0	0	0	0	0	0	0	0	0	0
N255:110	0	0	0	0	0	0	0	0	0	0
N255:120	0	0	0	0	0	0	0	0	0	0
N255:130	0	0	0	0	0	0	0	0	0	0
N255:140	0	0	0	0	0	0	0	0	0	0
N255:150	0	0	0	0	0	0	0	0	0	0
N255:160	0	0	0	0	0	0	0	0	0	0
N255:170	0	0	0	0	0	0	0	0	0	0
N255:180	0	0	0	0	0	0	0	0	0	0
N255:190	0	0	0	0	0	0	0	0	0	0
N255:200	0	0	0	0	0	0	0	0	0	0
N255:210	0	0	0	0	0	0	0	0	0	0
N255:220	0	0	0	0	0	0	0	0	0	0
N255:230	0	0	0	0	0	0	0	0	0	0
N255:240	0	0	0	0	0	0	0	0	0	0
N255:250	0	0	0	0	0	0				

Address (Symbol) = Value [Description]

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B3:0/1			Machine Running Bit	
B3:0/8			Machine Stopping Bit	
B239:1	1_STS_NODE	Global	Node #1 Status Word	
B239:1/0	1_STS_NODE_ENABLED	Global	Node #1 Enabled (=1)	
B239:1/1	1_STS_NODE_RSPNDING	Global	Node #1 Responding (=1)	
B239:1/2	1_STS_NODE_READY	Global	Node #1 Ready (=1)	
B239:1/3	1_STS_NODE_RUNNING	Global	Node #1 Running (=1)	
B239:1/4	1_STS_NODE_FAULTED	Global	Node #1 Faulted (=1)	
B239:1/5	1_STS_NODE_MODE	Global	Node #1 (0=Speed,1=Position)	
B239:2	2_STS_NODE	Global	Node #2 Status Word	
B239:2/0	2_STS_NODE_ENABLED	Global	Node #2 Enabled (=1)	
B239:2/1	2_STS_NODE_RSPNDING	Global	Node #2 Responding (=1)	
B239:2/2	2_STS_NODE_READY	Global	Node #2 Ready (=1)	
B239:2/3	2_STS_NODE_RUNNING	Global	Node #2 Running (=1)	
B239:2/4	2_STS_NODE_FAULTED	Global	Node #2 Faulted (=1)	
B239:2/5	2_STS_NODE_MODE	Global	Node #2 (0=Speed,1=Position)	
B239:3	3_STS_NODE	Global	Node #3 Status Word	
B239:3/0	3_STS_NODE_ENABLED	Global	Node #3 Enabled (=1)	
B239:3/1	3_STS_NODE_RSPNDING	Global	Node #3 Responding (=1)	
B239:3/2	3_STS_NODE_READY	Global	Node #3 Ready (=1)	
B239:3/3	3_STS_NODE_RUNNING	Global	Node #3 Running (=1)	
B239:3/4	3_STS_NODE_FAULTED	Global	Node #3 Faulted (=1)	
B239:3/5	3_STS_NODE_MODE	Global	Node #3 (0=Speed,1=Position)	
B239:4	4_STS_NODE	Global	Node #4 Status Word	
B239:4/0	4_STS_NODE_ENABLED	Global	Node #4 Enabled (=1)	
B239:4/1	4_STS_NODE_RSPNDING	Global	Node #4 Responding (=1)	
B239:4/2	4_STS_NODE_READY	Global	Node #4 Ready (=1)	
B239:4/3	4_STS_NODE_RUNNING	Global	Node #4 Running (=1)	
B239:4/4	4_STS_NODE_FAULTED	Global	Node #4 Faulted (=1)	
B239:4/5	4_STS_NODE_MODE	Global	Node #4 (0=Speed,1=Position)	
B239:5	5_STS_NODE	Global	Node #5 Status Word	
B239:5/0	5_STS_NODE_ENABLED	Global	Node #5 Enabled (=1)	
B239:5/1	5_STS_NODE_RSPNDING	Global	Node #5 Responding (=1)	
B239:5/2	5_STS_NODE_READY	Global	Node #5 Ready (=1)	
B239:5/3	5_STS_NODE_RUNNING	Global	Node #5 Running (=1)	
B239:5/4	5_STS_NODE_FAULTED	Global	Node #5 Faulted (=1)	
B239:5/5	5_STS_NODE_MODE	Global	Node #5 (0=Speed,1=Position)	
B239:6	6_STS_NODE	Global	Node #6 Status Word	
B239:6/0	6_STS_NODE_ENABLED	Global	Node #6 Enabled (=1)	
B239:6/1	6_STS_NODE_RSPNDING	Global	Node #6 Responding (=1)	
B239:6/2	6_STS_NODE_READY	Global	Node #6 Ready (=1)	
B239:6/3	6_STS_NODE_RUNNING	Global	Node #6 Running (=1)	
B239:6/4	6_STS_NODE_FAULTED	Global	Node #6 Faulted (=1)	
B239:6/5	6_STS_NODE_MODE	Global	Node #6 (0=Speed,1=Position)	
B239:7	7_STS_NODE	Global	Node #7 Status Word	
B239:7/0	7_STS_NODE_ENABLED	Global	Node #7 Enabled (=1)	
B239:7/1	7_STS_NODE_RSPNDING	Global	Node #7 Responding (=1)	
B239:7/2	7_STS_NODE_READY	Global	Node #7 Ready (=1)	
B239:7/3	7_STS_NODE_RUNNING	Global	Node #7 Running (=1)	
B239:7/4	7_STS_NODE_FAULTED	Global	Node #7 Faulted (=1)	
B239:7/5	7_STS_NODE_MODE	Global	Node #7 (0=Speed,1=Position)	
B239:8	8_STS_NODE	Global	Node #8 Status Word	
B239:8/0	8_STS_NODE_ENABLED	Global	Node #8 Enabled (=1)	
B239:8/1	8_STS_NODE_RSPNDING	Global	Node #8 Responding (=1)	
B239:8/2	8_STS_NODE_READY	Global	Node #8 Ready (=1)	
B239:8/3	8_STS_NODE_RUNNING	Global	Node #8 Running (=1)	
B239:8/4	8_STS_NODE_FAULTED	Global	Node #8 Faulted (=1)	
B239:8/5	8_STS_NODE_MODE	Global	Node #8 (0=Speed,1=Position)	
B239:[N241:0]/0			Node [#] Enabled	
B239:[N241:0]/1			Node [#] Responding	
B239:[N241:0]/2			Node [#] Ready	
B239:[N241:0]/3			Node [#] Running	
B239:[N241:0]/4			Node [#] Faulted	
B239:[N241:0]/5			Node [#] Mode	
B239:[N241:6]/0			Node [#] Enabled	
B240:0	CMD_NODE_ENABL_1_15	Global	Enable Nodes 1-15	
B240:0/0				
B240:0/1	1_CMD_NODE_ENABL	Global	Enable Node # 1	
B240:0/2	2_CMD_NODE_ENABL	Global	Enable Node # 2	
B240:0/3	3_CMD_NODE_ENABL	Global	Enable Node # 3	
B240:0/4	4_CMD_NODE_ENABL	Global	Enable Node # 4	
B240:0/5	5_CMD_NODE_ENABL	Global	Enable Node # 5	
B240:0/6	6_CMD_NODE_ENABL	Global	Enable Node # 6	
B240:0/7	7_CMD_NODE_ENABL	Global	Enable Node # 7	
B240:0/8	8_CMD_NODE_ENABL	Global	Enable Node # 8	
B240:0/9	9_CMD_NODE_ENABL	Global	Enable Node # 9	
B240:0/10	10_CMD_NODE_ENABL	Global	Enable Node # 10	
B240:0/11	11_CMD_NODE_ENABL	Global	Enable Node # 11	
B240:0/12	12_CMD_NODE_ENABL	Global	Enable Node # 12	
B240:0/13	13_CMD_NODE_ENABL	Global	Enable Node # 13	
B240:0/14	14_CMD_NODE_ENABL	Global	Enable Node # 14	
B240:0/15	15_CMD_NODE_ENABL	Global	Enable Node # 15	
B240:1	CMD_NODE_ENABL_16_30	Global	Enable Nodes 16-30	
B240:1/0	16_CMD_NODE_ENABL	Global	Enable Node # 16	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B240:1/1	17_CMD_NODE_ENABL	Global	Enable Node # 17	
B240:1/2	18_CMD_NODE_ENABL	Global	Enable Node # 18	
B240:1/3	19_CMD_NODE_ENABL	Global	Enable Node # 19	
B240:1/4	20_CMD_NODE_ENABL	Global	Enable Node # 20	
B240:1/5	21_CMD_NODE_ENABL	Global	Enable Node # 21	
B240:1/6	22_CMD_NODE_ENABL	Global	Enable Node # 22	
B240:1/7	23_CMD_NODE_ENABL	Global	Enable Node # 23	
B240:1/8	24_CMD_NODE_ENABL	Global	Enable Node # 24	
B240:1/9	25_CMD_NODE_ENABL	Global	Enable Node # 25	
B240:1/10	26_CMD_NODE_ENABL	Global	Enable Node # 26	
B240:1/11	27_CMD_NODE_ENABL	Global	Enable Node # 27	
B240:1/12	28_CMD_NODE_ENABL	Global	Enable Node # 28	
B240:1/13	29_CMD_NODE_ENABL	Global	Enable Node # 29	
B240:1/14	30_CMD_NODE_ENABL	Global	Enable Node # 30	
B240:2	CMD_NODE_PRMSV_1_15	Global	Disable Operator Screen Mode Nodes 1-15	
B240:2/1	1_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 1	
B240:2/2	2_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 2	
B240:2/3	3_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 3	
B240:2/4	4_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 4	
B240:2/5	5_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 5	
B240:2/6	6_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 6	
B240:2/7	7_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 7	
B240:2/8	8_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 8	
B240:2/9	9_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 9	
B240:2/10	10_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 10	
B240:2/11	11_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 11	
B240:2/12	12_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 12	
B240:2/13	13_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 13	
B240:2/14	14_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 14	
B240:2/15	15_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 15	
B240:3	CMD_NODE_PRMSV_16_30	Global	Disable Operator Screen Mode Nodes 16-30	
B240:3/0	16_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 16	
B240:3/1	17_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 17	
B240:3/2	18_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 18	
B240:3/3	19_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 19	
B240:3/4	20_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 20	
B240:3/5	21_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 21	
B240:3/6	22_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 22	
B240:3/7	23_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 23	
B240:3/8	24_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 24	
B240:3/9	25_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 25	
B240:3/10	26_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 26	
B240:3/11	27_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 27	
B240:3/12	28_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 28	
B240:3/13	29_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 29	
B240:3/14	30_CMD_NODE_PRMSV	Global	Disable Operator Screen Mode Node # 30	
B240:4	CMD_CURRNT_SCRN_NMBR	Global	Current Screen Number from HMI	
B245:0	STS_DRV_NUMBER	Global	Drive Number Data to Display	
B245:1	STS_SPEED_DIVISR	Global	Speed Display Divisor	
B245:2	STS_AMPS_DIVISR	Global	Amperage Display Divisor	
B245:3	STS_VOLTS_DIVISR	Global	Voltage Display Divisor	
B245:4	STS_DCBUSV_DIVISR	Global	DC Bus Voltage Display Divisor	
B245:5	STS_SCRN	Global	Current Screen Control Status	
B245:5/0	STS_SCRN_OPER	Global	Screen Mode Operator Oper(=1)/Prog(=0)	
B245:5/1	STS_SCRN_PROG	Global	Screen Mode Program Oper(=0)/Prog(=1)	
B245:5/2	STS_SCRN_VEL	Global	Screen Mode Velocity Vel(=1)/Pos(=0)	
B245:5/3	STS_SCRN_POS	Global	Screen Mode Position Vel(=0)/Pos(=1)	
B245:5/4	STS_SCRN_OPER_FLT	Global	Screen Mode Operator AND Fault = 1	
B245:5/5	STS_SCRN_OPER_VEL	Global	Screen Mode Operator AND Velocity = 1	
B245:5/6	STS_SCRN_OPER_POS	Global	Screen Mode Operator AND Position = 1	
B245:5/7	STS_SCRN_OPER_STOPPD	Global	Screen Mode Operator AND Drv Stopped = 1	
B245:5/8	STS_SCRN_PROG_VEL	Global	Screen Mode Program AND Velocity = 1	
B245:6	STS_NODESTS	Global	Current Screen Node Status	
B245:6/0	STS_NODESTS_ENABLED	Global	Displayed Drive Enabled (=1)	
B245:6/1	STS_NODESTS_RSPNDING	Global	Displayed Drive Responding (=1)	
B245:6/2	STS_NODESTS_READY	Global	Displayed Drive Ready (=1)	
B245:6/3	STS_NODESTS_RUNNING	Global	Displayed Drive Running (=1)	
B245:6/4	STS_NODESTS_FAULTED	Global	Displayed Drive Faulted (=1)	
B245:7	STS_DRV_TYPE	Global	PF4 Class Drive Type	
B245:8	STS_DRVSTS	Global	Logic Status	
B245:8/0	STS_DRVSTS_READY	Global	Ready (=1)	
B245:8/1	STS_DRVSTS_ACTIV	Global	Active (=1)	
B245:8/2	STS_DRVSTS_CMDDIR	Global	Commanded Direction (1=FWD, 0=REV)	
B245:8/3	STS_DRVSTS_ROTDIR	Global	Rotating Direction (1=FWD, 0=REV)	
B245:8/4	STS_DRVSTS_ACCEL	Global	Accelerating (=1)	
B245:8/5	STS_DRVSTS_DECEL	Global	Decelerating (=1)	
B245:8/6	STS_DRVSTS_ALARM	Global	In Alarm (=1)	
B245:8/7	STS_DRVSTS_FAULT	Global	Faulted (=1)	
B245:8/8	STS_DRVSTS_ATREF	Global	At Reference (=1)	
B245:8/9	STS_DRVSTS_REFCC	Global	Reference Controlled by Comm	
B245:8/10	STS_DRVSTS_CMDCC	Global	Operation Cmd Controlled by Comm	
B245:8/11	STS_DRVSTS_PARLK	Global	Parameters have been locked	
B245:8/12	STS_DRVSTS_INP1	Global	Digital Input 1 Status	
B245:8/13	STS_DRVSTS_INP2	Global	Digital Input 2 Status	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B245:8/14	STS_DRVSTS_INP3	Global	Digital Input 3 Status	
B245:8/15	STS_DRVSTS_INP4	Global	Digital Input 4 Status	
B245:9	STS_FAULT_CODE	Global	Fault Code	
B245:10	STS_REF_SPEED	Global	Commanded Speed	
B245:11	STS_SPEED_FDBCK	Global	Speed Feedback	
B245:12	STS_OUTPT_CURRNT	Global	Output Current	
B245:13	STS_DCBUS_VOLTAG	Global	DC Bus Voltage	
B245:14	STS_OUTPT_VOLTAG	Global	Output Voltage	
B245:15	STS_POSSTS	Global	Logic Status	
B245:15/0	STS_POSSTS_READY	Global	Ready	
B245:15/1	STS_POSSTS_ACTIV	Global	Active	
B245:15/2	STS_POSSTS_CMDDIR	Global	Commanded Direction (1=FWD, 0=REV)	
B245:15/3	STS_POSSTS_ROTDIR	Global	Rotating Direction (1=FWD, 0=REV)	
B245:15/4	STS_POSSTS_ACCEL	Global	Accelerating (=1)	
B245:15/5	STS_POSSTS_DECEL	Global	Decelerating (=1)	
B245:15/6	STS_POSSTS_TRVPOS	Global	Travel Position (1=FWD, 0=REV)	
B245:15/7	STS_POSSTS_FAULT	Global	Faulted (=1)	
B245:15/8	STS_POSSTS_ATREF	Global	At Reference (=1)	
B245:15/9	STS_POSSTS_ATPOS	Global	At Position (=1)	
B245:15/10	STS_POSSTS_ATHOME	Global	At Home (=1)	
B245:15/11	STS_POSSTS_HOMED	Global	Drive Homed (=1)	
B245:15/12	STS_POSSTS_SNCHLD	Global	Sync Hold (=1)	
B245:15/13	STS_POSSTS_SNCRMP	Global	Sync Ramp (=1)	
B245:15/14	STS_POSSTS_TRAVON	Global	Traverse On (=1)	
B245:15/15	STS_POSSTS_TRAVDE	Global	Traverse Decel (=1)	
B245:16	STS_PARM_POS_STEP	Global	b028 Step# of Position Operation	
B245:17	STS_PARM_SPD_SRC	Global	P038 Speed Source (5=network) (9=positioning)	
B245:50	1_STS_DRV_TYPE	Global	Drv #1 PF4 Class Drive Type	
B245:51	1_STS_DRVSTS	Global	Drv #1 Logic Status	
B245:51/0	1_STS_DRVSTS_READY	Global	Drv #1 Ready	
B245:51/1	1_STS_DRVSTS_ACTIV	Global	Drv #1 Active	
B245:51/2	1_STS_DRVSTS_CMDDIR	Global	Drv #1 Commanded Direction (1=FWD, 0=REV)	
B245:51/3	1_STS_DRVSTS_ROTDIR	Global	Drv #1 Rotating Direction (1=FWD, 0=REV)	
B245:51/4	1_STS_DRVSTS_ACCEL	Global	Drv #1 Accelerating	
B245:51/5	1_STS_DRVSTS_DECEL	Global	Drv #1 Decelerating	
B245:51/6	1_STS_DRVSTS_ALARM	Global	Drv #1 Alarm	
B245:51/7	1_STS_DRVSTS_FAULT	Global	Drv #1 Faulted	
B245:51/8	1_STS_DRVSTS_ATREF	Global	Drv #1 At Reference	
B245:51/9	1_STS_DRVSTS_REFCC	Global	Drv #1 Reference Controlled by Comm	
B245:51/10	1_STS_DRVSTS_CMDCC	Global	Drv #1 Operation Cmd Controlled by Comm	
B245:51/11	1_STS_DRVSTS_PARLK	Global	Drv #1 Parameters have been locked	
B245:51/12	1_STS_DRVSTS_DGIN1	Global	Drv #1 Digital Input 1 Status	
B245:51/13	1_STS_DRVSTS_DGIN2	Global	Drv #1 Digital Input 2 Status	
B245:51/14	1_STS_DRVSTS_DGIN3	Global	Drv #1 Digital Input 3 Status	
B245:51/15	1_STS_DRVSTS_DGIN4	Global	Drv #1 Digital Input 4 Status	
B245:52	1_STS_FAULT_CODE	Global	Drv #1 Fault Code	
B245:53	1_STS_CMD_SPEED	Global	Drv #1 Commanded Speed	
B245:54	1_STS_SPEED_FDBCK	Global	Drv #1 Speed Feedback	
B245:55	1_STS_OUTPT_CURRNT	Global	Drv #1 Output Current	
B245:56	1_STS_DCBUS_VOLTAG	Global	Drv #1 DC Bus Voltage	
B245:57	1_STS_OUTPT_VOLTAG	Global	Drv #1 Output Voltage	
B245:58	1_STS_POSSTS	Global	Drv #1 Logic Status	
B245:58/0	1_STS_POSSTS_READY	Global	Drv #1 Ready	
B245:58/1	1_STS_POSSTS_ACTIV	Global	Drv #1 Active	
B245:58/2	1_STS_POSSTS_CMDDIR	Global	Drv #1 Commanded Direction (1=FWD, 0=REV)	
B245:58/3	1_STS_POSSTS_ROTDIR	Global	Drv #1 Rotating Direction (1=FWD, 0=REV)	
B245:58/4	1_STS_POSSTS_ACCEL	Global	Drv #1 Accelerating (=1)	
B245:58/5	1_STS_POSSTS_DECEL	Global	Drv #1 Decelerating (=1)	
B245:58/6	1_STS_POSSTS_TRVPOS	Global	Drv #1 Travel Position (1=FWD, 0=REV)	
B245:58/7	1_STS_POSSTS_FAULT	Global	Drv #1 Faulted (=1)	
B245:58/8	1_STS_POSSTS_ATREF	Global	Drv #1 At Reference (=1)	
B245:58/9	1_STS_POSSTS_ATPOS	Global	Drv #1 At Position (=1)	
B245:58/10	1_STS_POSSTS_ATHOME	Global	Drv #1 At Home (=1)	
B245:58/11	1_STS_POSSTS_HOMED	Global	Drv #1 Drive Homed (=1)	
B245:58/12	1_STS_POSSTS_SNCHLD	Global	Drv #1 Sync Hold (=1)	
B245:58/13	1_STS_POSSTS_SNCRMP	Global	Drv #1 Sync Ramp (=1)	
B245:58/14	1_STS_POSSTS_TRAVON	Global	Drv #1 Traverse On (=1)	
B245:58/15	1_STS_POSSTS_TRAVDE	Global	Drv #1 Traverse Decel (=1)	
B245:59	1_STS_PARM_POS_STEP	Global	Drv #1 b028 Step# of Position Operation	
B245:60	1_STS_PARM_SPD_SRC	Global	Drv #1 P038 Speed Source (5=network) (9=positioning)	
B245:61	2_STS_DRV_TYPE	Global	Drv #2 PF4 Class Drive Type	
B245:62	2_STS_DRVSTS	Global	Drv #2 Logic Status	
B245:62/0	2_STS_DRVSTS_READY	Global	Drv #2 Ready	
B245:62/1	2_STS_DRVSTS_ACTIV	Global	Drv #2 Active	
B245:62/2	2_STS_DRVSTS_CMDDIR	Global	Drv #2 Commanded Direction (1=FWD, 0=REV)	
B245:62/3	2_STS_DRVSTS_ROTDIR	Global	Drv #2 Rotating Direction (1=FWD, 0=REV)	
B245:62/4	2_STS_DRVSTS_ACCEL	Global	Drv #2 Accelerating	
B245:62/5	2_STS_DRVSTS_DECEL	Global	Drv #2 Decelerating	
B245:62/6	2_STS_DRVSTS_ALARM	Global	Drv #2 Alarm	
B245:62/7	2_STS_DRVSTS_FAULT	Global	Drv #2 Faulted	
B245:62/8	2_STS_DRVSTS_ATREF	Global	Drv #2 At Reference	
B245:62/9	2_STS_DRVSTS_REFCC	Global	Drv #2 Reference Controlled by Comm	
B245:62/10	2_STS_DRVSTS_CMDCC	Global	Drv #2 Operation Cmd Controlled by Comm	
B245:62/11	2_STS_DRVSTS_PARLK	Global	Drv #2 Parameters have been locked	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B245:62/12	2_STS_DRVSTS_DGIN1	Global	Drv #2 Digital Input 1 Status	
B245:62/13	2_STS_DRVSTS_DGIN2	Global	Drv #2 Digital Input 2 Status	
B245:62/14	2_STS_DRVSTS_DGIN3	Global	Drv #2 Digital Input 3 Status	
B245:62/15	2_STS_DRVSTS_DGIN4	Global	Drv #2 Digital Input 4 Status	
B245:63	2_STS_FAULT_CODE	Global	Drv #2 Fault Code	
B245:64	2_STS_CMD_SPEED	Global	Drv #2 Commanded Speed	
B245:65	2_STS_SPEED_FDBCK	Global	Drv #2 Speed Feedback	
B245:66	2_STS_OUTPT_CURRNT	Global	Drv #2 Output Current	
B245:67	2_STS_DCBUS_VOLTAG	Global	Drv #2 DC Bus Voltage	
B245:68	2_STS_OUTPT_VOLTAG	Global	Drv #2 Output Voltage	
B245:69	2_STS_POSSTS	Global	Drv #2 Logic Status	
B245:69/0	2_STS_POSSTS_READY	Global	Drv #2 Ready	
B245:69/1	2_STS_POSSTS_ACTIV	Global	Drv #2 Active	
B245:69/2	2_STS_POSSTS_CMDDIR	Global	Drv #2 Commanded Direction (1=FWD, 0=REV)	
B245:69/3	2_STS_POSSTS_ROTDIR	Global	Drv #2 Rotating Direction (1=FWD, 0=REV)	
B245:69/4	2_STS_POSSTS_ACCEL	Global	Drv #2 Accelerating (=1)	
B245:69/5	2_STS_POSSTS_DECEL	Global	Drv #2 Decelerating (=1)	
B245:69/6	2_STS_POSSTS_TRVPOS	Global	Drv #2 Travel Position (1=FWD, 0=REV)	
B245:69/7	2_STS_POSSTS_FAULT	Global	Drv #2 Faulted (=1)	
B245:69/8	2_STS_POSSTS_ATREF	Global	Drv #2 At Reference (=1)	
B245:69/9	2_STS_POSSTS_ATPOS	Global	Drv #2 At Position (=1)	
B245:69/10	2_STS_POSSTS_ATHOME	Global	Drv #2 At Home (=1)	
B245:69/11	2_STS_POSSTS_HOMED	Global	Drv #2 Drive Homed (=1)	
B245:69/12	2_STS_POSSTS_SNCHLD	Global	Drv #2 Sync Hold (=1)	
B245:69/13	2_STS_POSSTS_SNCRMP	Global	Drv #2 Sync Ramp (=1)	
B245:69/14	2_STS_POSSTS_TRAVON	Global	Drv #2 Traverse On (=1)	
B245:69/15	2_STS_POSSTS_TRAVDE	Global	Drv #2 Traverse Decel (=1)	
B245:70	2_STS_PARM_POS_STEP	Global	Drv #2 b028 Step# of Position Operation	
B245:71	2_STS_PARM_SPD_SRC	Global	Drv #2 P038 Speed Source (5=network) (9=positioning)	
B245:72	3_STS_DRV_TYPE	Global	Drv #3 PF4 Class Drive Type	
B245:73	3_STS_DRVSTS	Global	Drv #3 Logic Status	
B245:73/0	3_STS_DRVSTS_READY	Global	Drv #3 Ready	
B245:73/1	3_STS_DRVSTS_ACTIV	Global	Drv #3 Active	
B245:73/2	3_STS_DRVSTS_CMDDIR	Global	Drv #3 Commanded Direction (1=FWD, 0=REV)	
B245:73/3	3_STS_DRVSTS_ROTDIR	Global	Drv #3 Rotating Direction (1=FWD, 0=REV)	
B245:73/4	3_STS_DRVSTS_ACCEL	Global	Drv #3 Accelerating	
B245:73/5	3_STS_DRVSTS_DECEL	Global	Drv #3 Decelerating	
B245:73/6	3_STS_DRVSTS_ALARM	Global	Drv #3 Alarm	
B245:73/7	3_STS_DRVSTS_FAULT	Global	Drv #3 Faulted	
B245:73/8	3_STS_DRVSTS_ATREF	Global	Drv #3 At Reference	
B245:73/9	3_STS_DRVSTS_REFCC	Global	Drv #3 Reference Controlled by Comm	
B245:73/10	3_STS_DRVSTS_CMDCC	Global	Drv #3 Operation Cmd Controlled by Comm	
B245:73/11	3_STS_DRVSTS_PARLK	Global	Drv #3 Parameters have been locked	
B245:73/12	3_STS_DRVSTS_DGIN1	Global	Drv #3 Digital Input 1 Status	
B245:73/13	3_STS_DRVSTS_DGIN2	Global	Drv #3 Digital Input 2 Status	
B245:73/14	3_STS_DRVSTS_DGIN3	Global	Drv #3 Digital Input 3 Status	
B245:73/15	3_STS_DRVSTS_DGIN4	Global	Drv #3 Digital Input 4 Status	
B245:74	3_STS_FAULT_CODE	Global	Drv #3 Fault Code	
B245:75	3_STS_CMD_SPEED	Global	Drv #3 Commanded Speed	
B245:76	3_STS_SPEED_FDBCK	Global	Drv #3 Speed Feedback	
B245:77	3_STS_OUTPT_CURRNT	Global	Drv #3 Output Current	
B245:78	3_STS_DCBUS_VOLTAG	Global	Drv #3 DC Bus Voltage	
B245:79	3_STS_OUTPT_VOLTAG	Global	Drv #3 Output Voltage	
B245:80	3_STS_POSSTS	Global	Drv #3 Logic Status	
B245:80/0	3_STS_POSSTS_READY	Global	Drv #3 Ready	
B245:80/1	3_STS_POSSTS_ACTIV	Global	Drv #3 Active	
B245:80/2	3_STS_POSSTS_CMDDIR	Global	Drv #3 Commanded Direction (1=FWD, 0=REV)	
B245:80/3	3_STS_POSSTS_ROTDIR	Global	Drv #3 Rotating Direction (1=FWD, 0=REV)	
B245:80/4	3_STS_POSSTS_ACCEL	Global	Drv #3 Accelerating (=1)	
B245:80/5	3_STS_POSSTS_DECEL	Global	Drv #3 Decelerating (=1)	
B245:80/6	3_STS_POSSTS_TRVPOS	Global	Drv #3 Travel Position (1=FWD, 0=REV)	
B245:80/7	3_STS_POSSTS_FAULT	Global	Drv #3 Faulted (=1)	
B245:80/8	3_STS_POSSTS_ATREF	Global	Drv #3 At Reference (=1)	
B245:80/9	3_STS_POSSTS_ATPOS	Global	Drv #3 At Position (=1)	
B245:80/10	3_STS_POSSTS_ATHOME	Global	Drv #3 At Home (=1)	
B245:80/11	3_STS_POSSTS_HOMED	Global	Drv #3 Drive Homed (=1)	
B245:80/12	3_STS_POSSTS_SNCHLD	Global	Drv #3 Sync Hold (=1)	
B245:80/13	3_STS_POSSTS_SNCRMP	Global	Drv #3 Sync Ramp (=1)	
B245:80/14	3_STS_POSSTS_TRAVON	Global	Drv #3 Traverse On (=1)	
B245:80/15	3_STS_POSSTS_TRAVDE	Global	Drv #3 Traverse Decel (=1)	
B245:81	3_STS_PARM_POS_STEP	Global	Drv #3 b028 Step# of Position Operation	
B245:82	3_STS_PARM_SPD_SRC	Global	Drv #3 P038 Speed Source (5=network) (9=positioning)	
B245:83	4_STS_DRV_TYPE	Global	Drv #4 PF4 Class Drive Type	
B245:84	4_STS_DRVSTS	Global	Drv #4 Logic Status	
B245:84/0	4_STS_DRVSTS_READY	Global	Drv #4 Ready	
B245:84/1	4_STS_DRVSTS_ACTIV	Global	Drv #4 Active	
B245:84/2	4_STS_DRVSTS_CMDDIR	Global	Drv #4 Commanded Direction (1=FWD, 0=REV)	
B245:84/3	4_STS_DRVSTS_ROTDIR	Global	Drv #4 Rotating Direction (1=FWD, 0=REV)	
B245:84/4	4_STS_DRVSTS_ACCEL	Global	Drv #4 Accelerating	
B245:84/5	4_STS_DRVSTS_DECEL	Global	Drv #4 Decelerating	
B245:84/6	4_STS_DRVSTS_ALARM	Global	Drv #4 Alarm	
B245:84/7	4_STS_DRVSTS_FAULT	Global	Drv #4 Faulted	
B245:84/8	4_STS_DRVSTS_ATREF	Global	Drv #4 At Reference	
B245:84/9	4_STS_DRVSTS_REFCC	Global	Drv #4 Reference Controlled by Comm	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B245:84/10	4_STS_DRVSTS_CMDCC	Global	Drv #4 Operation Cmd Controlled by Comm	
B245:84/11	4_STS_DRVSTS_PARLK	Global	Drv #4 Parameters have been locked	
B245:84/12	4_STS_DRVSTS_DGIN1	Global	Drv #4 Digital Input 1 Status	
B245:84/13	4_STS_DRVSTS_DGIN2	Global	Drv #4 Digital Input 2 Status	
B245:84/14	4_STS_DRVSTS_DGIN3	Global	Drv #4 Digital Input 3 Status	
B245:84/15	4_STS_DRVSTS_DGIN4	Global	Drv #4 Digital Input 4 Status	
B245:85	4_STS_FAULT_CODE	Global	Drv #4 Fault Code	
B245:86	4_STS_CMD_SPEED	Global	Drv #4 Commanded Speed	
B245:87	4_STS_SPEED_FDBCK	Global	Drv #4 Speed Feedback	
B245:88	4_STS_OUTPT_CURRNT	Global	Drv #4 Output Current	
B245:89	4_STS_DCBUS_VOLTAG	Global	Drv #4 DC Bus Voltage	
B245:90	4_STS_OUTPT_VOLTAG	Global	Drv #4 Output Voltage	
B245:91	4_STS_POSSTS	Global	Drv #4 Logic Status	
B245:91/0	4_STS_POSSTS_READY	Global	Drv #4 Ready	
B245:91/1	4_STS_POSSTS_ACTIV	Global	Drv #4 Active	
B245:91/2	4_STS_POSSTS_CMDDIR	Global	Drv #4 Commanded Direction (1=FWD, 0=REV)	
B245:91/3	4_STS_POSSTS_ROTDIR	Global	Drv #4 Rotating Direction (1=FWD, 0=REV)	
B245:91/4	4_STS_POSSTS_ACCEL	Global	Drv #4 Accelerating (=1)	
B245:91/5	4_STS_POSSTS_DECEL	Global	Drv #4 Decelerating (=1)	
B245:91/6	4_STS_POSSTS_TRVPOS	Global	Drv #4 Travel Position (1=FWD, 0=REV)	
B245:91/7	4_STS_POSSTS_FAULT	Global	Drv #4 Faulted (=1)	
B245:91/8	4_STS_POSSTS_ATREF	Global	Drv #4 At Reference (=1)	
B245:91/9	4_STS_POSSTS_ATPOS	Global	Drv #4 At Position (=1)	
B245:91/10	4_STS_POSSTS_ATHOME	Global	Drv #4 At Home (=1)	
B245:91/11	4_STS_POSSTS_HOMED	Global	Drv #4 Drive Homed (=1)	
B245:91/12	4_STS_POSSTS_SNCHLD	Global	Drv #4 Sync Hold (=1)	
B245:91/13	4_STS_POSSTS_SNCRMP	Global	Drv #4 Sync Ramp (=1)	
B245:91/14	4_STS_POSSTS_TRAVON	Global	Drv #4 Traverse On (=1)	
B245:91/15	4_STS_POSSTS_TRAVDE	Global	Drv #4 Traverse Decel (=1)	
B245:92	4_STS_PARM_POS_STEP	Global	Drv #4 b028 Step# of Position Operation	
B245:93	4_STS_PARM_SPD_SRC	Global	Drv #4 P038 Speed Source (5=network) (9=positioning)	
B245:94	5_STS_DRV_TYPE	Global	Drv #5 PF4 Class Drive Type	
B245:95	5_STS_DRVSTS	Global	Drv #5 Logic Status	
B245:95/0	5_STS_DRVSTS_READY	Global	Drv #5 Ready	
B245:95/1	5_STS_DRVSTS_ACTIV	Global	Drv #5 Active	
B245:95/2	5_STS_DRVSTS_CMDDIR	Global	Drv #5 Commanded Direction (1=FWD, 0=REV)	
B245:95/3	5_STS_DRVSTS_ROTDIR	Global	Drv #5 Rotating Direction (1=FWD, 0=REV)	
B245:95/4	5_STS_DRVSTS_ACCEL	Global	Drv #5 Accelerating	
B245:95/5	5_STS_DRVSTS_DECEL	Global	Drv #5 Decelerating	
B245:95/6	5_STS_DRVSTS_ALARM	Global	Drv #5 Alarm	
B245:95/7	5_STS_DRVSTS_FAULT	Global	Drv #5 Faulted	
B245:95/8	5_STS_DRVSTS_ATREF	Global	Drv #5 At Reference	
B245:95/9	5_STS_DRVSTS_REFCC	Global	Drv #5 Reference Controlled by Comm	
B245:95/10	5_STS_DRVSTS_CMDCC	Global	Drv #5 Operation Cmd Controlled by Comm	
B245:95/11	5_STS_DRVSTS_PARLK	Global	Drv #5 Parameters have been locked	
B245:95/12	5_STS_DRVSTS_DGIN1	Global	Drv #5 Digital Input 1 Status	
B245:95/13	5_STS_DRVSTS_DGIN2	Global	Drv #5 Digital Input 2 Status	
B245:95/14	5_STS_DRVSTS_DGIN3	Global	Drv #5 Digital Input 3 Status	
B245:95/15	5_STS_DRVSTS_DGIN4	Global	Drv #5 Digital Input 4 Status	
B245:96	5_STS_FAULT_CODE	Global	Drv #5 Fault Code	
B245:97	5_STS_CMD_SPEED	Global	Drv #5 Commanded Speed	
B245:98	5_STS_SPEED_FDBCK	Global	Drv #5 Speed Feedback	
B245:99	5_STS_OUTPT_CURRNT	Global	Drv #5 Output Current	
B245:100	5_STS_DCBUS_VOLTAG	Global	Drv #5 DC Bus Voltage	
B245:101	5_STS_OUTPT_VOLTAG	Global	Drv #5 Output Voltage	
B245:102	5_STS_POSSTS	Global	Drv #5 Logic Status	
B245:102/0	5_STS_POSSTS_READY	Global	Drv #5 Ready	
B245:102/1	5_STS_POSSTS_ACTIV	Global	Drv #5 Active	
B245:102/2	5_STS_POSSTS_CMDDIR	Global	Drv #5 Commanded Direction (1=FWD, 0=REV)	
B245:102/3	5_STS_POSSTS_ROTDIR	Global	Drv #5 Rotating Direction (1=FWD, 0=REV)	
B245:102/4	5_STS_POSSTS_ACCEL	Global	Drv #5 Accelerating (=1)	
B245:102/5	5_STS_POSSTS_DECEL	Global	Drv #5 Decelerating (=1)	
B245:102/6	5_STS_POSSTS_TRVPOS	Global	Drv #5 Travel Position (1=FWD, 0=REV)	
B245:102/7	5_STS_POSSTS_FAULT	Global	Drv #5 Faulted (=1)	
B245:102/8	5_STS_POSSTS_ATREF	Global	Drv #5 At Reference (=1)	
B245:102/9	5_STS_POSSTS_ATPOS	Global	Drv #5 At Position (=1)	
B245:102/10	5_STS_POSSTS_ATHOME	Global	Drv #5 At Home (=1)	
B245:102/11	5_STS_POSSTS_HOMED	Global	Drv #5 Drive Homed (=1)	
B245:102/12	5_STS_POSSTS_SNCHLD	Global	Drv #5 Sync Hold (=1)	
B245:102/13	5_STS_POSSTS_SNCRMP	Global	Drv #5 Sync Ramp (=1)	
B245:102/14	5_STS_POSSTS_TRAVON	Global	Drv #5 Traverse On (=1)	
B245:102/15	5_STS_POSSTS_TRAVDE	Global	Drv #5 Traverse Decel (=1)	
B245:103	5_STS_PARM_POS_STEP	Global	Drv #5 b028 Step# of Position Operation	
B245:104	5_STS_PARM_SPD_SRC	Global	Drv #5 P038 Speed Source (5=network) (9=positioning)	
B245:105	6_STS_DRV_TYPE	Global	Drv #6 PF4 Class Drive Type	
B245:106	6_STS_DRVSTS	Global	Drv #6 Logic Status	
B245:106/0	6_STS_DRVSTS_READY	Global	Drv #6 Ready	
B245:106/1	6_STS_DRVSTS_ACTIV	Global	Drv #6 Active	
B245:106/2	6_STS_DRVSTS_CMDDIR	Global	Drv #6 Commanded Direction (1=FWD, 0=REV)	
B245:106/3	6_STS_DRVSTS_ROTDIR	Global	Drv #6 Rotating Direction (1=FWD, 0=REV)	
B245:106/4	6_STS_DRVSTS_ACCEL	Global	Drv #6 Accelerating	
B245:106/5	6_STS_DRVSTS_DECEL	Global	Drv #6 Decelerating	
B245:106/6	6_STS_DRVSTS_ALARM	Global	Drv #6 Alarm	
B245:106/7	6_STS_DRVSTS_FAULT	Global	Drv #6 Faulted	

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Address	Symbol	Scope	Description	Sym Group
B245:106/8	6_STS_DRVSTS_ATREF	Global	Drv #6 At Reference	
B245:106/9	6_STS_DRVSTS_REFCC	Global	Drv #6 Reference Controlled by Comm	
B245:106/10	6_STS_DRVSTS_CMDCC	Global	Drv #6 Operation Cmd Controlled by Comm	
B245:106/11	6_STS_DRVSTS_PARLK	Global	Drv #6 Parameters have been locked	
B245:106/12	6_STS_DRVSTS_DGIN1	Global	Drv #6 Digital Input 1 Status	
B245:106/13	6_STS_DRVSTS_DGIN2	Global	Drv #6 Digital Input 2 Status	
B245:106/14	6_STS_DRVSTS_DGIN3	Global	Drv #6 Digital Input 3 Status	
B245:106/15	6_STS_DRVSTS_DGIN4	Global	Drv #6 Digital Input 4 Status	
B245:107	6_STS_FAULT_CODE	Global	Drv #6 Fault Code	
B245:108	6_STS_CMD_SPEED	Global	Drv #6 Commanded Speed	
B245:109	6_STS_SPEED_FDBCK	Global	Drv #6 Speed Feedback	
B245:110	6_STS_OUTPT_CURRNT	Global	Drv #6 Output Current	
B245:111	6_STS_DCBUS_VOLTAG	Global	Drv #6 DC Bus Voltage	
B245:112	6_STS_OUTPT_VOLTAG	Global	Drv #6 Output Voltage	
B245:113	6_STS_POSSTS	Global	Drv #6 Logic Status	
B245:113/0	6_STS_POSSTS_READY	Global	Drv #6 Ready	
B245:113/1	6_STS_POSSTS_ACTIV	Global	Drv #6 Active	
B245:113/2	6_STS_POSSTS_CMDDIR	Global	Drv #6 Commanded Direction (1=FWD, 0=REV)	
B245:113/3	6_STS_POSSTS_ROTDIR	Global	Drv #6 Rotating Direction (1=FWD, 0=REV)	
B245:113/4	6_STS_POSSTS_ACCEL	Global	Drv #6 Accelerating (=1)	
B245:113/5	6_STS_POSSTS_DECEL	Global	Drv #6 Decelerating (=1)	
B245:113/6	6_STS_POSSTS_TRVPOS	Global	Drv #6 Travel Position (1=FWD, 0=REV)	
B245:113/7	6_STS_POSSTS_FAULT	Global	Drv #6 Faulted (=1)	
B245:113/8	6_STS_POSSTS_ATREF	Global	Drv #6 At Reference (=1)	
B245:113/9	6_STS_POSSTS_ATPOS	Global	Drv #6 At Position (=1)	
B245:113/10	6_STS_POSSTS_ATHOME	Global	Drv #6 At Home (=1)	
B245:113/11	6_STS_POSSTS_HOMED	Global	Drv #6 Drive Homed (=1)	
B245:113/12	6_STS_POSSTS_SNCHLD	Global	Drv #6 Sync Hold (=1)	
B245:113/13	6_STS_POSSTS_SNCRMP	Global	Drv #6 Sync Ramp (=1)	
B245:113/14	6_STS_POSSTS_TRAVON	Global	Drv #6 Traverse On (=1)	
B245:113/15	6_STS_POSSTS_TRAVDE	Global	Drv #6 Traverse Decel (=1)	
B245:114	6_STS_PARM_POS_STEP	Global	Drv #6 b028 Step# of Position Operation	
B245:115	6_STS_PARM_SPD_SRC	Global	Drv #6 P038 Speed Source (5=network) (9=positioning)	
B245:116	7_STS_DRV_TYPE	Global	Drv #7 PF4 Class Drive Type	
B245:117	7_STS_DRVSTS	Global	Drv #7 Logic Status	
B245:117/0	7_STS_DRVSTS_READY	Global	Drv #7 Ready	
B245:117/1	7_STS_DRVSTS_ACTIV	Global	Drv #7 Active	
B245:117/2	7_STS_DRVSTS_CMDDIR	Global	Drv #7 Commanded Direction (1=FWD, 0=REV)	
B245:117/3	7_STS_DRVSTS_ROTDIR	Global	Drv #7 Rotating Direction (1=FWD, 0=REV)	
B245:117/4	7_STS_DRVSTS_ACCEL	Global	Drv #7 Accelerating	
B245:117/5	7_STS_DRVSTS_DECEL	Global	Drv #7 Decelerating	
B245:117/6	7_STS_DRVSTS_ALARM	Global	Drv #7 Alarm	
B245:117/7	7_STS_DRVSTS_FAULT	Global	Drv #7 Faulted	
B245:117/8	7_STS_DRVSTS_ATREF	Global	Drv #7 At Reference	
B245:117/9	7_STS_DRVSTS_REFCC	Global	Drv #7 Reference Controlled by Comm	
B245:117/10	7_STS_DRVSTS_CMDCC	Global	Drv #7 Operation Cmd Controlled by Comm	
B245:117/11	7_STS_DRVSTS_PARLK	Global	Drv #7 Parameters have been locked	
B245:117/12	7_STS_DRVSTS_DGIN1	Global	Drv #7 Digital Input 1 Status	
B245:117/13	7_STS_DRVSTS_DGIN2	Global	Drv #7 Digital Input 2 Status	
B245:117/14	7_STS_DRVSTS_DGIN3	Global	Drv #7 Digital Input 3 Status	
B245:117/15	7_STS_DRVSTS_DGIN4	Global	Drv #7 Digital Input 4 Status	
B245:118	7_STS_FAULT_CODE	Global	Drv #7 Fault Code	
B245:119	7_STS_CMD_SPEED	Global	Drv #7 Commanded Speed	
B245:120	7_STS_SPEED_FDBCK	Global	Drv #7 Speed Feedback	
B245:121	7_STS_OUTPT_CURRNT	Global	Drv #7 Output Current	
B245:122	7_STS_DCBUS_VOLTAG	Global	Drv #7 DC Bus Voltage	
B245:123	7_STS_OUTPT_VOLTAG	Global	Drv #7 Output Voltage	
B245:124	7_STS_POSSTS	Global	Drv #7 Logic Status	
B245:124/0	7_STS_POSSTS_READY	Global	Drv #7 Ready	
B245:124/1	7_STS_POSSTS_ACTIV	Global	Drv #7 Active	
B245:124/2	7_STS_POSSTS_CMDDIR	Global	Drv #7 Commanded Direction (1=FWD, 0=REV)	
B245:124/3	7_STS_POSSTS_ROTDIR	Global	Drv #7 Rotating Direction (1=FWD, 0=REV)	
B245:124/4	7_STS_POSSTS_ACCEL	Global	Drv #7 Accelerating (=1)	
B245:124/5	7_STS_POSSTS_DECEL	Global	Drv #7 Decelerating (=1)	
B245:124/6	7_STS_POSSTS_TRVPOS	Global	Drv #7 Travel Position (1=FWD, 0=REV)	
B245:124/7	7_STS_POSSTS_FAULT	Global	Drv #7 Faulted (=1)	
B245:124/8	7_STS_POSSTS_ATREF	Global	Drv #7 At Reference (=1)	
B245:124/9	7_STS_POSSTS_ATPOS	Global	Drv #7 At Position (=1)	
B245:124/10	7_STS_POSSTS_ATHOME	Global	Drv #7 At Home (=1)	
B245:124/11	7_STS_POSSTS_HOMED	Global	Drv #7 Drive Homed (=1)	
B245:124/12	7_STS_POSSTS_SNCHLD	Global	Drv #7 Sync Hold (=1)	
B245:124/13	7_STS_POSSTS_SNCRMP	Global	Drv #7 Sync Ramp (=1)	
B245:124/14	7_STS_POSSTS_TRAVON	Global	Drv #7 Traverse On (=1)	
B245:124/15	7_STS_POSSTS_TRAVDE	Global	Drv #7 Traverse Decel (=1)	
B245:125	7_STS_PARM_POS_STEP	Global	Drv #7 b028 Step# of Position Operation	
B245:126	7_STS_PARM_SPD_SRC	Global	Drv #7 P038 Speed Source (5=network) (9=positioning)	
B245:127	8_STS_DRV_TYPE	Global	Drv #8 PF4 Class Drive Type	
B245:128	8_STS_DRVSTS	Global	Drv #8 Logic Status	
B245:128/0	8_STS_DRVSTS_READY	Global	Drv #8 Ready	
B245:128/1	8_STS_DRVSTS_ACTIV	Global	Drv #8 Active	
B245:128/2	8_STS_DRVSTS_CMDDIR	Global	Drv #8 Commanded Direction (1=FWD, 0=REV)	
B245:128/3	8_STS_DRVSTS_ROTDIR	Global	Drv #8 Rotating Direction (1=FWD, 0=REV)	
B245:128/4	8_STS_DRVSTS_ACCEL	Global	Drv #8 Accelerating	
B245:128/5	8_STS_DRVSTS_DECEL	Global	Drv #8 Decelerating	

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Address	Symbol	Scope	Description	Sym Group
B245:128/6	8_STS_DRVSTS_ALARM	Global	Drv #8 Alarm	
B245:128/7	8_STS_DRVSTS_FAULT	Global	Drv #8 Faulted	
B245:128/8	8_STS_DRVSTS_ATREF	Global	Drv #8 At Reference	
B245:128/9	8_STS_DRVSTS_REFCC	Global	Drv #8 Reference Controlled by Comm	
B245:128/10	8_STS_DRVSTS_CMDCC	Global	Drv #8 Operation Cmd Controlled by Comm	
B245:128/11	8_STS_DRVSTS_PARLK	Global	Drv #8 Parameters have been locked	
B245:128/12	8_STS_DRVSTS_DGIN1	Global	Drv #8 Digital Input 1 Status	
B245:128/13	8_STS_DRVSTS_DGIN2	Global	Drv #8 Digital Input 2 Status	
B245:128/14	8_STS_DRVSTS_DGIN3	Global	Drv #8 Digital Input 3 Status	
B245:128/15	8_STS_DRVSTS_DGIN4	Global	Drv #8 Digital Input 4 Status	
B245:129	8_STS_FAULT_CODE	Global	Drv #8 Fault Code	
B245:130	8_STS_CMD_SPEED	Global	Drv #8 Commanded Speed	
B245:131	8_STS_SPEED_FDBCK	Global	Drv #8 Speed Feedback	
B245:132	8_STS_OUTPT_CURRNT	Global	Drv #8 Output Current	
B245:133	8_STS_DCBUS_VOLTAG	Global	Drv #8 DC Bus Voltage	
B245:134	8_STS_OUTPT_VOLTAG	Global	Drv #8 Output Voltage	
B245:135	8_STS_POSSTS	Global	Drv #8 Logic Status	
B245:135/0	8_STS_POSSTS_READY	Global	Drv #8 Ready	
B245:135/1	8_STS_POSSTS_ACTIV	Global	Drv #8 Active	
B245:135/2	8_STS_POSSTS_CMDDIR	Global	Drv #8 Commanded Direction (1=FWD, 0=REV)	
B245:135/3	8_STS_POSSTS_ROTDIR	Global	Drv #8 Rotating Direction (1=FWD, 0=REV)	
B245:135/4	8_STS_POSSTS_ACCEL	Global	Drv #8 Accelerating (=1)	
B245:135/5	8_STS_POSSTS_DECEL	Global	Drv #8 Decelerating (=1)	
B245:135/6	8_STS_POSSTS_TRVPOS	Global	Drv #8 Travel Position (1=FWD, 0=REV)	
B245:135/7	8_STS_POSSTS_FAULT	Global	Drv #8 Faulted (=1)	
B245:135/8	8_STS_POSSTS_ATREF	Global	Drv #8 At Reference (=1)	
B245:135/9	8_STS_POSSTS_ATPOS	Global	Drv #8 At Position (=1)	
B245:135/10	8_STS_POSSTS_ATHOME	Global	Drv #8 At Home (=1)	
B245:135/11	8_STS_POSSTS_HOMED	Global	Drv #8 Drive Homed (=1)	
B245:135/12	8_STS_POSSTS_SNCOLD	Global	Drv #8 Sync Hold (=1)	
B245:135/13	8_STS_POSSTS_SNCRMP	Global	Drv #8 Sync Ramp (=1)	
B245:135/14	8_STS_POSSTS_TRAVON	Global	Drv #8 Traverse On (=1)	
B245:135/15	8_STS_POSSTS_TRAVDE	Global	Drv #8 Traverse Decel (=1)	
B245:136	8_STS_PARM_POS_STEP	Global	Drv #8 b028 Step# of Position Operation	
B245:137	8_STS_PARM_SPD_SRC	Global	Drv #8 P038 Speed Source (5=network) (9=positioning)	
B246:0	CMD_DRV_NUMBER	Global	Drive Number Data to Display	
B246:1	CMD_SCRN	Global	Current Screen Control	
B246:1/0	CMD_SCRN_MODE	Global	Screen Mode Control Oper(=1)/Prog(=0)	
B246:2	CMD_OPER_CMD	Global	Operator Command Word	
B246:2/0	CMD_OPER_CMD_STOP	Global	Operator Stop Command	
B246:2/1	CMD_OPER_CMD_STRT	Global	Operator Start Command	
B246:2/2	CMD_OPER_CMD_JOG	Global	Operator Jog Command	
B246:2/3	CMD_OPER_CMD_CLRFR	Global	Operator Clear Faults Command	
B246:2/4	CMD_OPER_CMD_FWD	Global	Operator Forward Command	
B246:2/5	CMD_OPER_CMD_REV	Global	Operator Reverse Command	
B246:2/6	CMD_OPER_CMD_LGC1	Global	Operator Logic In 1	
B246:2/7	CMD_OPER_CMD_LGC2	Global	Operator Logic In 2	
B246:2/8	CMD_OPER_CMD_STP0	Global	Operator Step# 0-7 Bit 0	
B246:2/9	CMD_OPER_CMD_STP1	Global	Operator Step# 0-7 Bit 1	
B246:2/10	CMD_OPER_CMD_STP2	Global	Operator Step# 0-7 Bit 2	
B246:2/11	CMD_OPER_CMD_HOME	Global	Operator Find Home	
B246:2/12	CMD_OPER_CMD_HOLD	Global	Operator Hold Step	
B246:2/13	CMD_OPER_CMD_PRDF	Global	Operator Pos Redefine	
B246:2/14	CMD_OPER_CMD_SYNC	Global	Operator Sync Enable	
B246:2/15	CMD_OPER_CMD_TRAV	Global	Operator Traverse Disable	
B246:3	CMD_OPER_CMD_SPDR	Global	Operator Speed Reference Command	
B246:4	CMD_OPER_SPD_SRC	Global	Operator Speed Source (5=network) (9=positioning)	
B246:5				
B246:50	0_CMD_PROG_CMD	Global	Broadcast Command Word	
B246:50/0	0_CMD_PROG_CMD_STOP	Global	Broadcast Stop Command	
B246:50/1	0_CMD_PROG_CMD_STRT	Global	Broadcast Start Command	
B246:50/2	0_CMD_PROG_CMD_JOG	Global	Broadcast Jog Command	
B246:50/3	0_CMD_PROG_CMD_CLRFR	Global	Broadcast Clear Faults Command	
B246:50/4	0_CMD_PROG_CMD_FWD	Global	Broadcast Forward Command	
B246:50/5	0_CMD_PROG_CMD_REV	Global	Broadcast Reverse Command	
B246:51	0_CMD_CMD_CMPAR	Global	Broadcast Command Word Compare	
B246:52	1_CMD_PROG_CMD	Global	Drv #1 Command Word	
B246:52/0	1_CMD_PROG_CMD_STOP	Global	Drv #1 Stop Command	
B246:52/1	1_CMD_PROG_CMD_STRT	Global	Drv #1 Start Command	
B246:52/2	1_CMD_PROG_CMD_JOG	Global	Drv #1 Jog Command	
B246:52/3	1_CMD_PROG_CMD_CLRFR	Global	Drv #1 Clear Faults Command	
B246:52/4	1_CMD_PROG_CMD_FWD	Global	Drv #1 Forward Command	
B246:52/5	1_CMD_PROG_CMD_REV	Global	Drv #1 Reverse Command	
B246:52/6	1_CMD_PROG_CMD_LGC1	Global	Drv #1 Logic In 1	
B246:52/7	1_CMD_PROG_CMD_LGC2	Global	Drv #1 Logic In 2	
B246:52/8	1_CMD_PROG_CMD_STP0	Global	Drv #1 Step# 0-7 Bit 0	
B246:52/9	1_CMD_PROG_CMD_STP1	Global	Drv #1 Step# 0-7 Bit 1	
B246:52/10	1_CMD_PROG_CMD_STP2	Global	Drv #1 Step# 0-7 Bit 2	
B246:52/11	1_CMD_PROG_CMD_HOME	Global	Drv #1 Find Home	
B246:52/12	1_CMD_PROG_CMD_HOLD	Global	Drv #1 Hold Step	
B246:52/13	1_CMD_PROG_CMD_PRDF	Global	Drv #1 Pos Redefine	
B246:52/14	1_CMD_PROG_CMD_SYNC	Global	Drv #1 Sync Enable	
B246:52/15	1_CMD_PROG_CMD_TRAV	Global	Drv #1 Traverse Disable	
B246:53	1_CMD_PROG_CMD_SPDR	Global	Drv #1 Speed Reference	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B246:54	1_CMD_PROG_SPD_SRC	Global	Drv #1 Speed Source (5=network) (9=positioning)	
B246:55	1_CMD_CMD_CMPAR	Global	Drv #1 Command Word Compare	
B246:56	1_CMD_SPD_SRC_CMPAR	Global	Drv #1 Speed Source Word Compare	
B246:57	2_CMD_PROG_CMD	Global	Drv #2 Command Word	
B246:57/0	2_CMD_PROG_CMD_STOP	Global	Drv #2 Stop Command	
B246:57/1	2_CMD_PROG_CMD_STRT	Global	Drv #2 Start Command	
B246:57/2	2_CMD_PROG_CMD_JOG	Global	Drv #2 Jog Command	
B246:57/3	2_CMD_PROG_CMD_CLRf	Global	Drv #2 Clear Faults Command	
B246:57/4	2_CMD_PROG_CMD_FWD	Global	Drv #2 Forward Command	
B246:57/5	2_CMD_PROG_CMD_REV	Global	Drv #2 Reverse Command	
B246:57/6	2_CMD_PROG_CMD_LGC1	Global	Drv #2 Logic In 1	
B246:57/7	2_CMD_PROG_CMD_LGC2	Global	Drv #2 Logic In 2	
B246:57/8	2_CMD_PROG_CMD_STP0	Global	Drv #2 Step# 0-7 Bit 0	
B246:57/9	2_CMD_PROG_CMD_STP1	Global	Drv #2 Step# 0-7 Bit 1	
B246:57/10	2_CMD_PROG_CMD_STP2	Global	Drv #2 Step# 0-7 Bit 2	
B246:57/11	2_CMD_PROG_CMD_HOME	Global	Drv #2 Find Home	
B246:57/12	2_CMD_PROG_CMD_HOLD	Global	Drv #2 Hold Step	
B246:57/13	2_CMD_PROG_CMD_PRDF	Global	Drv #2 Pos Redefine	
B246:57/14	2_CMD_PROG_CMD_SYNC	Global	Drv #2 Sync Enable	
B246:57/15	2_CMD_PROG_CMD_TRAV	Global	Drv #2 Traverse Disable	
B246:58	2_CMD_PROG_CMD_SPDR	Global	Drv #2 Speed Reference	
B246:59	2_CMD_PROG_SPD_SRC	Global	Drv #2 Speed Source (5=network) (9=positioning)	
B246:60	2_CMD_CMD_CMPAR	Global	Drv #2 Command Word Compare	
B246:61	2_CMD_SPD_SRC_CMPAR	Global	Drv #2 Speed Source Word Compare	
B246:62	3_CMD_PROG_CMD	Global	Drv #3 Command Word	
B246:62/0	3_CMD_PROG_CMD_STOP	Global	Drv #3 Stop Command	
B246:62/1	3_CMD_PROG_CMD_STRT	Global	Drv #3 Start Command	
B246:62/2	3_CMD_PROG_CMD_JOG	Global	Drv #3 Jog Command	
B246:62/3	3_CMD_PROG_CMD_CLRf	Global	Drv #3 Clear Faults Command	
B246:62/4	3_CMD_PROG_CMD_FWD	Global	Drv #3 Forward Command	
B246:62/5	3_CMD_PROG_CMD_REV	Global	Drv #3 Reverse Command	
B246:62/6	3_CMD_PROG_CMD_LGC1	Global	Drv #3 Logic In 1	
B246:62/7	3_CMD_PROG_CMD_LGC2	Global	Drv #3 Logic In 2	
B246:62/8	3_CMD_PROG_CMD_STP0	Global	Drv #3 Step# 0-7 Bit 0	
B246:62/9	3_CMD_PROG_CMD_STP1	Global	Drv #3 Step# 0-7 Bit 1	
B246:62/10	3_CMD_PROG_CMD_STP2	Global	Drv #3 Step# 0-7 Bit 2	
B246:62/11	3_CMD_PROG_CMD_HOME	Global	Drv #3 Find Home	
B246:62/12	3_CMD_PROG_CMD_HOLD	Global	Drv #3 Hold Step	
B246:62/13	3_CMD_PROG_CMD_PRDF	Global	Drv #3 Pos Redefine	
B246:62/14	3_CMD_PROG_CMD_SYNC	Global	Drv #3 Sync Enable	
B246:62/15	3_CMD_PROG_CMD_TRAV	Global	Drv #3 Traverse Disable	
B246:63	3_CMD_PROG_CMD_SPDR	Global	Drv #3 Speed Reference	
B246:64	3_CMD_PROG_SPD_SRC	Global	Drv #3 Speed Source (5=network) (9=positioning)	
B246:65	3_CMD_CMD_CMPAR	Global	Drv #3 Command Word Compare	
B246:66	3_CMD_SPD_SRC_CMPAR	Global	Drv #3 Speed Source Word Compare	
B246:67	4_CMD_PROG_CMD	Global	Drv #4 Command Word	
B246:67/0	4_CMD_PROG_CMD_STOP	Global	Drv #4 Stop Command	
B246:67/1	4_CMD_PROG_CMD_STRT	Global	Drv #4 Start Command	
B246:67/2	4_CMD_PROG_CMD_JOG	Global	Drv #4 Jog Command	
B246:67/3	4_CMD_PROG_CMD_CLRf	Global	Drv #4 Clear Faults Command	
B246:67/4	4_CMD_PROG_CMD_FWD	Global	Drv #4 Forward Command	
B246:67/5	4_CMD_PROG_CMD_REV	Global	Drv #4 Reverse Command	
B246:67/6	4_CMD_PROG_CMD_LGC1	Global	Drv #4 Logic In 1	
B246:67/7	4_CMD_PROG_CMD_LGC2	Global	Drv #4 Logic In 2	
B246:67/8	4_CMD_PROG_CMD_STP0	Global	Drv #4 Step# 0-7 Bit 0	
B246:67/9	4_CMD_PROG_CMD_STP1	Global	Drv #4 Step# 0-7 Bit 1	
B246:67/10	4_CMD_PROG_CMD_STP2	Global	Drv #4 Step# 0-7 Bit 2	
B246:67/11	4_CMD_PROG_CMD_HOME	Global	Drv #4 Find Home	
B246:67/12	4_CMD_PROG_CMD_HOLD	Global	Drv #4 Hold Step	
B246:67/13	4_CMD_PROG_CMD_PRDF	Global	Drv #4 Pos Redefine	
B246:67/14	4_CMD_PROG_CMD_SYNC	Global	Drv #4 Sync Enable	
B246:67/15	4_CMD_PROG_CMD_TRAV	Global	Drv #4 Traverse Disable	
B246:68	4_CMD_PROG_CMD_SPDR	Global	Drv #4 Speed Reference	
B246:69	4_CMD_PROG_SPD_SRC	Global	Drv #4 Speed Source (5=network) (9=positioning)	
B246:70	4_CMD_CMD_CMPAR	Global	Drv #4 Command Word Compare	
B246:71	4_CMD_SPD_SRC_CMPAR	Global	Drv #4 Speed Source Word Compare	
B246:72	5_CMD_PROG_CMD	Global	Drv #5 Command Word	
B246:72/0	5_CMD_PROG_CMD_STOP	Global	Drv #5 Stop Command	
B246:72/1	5_CMD_PROG_CMD_STRT	Global	Drv #5 Start Command	
B246:72/2	5_CMD_PROG_CMD_JOG	Global	Drv #5 Jog Command	
B246:72/3	5_CMD_PROG_CMD_CLRf	Global	Drv #5 Clear Faults Command	
B246:72/4	5_CMD_PROG_CMD_FWD	Global	Drv #5 Forward Command	
B246:72/5	5_CMD_PROG_CMD_REV	Global	Drv #5 Reverse Command	
B246:72/6	5_CMD_PROG_CMD_LGC1	Global	Drv #5 Logic In 1	
B246:72/7	5_CMD_PROG_CMD_LGC2	Global	Drv #5 Logic In 2	
B246:72/8	5_CMD_PROG_CMD_STP0	Global	Drv #5 Step# 0-7 Bit 0	
B246:72/9	5_CMD_PROG_CMD_STP1	Global	Drv #5 Step# 0-7 Bit 1	
B246:72/10	5_CMD_PROG_CMD_STP2	Global	Drv #5 Step# 0-7 Bit 2	
B246:72/11	5_CMD_PROG_CMD_HOME	Global	Drv #5 Find Home	
B246:72/12	5_CMD_PROG_CMD_HOLD	Global	Drv #5 Hold Step	
B246:72/13	5_CMD_PROG_CMD_PRDF	Global	Drv #5 Pos Redefine	
B246:72/14	5_CMD_PROG_CMD_SYNC	Global	Drv #5 Sync Enable	
B246:72/15	5_CMD_PROG_CMD_TRAV	Global	Drv #5 Traverse Disable	
B246:73	5_CMD_PROG_CMD_SPDR	Global	Drv #5 Speed Reference	

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Address	Symbol	Scope	Description	Sym Group
B246:74	5_CMD_PROG_SPD_SRC	Global	Drv #5 Speed Source (5=network) (9=positioning)	
B246:75	5_CMD_CMD_CMPAR	Global	Drv #5 Command Word Compare	
B246:76	5_CMD_SPD_SRC_CMPAR	Global	Drv #5 Speed Source Word Compare	
B246:77	6_CMD_PROG_CMD	Global	Drv #6 Command Word	
B246:77/0	6_CMD_PROG_CMD_STOP	Global	Drv #6 Stop Command	
B246:77/1	6_CMD_PROG_CMD_STRT	Global	Drv #6 Start Command	
B246:77/2	6_CMD_PROG_CMD_JOG	Global	Drv #6 Jog Command	
B246:77/3	6_CMD_PROG_CMD_CLRFR	Global	Drv #6 Clear Faults Command	
B246:77/4	6_CMD_PROG_CMD_FWD	Global	Drv #6 Forward Command	
B246:77/5	6_CMD_PROG_CMD_REV	Global	Drv #6 Reverse Command	
B246:77/6	6_CMD_PROG_CMD_LGC1	Global	Drv #6 Logic In 1	
B246:77/7	6_CMD_PROG_CMD_LGC2	Global	Drv #6 Logic In 2	
B246:77/8	6_CMD_PROG_CMD_STP0	Global	Drv #6 Step# 0-7 Bit 0	
B246:77/9	6_CMD_PROG_CMD_STP1	Global	Drv #6 Step# 0-7 Bit 1	
B246:77/10	6_CMD_PROG_CMD_STP2	Global	Drv #6 Step# 0-7 Bit 2	
B246:77/11	6_CMD_PROG_CMD_HOME	Global	Drv #6 Find Home	
B246:77/12	6_CMD_PROG_CMD_HOLD	Global	Drv #6 Hold Step	
B246:77/13	6_CMD_PROG_CMD_PRDF	Global	Drv #6 Pos Redefine	
B246:77/14	6_CMD_PROG_CMD_SYNC	Global	Drv #6 Sync Enable	
B246:77/15	6_CMD_PROG_CMD_TRAV	Global	Drv #6 Traverse Disable	
B246:78	6_CMD_PROG_CMD_SPDR	Global	Drv #6 Speed Reference	
B246:79	6_CMD_PROG_SPD_SRC	Global	Drv #6 Speed Source (5=network) (9=positioning)	
B246:80	6_CMD_CMD_CMPAR	Global	Drv #6 Command Word Compare	
B246:81	6_CMD_SPD_SRC_CMPAR	Global	Drv #6 Speed Source Word Compare	
B246:82	7_CMD_PROG_CMD	Global	Drv #7 Command Word	
B246:82/0	7_CMD_PROG_CMD_STOP	Global	Drv #7 Stop Command	
B246:82/1	7_CMD_PROG_CMD_STRT	Global	Drv #7 Start Command	
B246:82/2	7_CMD_PROG_CMD_JOG	Global	Drv #7 Jog Command	
B246:82/3	7_CMD_PROG_CMD_CLRFR	Global	Drv #7 Clear Faults Command	
B246:82/4	7_CMD_PROG_CMD_FWD	Global	Drv #7 Forward Command	
B246:82/5	7_CMD_PROG_CMD_REV	Global	Drv #7 Reverse Command	
B246:82/6	7_CMD_PROG_CMD_LGC1	Global	Drv #7 Logic In 1	
B246:82/7	7_CMD_PROG_CMD_LGC2	Global	Drv #7 Logic In 2	
B246:82/8	7_CMD_PROG_CMD_STP0	Global	Drv #7 Step# 0-7 Bit 0	
B246:82/9	7_CMD_PROG_CMD_STP1	Global	Drv #7 Step# 0-7 Bit 1	
B246:82/10	7_CMD_PROG_CMD_STP2	Global	Drv #7 Step# 0-7 Bit 2	
B246:82/11	7_CMD_PROG_CMD_HOME	Global	Drv #7 Find Home	
B246:82/12	7_CMD_PROG_CMD_HOLD	Global	Drv #7 Hold Step	
B246:82/13	7_CMD_PROG_CMD_PRDF	Global	Drv #7 Pos Redefine	
B246:82/14	7_CMD_PROG_CMD_SYNC	Global	Drv #7 Sync Enable	
B246:82/15	7_CMD_PROG_CMD_TRAV	Global	Drv #7 Traverse Disable	
B246:83	7_CMD_PROG_CMD_SPDR	Global	Drv #7 Speed Reference	
B246:84	7_CMD_PROG_SPD_SRC	Global	Drv #7 Speed Source (5=network) (9=positioning)	
B246:85	7_CMD_CMD_CMPAR	Global	Drv #7 Command Word Compare	
B246:86	7_CMD_SPD_SRC_CMPAR	Global	Drv #7 Speed Source Word Compare	
B246:87	8_CMD_PROG_CMD	Global	Drv #8 Command Word	
B246:87/0	8_CMD_PROG_CMD_STOP	Global	Drv #8 Stop Command	
B246:87/1	8_CMD_PROG_CMD_STRT	Global	Drv #8 Start Command	
B246:87/2	8_CMD_PROG_CMD_JOG	Global	Drv #8 Jog Command	
B246:87/3	8_CMD_PROG_CMD_CLRFR	Global	Drv #8 Clear Faults Command	
B246:87/4	8_CMD_PROG_CMD_FWD	Global	Drv #8 Forward Command	
B246:87/5	8_CMD_PROG_CMD_REV	Global	Drv #8 Reverse Command	
B246:87/6	8_CMD_PROG_CMD_LGC1	Global	Drv #8 Logic In 1	
B246:87/7	8_CMD_PROG_CMD_LGC2	Global	Drv #8 Logic In 2	
B246:87/8	8_CMD_PROG_CMD_STP0	Global	Drv #8 Step# 0-7 Bit 0	
B246:87/9	8_CMD_PROG_CMD_STP1	Global	Drv #8 Step# 0-7 Bit 1	
B246:87/10	8_CMD_PROG_CMD_STP2	Global	Drv #8 Step# 0-7 Bit 2	
B246:87/11	8_CMD_PROG_CMD_HOME	Global	Drv #8 Find Home	
B246:87/12	8_CMD_PROG_CMD_HOLD	Global	Drv #8 Hold Step	
B246:87/13	8_CMD_PROG_CMD_PRDF	Global	Drv #8 Pos Redefine	
B246:87/14	8_CMD_PROG_CMD_SYNC	Global	Drv #8 Sync Enable	
B246:87/15	8_CMD_PROG_CMD_TRAV	Global	Drv #8 Traverse Disable	
B246:88	8_CMD_PROG_CMD_SPDR	Global	Drv #8 Speed Reference	
B246:89	8_CMD_PROG_SPD_SRC	Global	Drv #8 Speed Source (5=network) (9=positioning)	
B246:90	8_CMD_CMD_CMPAR	Global	Drv #8 Command Word Compare	
B246:91	8_CMD_SPD_SRC_CMPAR	Global	Drv #8 Speed Source Word Compare	
F244:0	CMD_OPER_SPD_REF_F	Global	Speed Reference Command as Float	
F244:1	STS_REF_SPEED_F	Global	Commanded Speed Display as Float	
F244:2	STS_SPEED_FDBCK_F	Global	Speed Feedback Display as Float	
F244:3	STS_OUTPT_CURRNT_F	Global	Output Current Display as Float	
F244:4	STS_OUTPT_VOLTAG_F	Global	Output Voltage Display as Float	
F244:5	STS_DCBUS_VOLTAG_F	Global	DC Bus Voltage Display as Float	
I:0/1				
I:0/2				
I:0/4				
I:0/5				
I:0/6				
I:0/7				
I:0/8				
I:0/9				
I:0/10				
I:0/11				
I:0/12			Reset Machine	
I:0/13			Enable User Machine Control Program	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
I:0/14			Start Machine	
I:0/15			Stop Machine	
MG243:0			Drive Control Read Message	
MG243:0.NOD				
MG243:1			Speed Reference Write Message	
MG243:2			Logic Command Write Message	
MG243:3			Speed Control Broadcast Write Command	
MG243:4			Drive Type Read Message	
MG243:5			Speed Reference Source Write MSG	
MG243:6			Position Status Read Message	
MG243:7			Position Control Read Message	
MG243:7/EN			Position Control Read Message	
MG254:0.NOD			MSG Target Node#	
N241:0			Node Counter	
N241:1			Minimum Node#	
N241:2			Maximum Node# +1	
N241:3			Comms Cycle - Previous Scan Time	
N241:4			Comms Cycle - Maximum Scan Time	
N241:5				
N241:6			Buffer for Node# Loop	
N244:1			Node 1 Position Command Compare	
N244:2			Node 2 Position Command Compare	
N244:3			Node 3 Position Command Compare	
N244:4			Node 4 Position Command Compare	
N244:5			Node 5 Position Command Compare	
N244:6			Node 6 Position Command Compare	
N244:7			Node 7 Position Command Compare	
N244:8			Node 8 Position Command Compare	
N244:9			Node 9 Position Command Compare	
N244:10			Node 10 Position Command Compare	
N244:11			Node 11 Position Command Compare	
N244:12			Node 12 Position Command Compare	
N244:13			Node 13 Position Command Compare	
N244:14			Node 14 Position Command Compare	
N244:15			Node 15 Position Command Compare	
N244:16			Node 16 Position Command Compare	
N244:17			Node 17 Position Command Compare	
N244:18			Node 18 Position Command Compare	
N244:19			Node 19 Position Command Compare	
N244:20			Node 20 Position Command Compare	
N244:21			Node 21 Position Command Compare	
N244:22			Node 22 Position Command Compare	
N244:23			Node 23 Position Command Compare	
N244:24			Node 24 Position Command Compare	
N244:25			Node 25 Position Command Compare	
N244:26			Node 26 Position Command Compare	
N244:27			Node 27 Position Command Compare	
N244:28			Node 28 Position Command Compare	
N244:29			Node 29 Position Command Compare	
N244:30			Node 30 Position Command Compare	
N247:0			Always Zero	
N247:1			Read MSG Status	
N247:2			Read MSG Error Code	
N247:3			Read MSG Commanded Speed	
N247:4			Read MSG Speed Feedback	
N247:5			Read MSG Output Current	
N247:6			Read MSG DC Bus Voltage	
N247:7			Read MSG Output Voltage	
N247:8			Write MSG Command Word	
N247:9			Write MSG Speed Reference	
N247:10			Write File Offset Math (multiply by 5)	
N247:11			Write File Offset Math for Speed (add 48)	
N247:12			Write File Offset Math for Logic Command (add 47)	
N247:13			Read File Offset Math (multiply by 11)	
N247:14			Read File Offset Math for Status (add 40)	
N247:15			Read File Offset Math for Commanded Speed (add 42)	
N247:16			Write File Offset Math for Logic Command Compare (add 50)	
N247:17			Write File Offset Math for Logic Command (add 47)	
N247:18			Read File Offset Math for Drive Type (add 40)	
N247:19			Read File Offset Math for Drive Type (add 39)	
N247:20			Drive Type Read Data	
N247:21			Write File Offset Math for Speed Source (add 49)	
N247:22			Write File Offset Math for Speed Source Compare (add 51)	
N247:23			Write MSG Speed Reference Source Word	
N247:35			Read File Offset Math for Position Step Parameter (add 48)	
N247:36			Read File Offset Math for Speed Source Parameter (add 49)	
N247:37			Read File Offset Math for Drive Type (add 41)	
N247:38			Read File Offset Math for Drive Type (add 47)	
N247:53			Write File Offset Math (multiply by 5)	
N247:54			Write File Offset Math for Logic Command (add 47)	
N255:0			Backup Node Address	
O:0/0	OUTPUT_0	Global		
O:0/8				
O:0/9			Node #1 Responding	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
S:0			Arithmetic Flags	
S:0/0			Processor Arithmetic Carry Flag	
S:0/1			Processor Arithmetic Underflow/ Overflow Flag	
S:0/2			Processor Arithmetic Zero Flag	
S:0/3			Processor Arithmetic Sign Flag	
S:1			Processor Mode Status/ Control	
S:1/0			Processor Mode Bit 0	
S:1/1			Processor Mode Bit 1	
S:1/2			Processor Mode Bit 2	
S:1/3			Processor Mode Bit 3	
S:1/4			Processor Mode Bit 4	
S:1/5			Forces Enabled	
S:1/6			Forces Present	
S:1/7			Comms Active	
S:1/8			Fault Override at Powerup	
S:1/9			Startup Protection Fault	
S:1/10			Load Memory Module on Memory Error	
S:1/11			Load Memory Module Always	
S:1/12			Load Memory Module and RUN	
S:1/13			Major Error Halted	
S:1/14			Access Denied	
S:1/15			First Pass	
S:2/0			STI Pending	
S:2/1			STI Enabled	
S:2/2			STI Executing	
S:2/3			Index Addressing File Range	
S:2/4			Saved with Debug Single Step	
S:2/5			DH-485 Incoming Command Pending	
S:2/6			DH-485 Message Reply Pending	
S:2/7			DH-485 Outgoing Message Command Pending	
S:2/15			Comms Servicing Selection	
S:3			Current Scan Time/ Watchdog Scan Time	
S:4			Time Base	
S:5/0			Overflow Trap	
S:5/2			Control Register Error	
S:5/3			Major Err Detected Executing UserFault Routine	
S:5/4			M0-M1 Referenced on Disabled Slot	
S:5/8			Memory Module Boot	
S:5/9			Memory Module Password Mismatch	
S:5/10			STI Overflow	
S:5/11			Battery Low	
S:6			Major Error Fault Code	
S:7			Suspend Code	
S:8			Suspend File	
S:9			Active Nodes	
S:10			Active Nodes	
S:11			I/O Slot Enables	
S:12			I/O Slot Enables	
S:13			Math Register	
S:14			Math Register	
S:15			Node Address/ Baud Rate	
S:16			Debug Single Step Rung	
S:17			Debug Single Step File	
S:18			Debug Single Step Breakpoint Rung	
S:19			Debug Single Step Breakpoint File	
S:20			Debug Fault/ Powerdown Rung	
S:21			Debug Fault/ Powerdown File	
S:22			Maximum Observed Scan Time	
S:23			Average Scan Time	
S:24			Index Register	
S:25			I/O Interrupt Pending	
S:26			I/O Interrupt Pending	
S:27			I/O Interrupt Enabled	
S:28			I/O Interrupt Enabled	
S:29			User Fault Routine File Number	
S:30			STI Setpoint	
S:31			STI File Number	
S:32			I/O Interrupt Executing	
S:33			Extended Proc Status Control Word	
S:33/0			Incoming Command Pending	
S:33/1			Message Reply Pending	
S:33/2			Outgoing Message Command Pending	
S:33/3			Selection Status User/DF1	
S:33/4			Communicat Active	
S:33/5			Communicat Servicing Selection	
S:33/6			Message Servicing Selection Channel 0	
S:33/7			Message Servicing Selection Channel 1	
S:33/8			Interrupt Latency Control Flag	
S:33/9			Scan Toggle Flag	
S:33/10			Discrete Input Interrupt Reconfigur Flag	
S:33/11			Online Edit Status	
S:33/12			Online Edit Status	
S:33/13			Scan Time Timebase Selection	
S:33/14			DTR Control Bit	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
S:33/15			DTR Force Bit	
S:34			Pass-thru Disabled	
S:34/0			Pass-Thru Disabled Flag	
S:34/1			DH+ Active Node Table Enable Flag	
S:34/2			Floating Point Math Flag Disable,Fl	
S:35			Last 1 ms Scan Time	
S:36			Extended Minor Error Bits	
S:36/8			DII Lost	
S:36/9			STI Lost	
S:36/10			Memory Module Data File Overwrite Protection	
S:37			Clock Calendar Year	
S:38			Clock Calendar Month	
S:39			Clock Calendar Day	
S:40			Clock Calendar Hours	
S:41			Clock Calendar Minutes	
S:42			Clock Calendar Seconds	
S:43			STI Interrupt Time	
S:44			I/O Event Interrupt Time	
S:45			DII Interrupt Time	
S:46			Discrete Input Interrupt- File Number	
S:47			Discrete Input Interrupt- Slot Number	
S:48			Discrete Input Interrupt- Bit Mask	
S:49			Discrete Input Interrupt- Compare Value	
S:50			Processor Catalog Number	
S:51			Discrete Input Interrupt- Return Number	
S:52			Discrete Input Interrupt- Accumulat	
S:53			Reserved/ Clock Calendar Day of the Week	
S:55			Last DII Scan Time	
S:56			Maximum Observed DII Scan Time	
S:57			Operating System Catalog Number	
S:58			Operating System Series	
S:59			Operating System FRN	
S:61			Processor Series	
S:62			Processor Revision	
S:63			User Program Type	
S:64			User Program Functional Index	
S:65			User RAM Size	
S:66			Flash EEPROM Size	
S:67			Channel 0 Active Nodes	
S:68			Channel 0 Active Nodes	
S:69			Channel 0 Active Nodes	
S:70			Channel 0 Active Nodes	
S:71			Channel 0 Active Nodes	
S:72			Channel 0 Active Nodes	
S:73			Channel 0 Active Nodes	
S:74			Channel 0 Active Nodes	
S:75			Channel 0 Active Nodes	
S:76			Channel 0 Active Nodes	
S:77			Channel 0 Active Nodes	
S:78			Channel 0 Active Nodes	
S:79			Channel 0 Active Nodes	
S:80			Channel 0 Active Nodes	
S:81			Channel 0 Active Nodes	
S:82			Channel 0 Active Nodes	
S:83			DH+ Active Nodes	
S:84			DH+ Active Nodes	
S:85			DH+ Active Nodes	
S:86			DH+ Active Nodes	
ST242:0	STS_DRV_DESCRIPTION	Global	Drive Description	
T100:0			Start Machine Timer	
T100:1			Stop Machine Timer	
T237:0	T238	Global	Node Scan Timer	
T237:0/EN			Comms Scan Cycle Timer	
T238:0			Comms Scan Cycle Timer	
T238:0/EN				
T242:0				
U:100			User Machine Control Program	
U:239			Drive Control PVc Display Control	
U:240			Modbus Device Communication Scan Routine	
U:241			PowerFlex 4-Class Drive Control Routine	

Instruction Comment Database

Address	Instruction	Description
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Symbol Group Database

Group_Name	Description
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