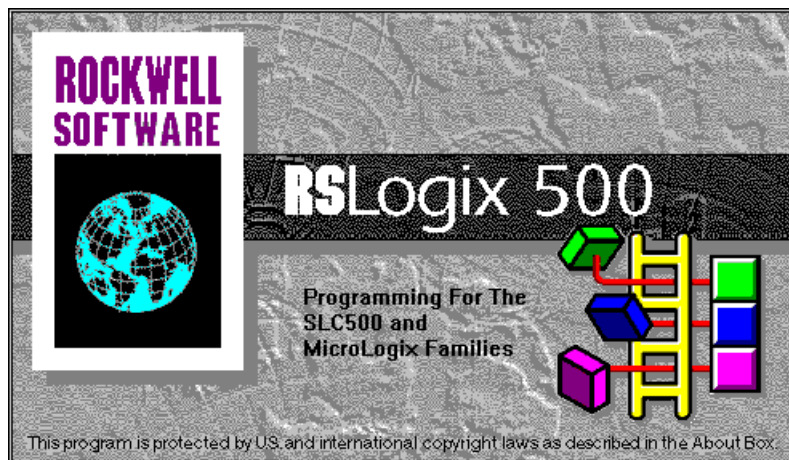


# RSLogix500 Project Report



Processor Information

---

Processor Type: 1747-L532C/D 5/03 CPU - 16K Mem. OS302

Processor Name: UNTITLED

Total Memory Used: 189 Instruction Words Used - 91 Data Table Words Used

Total Memory Left: 12099 Instruction Words Left

Program Files: 3

Data Files: 9

Program ID: 9d1a

## I/O Configuration

---

|   |              |                                 |
|---|--------------|---------------------------------|
| 0 | 1747-L532C/D | 5/03 CPU - 16K Mem. OS302       |
| 1 | 1746-NIO4I   | Analog 2 Ch In/2 Ch Current Out |
| 2 | 1746-IB16    | 16-Input (SINK) 24 VDC          |
| 3 | 1746-IB16    | 16-Input (SINK) 24 VDC          |
| 4 | 1746-OW16    | 16-Output (RLY) 240 VAC         |
| 5 | 1746-OW16    | 16-Output (RLY) 240 VAC         |
| 6 | 1746-OW16    | 16-Output (RLY) 240 VAC         |

## Channel Configuration

## GENERAL

Channel 1 Write Protected: No  
Channel 1 Edit Resource/Owner Timeout: 60  
Channel 1 Passthru Link ID: 2

CHANNEL 1 (SYSTEM) - Driver: DH485

Node : 1 (decimal)  
Baud: 19200  
Token Hold Factor: 1  
Max Node Address: 31

CHANNEL 0 (SYSTEM) - Driver: Shutdown

CHANNEL 0 (USER) - Driver: Shutdown

## Program File List

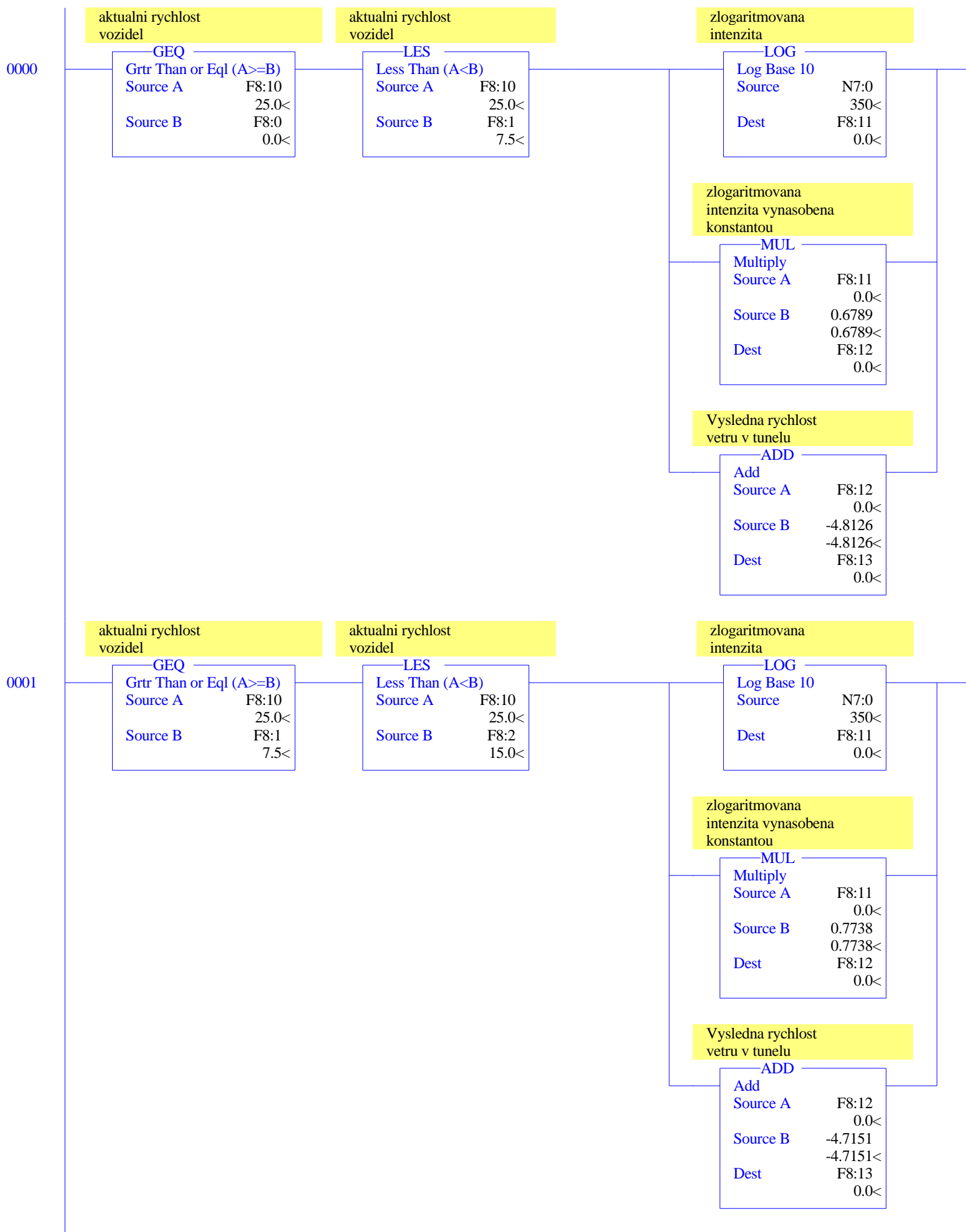
| Name     | Number | Type   | Rungs | Debug | Bytes |
|----------|--------|--------|-------|-------|-------|
| [SYSTEM] | 0      | SYS    | 0     | No    | 0     |
|          | 1      | SYS    | 0     | No    | 0     |
|          | 2      | LADDER | 10    | No    | 777   |

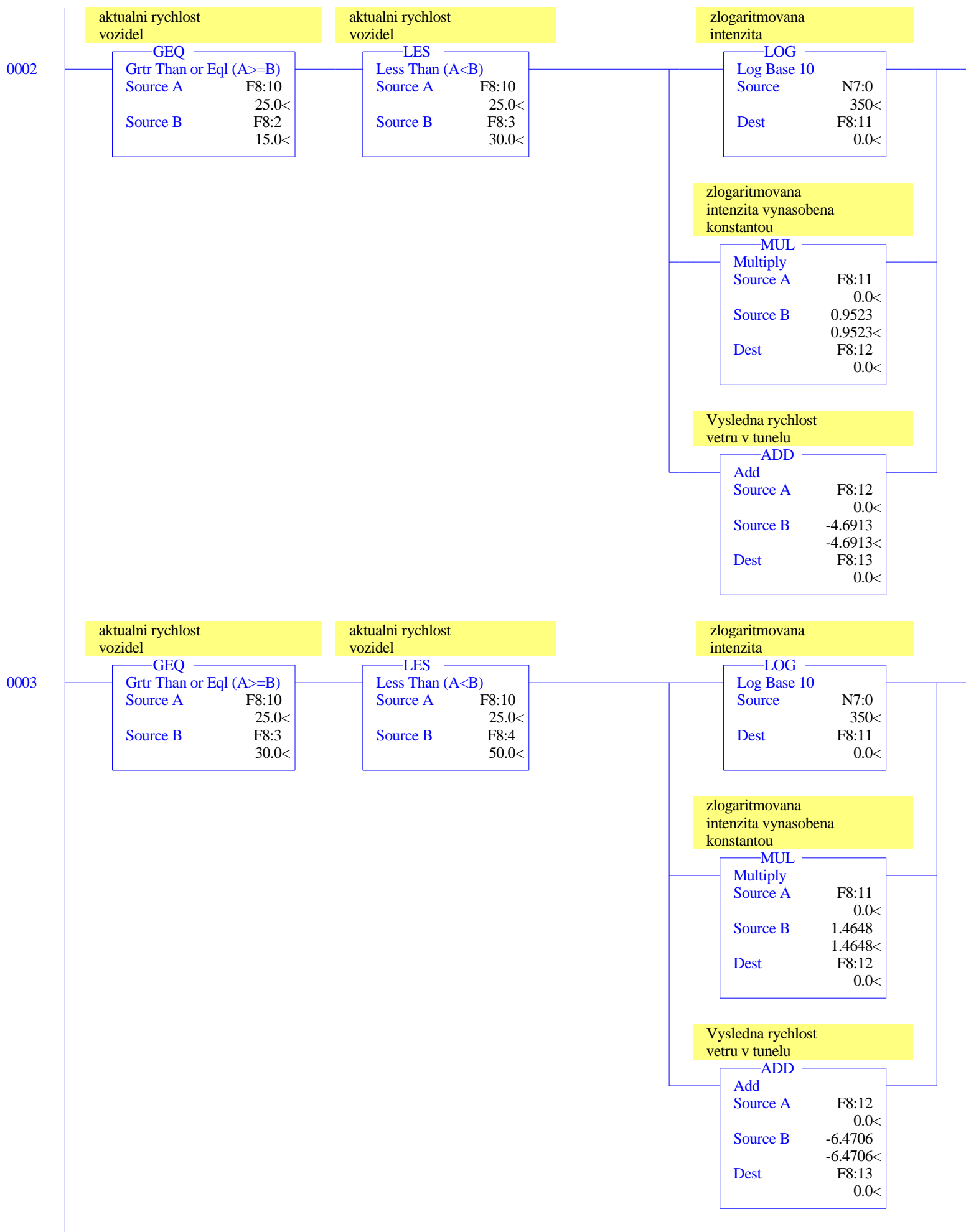
## Data File List

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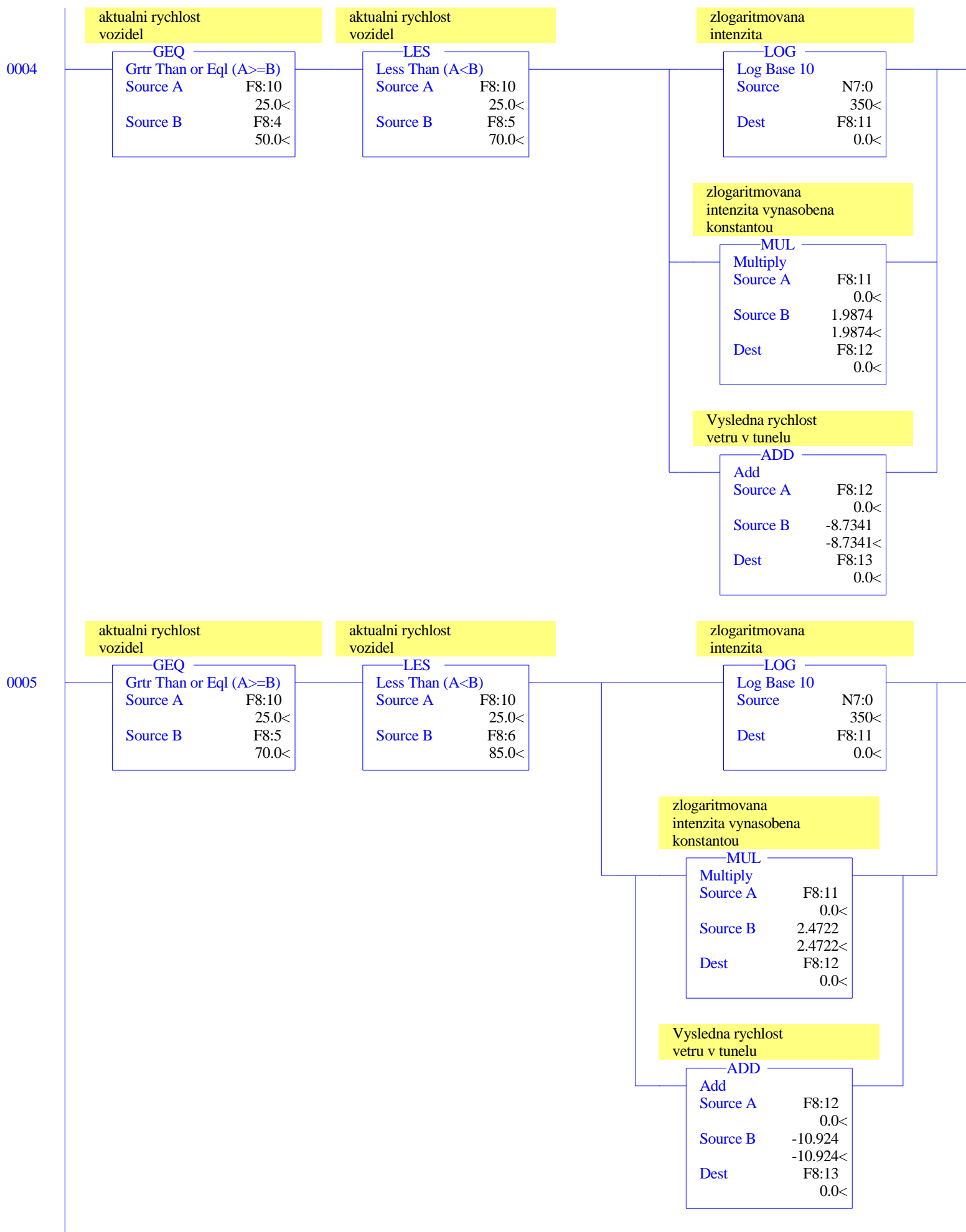
| Name    | Number | Type | Scope  | Debug | Words | Elements | Last  |
|---------|--------|------|--------|-------|-------|----------|-------|
| OUTPUT  | 0      | O    | Global | No    | 15    | 5        | O:4   |
| INPUT   | 1      | I    | Global | No    | 12    | 4        | I:3   |
| STATUS  | 2      | S    | Global | No    | 0     | 83       | S:82  |
| BINARY  | 3      | B    | Global | No    | 1     | 1        | B3:0  |
| TIMER   | 4      | T    | Global | No    | 9     | 3        | T4:2  |
| COUNTER | 5      | C    | Global | No    | 3     | 1        | C5:0  |
| CONTROL | 6      | R    | Global | No    | 3     | 1        | R6:0  |
| INTEGER | 7      | N    | Global | No    | 20    | 20       | N7:19 |
| FLOAT   | 8      | F    | Global | No    | 28    | 14       | F8:13 |

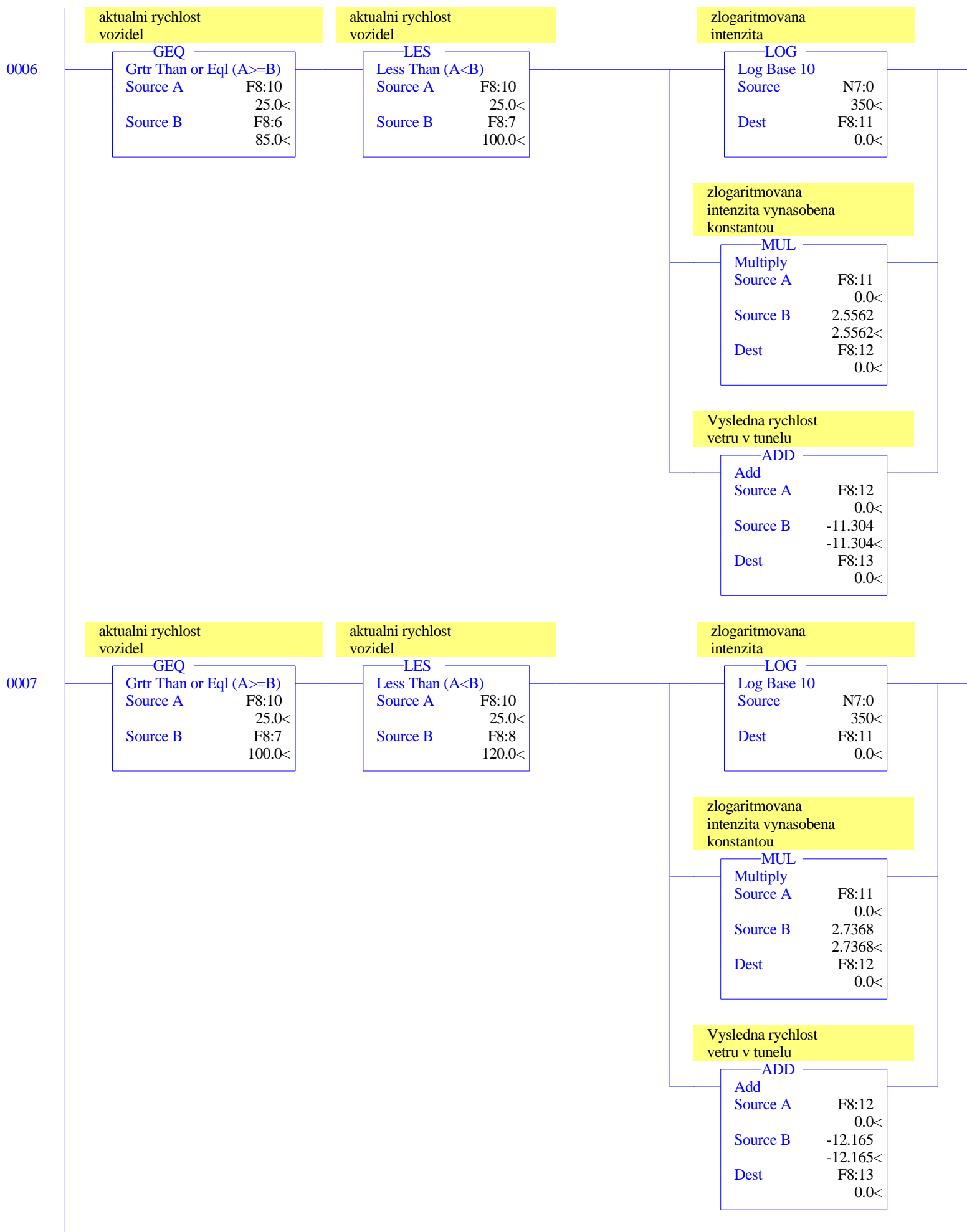
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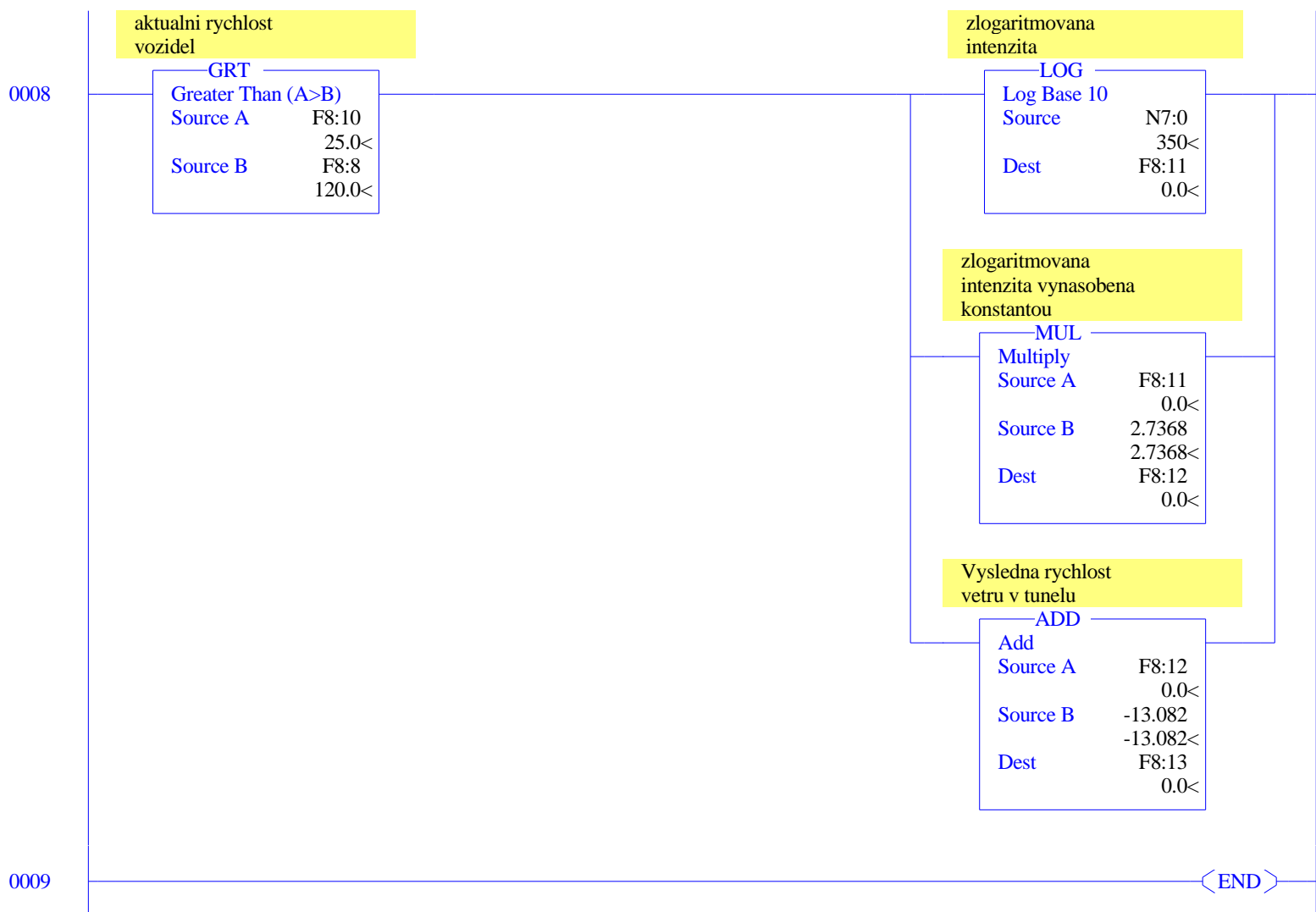












| Offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |  |
|--------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|
| O:1.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-NIO4I - Analog 2 Ch In/2 Ch Current O |
| O:1.1  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-NIO4I - Analog 2 Ch In/2 Ch Current O |
| O:4.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-OW16 - 16-Output (RLY) 240 VAC        |
| O:5.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-OW16 - 16-Output (RLY) 240 VAC        |
| O:6.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-OW16 - 16-Output (RLY) 240 VAC        |

| Offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |  |
|--------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|
| I:1.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1746-NIO4I - Analog 2 Ch In/2 Ch Current O |
| I:1.1  | 0  | 0  | 0  | 0  | 0  | 1  | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1746-NIO4I - Analog 2 Ch In/2 Ch Current O |
| I:2.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-IB16 - 16-Input (SINK) 24 VDC         |
| I:3.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1746-IB16 - 16-Input (SINK) 24 VDC         |

**Main**

```

First Pass S:1/15 = No
Index Register S:24 = 0
Free Running Clock S:4 = 0000-0000-0000-0000
Index Across Data Files S:2/3 = No
CIF Addressing Mode S:2/8 = 0
Online Edits S:33/11 - S:33/12 = No online edits exist

```

DD / MM / YYYY  
Date S:39-37 = 0 / 0 / 0

HH : MM : SS  
Time S:40-42 = 0 : 0 : 0

**Proc**

```

OS Catalog Number S:57 = 0
OS Series S:58 = A
OS FRS S:59 = 0
Processor Catalog Number S:60 = 0
Processor Series S:61 = A
Processor FRN S:62 = 0
User Program Type S:63 = 1
User Program Functionality Index S:64 = 65
User RAM Size S:66 = 0
OS Memory Size S:66 = 0

```

**Scan Times**

```

Maximum (x10 ms) S:22 = 0
Average (x10 ms) S:23 = 0
Current (x10 ms) S:3 (low byte) = 0
Watchdog (x10 ms) S:3 (high byte) = 10
Last lms Scan Time S:35 = 0
Scan Toggle Bit S:33/9 = 0
Time Base Selection S:33/13 = 0

```

**Math**

```

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

```

**IO**

```

I/O Interrupt Executing S:32 = 0
Interrupt Latency Control S:33/8 = 0
Event Interrupt 10 uS Time Stamp S:44 = 0

```

```

I/O Slot Enables: S:11 _S:12
0          10          20          30
11111111  11111111  11111111  11111111

```

```

I/O Slot Interrupt Enables: S:27 _S:28
0          10          20          30
11111111  11111111  11111111  11111111

```

```

I/O Slot Interrupt Pending: S:25 _S:26
0          10          20          30
00000000  00000000  00000000  00000000

```

**Chan 0**

```

Processor Mode S:1/0- S:1/4 = Remote Program Mode
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
DTR Control Bit S:33/14 = 0
DTR Force Bit S:33/15 = 0
Outgoing Msg Cmd Pending S:33/2 = 0
Comms Servicing Sel S:33/5 = 0
Msg Servicing Sel S:33/6 = 0
Modem Lost S:5/14 = 0

```

**Ch 0 Nodes**

DF1 Half-Duplex Master Channel 0 Active Node Table (S:67-S:82):

|                         |                     |
|-------------------------|---------------------|
| Node 0                  | 16                  |
| 0 0000-0000-0000-0000   | 0000-0000-0000-0000 |
| 32 0000-0000-0000-0000  | 0000-0000-0000-0000 |
| 64 0000-0000-0000-0000  | 0000-0000-0000-0000 |
| 96 0000-0000-0000-0000  | 0000-0000-0000-0000 |
| 128 0000-0000-0000-0000 | 0000-0000-0000-0000 |
| 160 0000-0000-0000-0000 | 0000-0000-0000-0000 |
| 192 0000-0000-0000-0000 | 0000-0000-0000-0000 |
| 224 0000-0000-0000-0000 | 0000-0000-0000-0000 |

**Chan 1**

Processor Mode S:1/0- S:1/4 = Remote Program Mode  
Node Address S:15 (low byte) = 1      Outgoing Msg Cmd Pending S:2/7 = 0  
Baud Rate S:15 (high byte) = 19200      Comms Servicing Sel S:2/15 = 1  
Comms Active S:1/7 = 0      Msg Servicing Sel S:33/7 = 0  
Incoming Cmd Pending S:2/5 = 0  
Msg Reply Pending S:2/6 = 0

Active Nodes: S:9 \_S:10

|          |          |          |          |
|----------|----------|----------|----------|
| 0        | 10       | 20       | 30       |
| 00000000 | 00000000 | 00000000 | 00000000 |

**Debug**

Suspend Code S:7 = 0      Test Single Step Breakpoint  
Suspend File S:8 = 0      Rung # S:18 = 0  
Compiled For Single Step S:2/4 = Yes      File # S:19 = 0

Fault/Powerdown      Test Single Step  
Fault/Powerdown (Rung #) S:20 = 0      Rung # S:16 = 0  
(File #) S:21 = 0      File # S:17 = 0

**Errors**

Fault Override At Power Up S:1/8 = 0      ASCII String Manipulation error S:5/15 = 0  
Startup Protection Fault S:1/9 = 0      Fault Routine S:29 = 0  
Major Error Halt S:1/13 = 0      Major Error S:6 = 0h

Overflow Trap S:5/0 = 0  
Control Register Error S:5/2 = 0      Error Description:  
Major Error Executing User  
Fault Rtn. S:5/3 = 0  
M0/M1 Referenced On Disabled  
Slot S:5/4 = 0  
Battery Low S:5/11 = 0  
Fault/Powerdown (Rung #) S:20 = 0  
(File #) S:21 = 0

**STI**

Setpoint (x10ms) S:30 = 0      Resolution Select Bit S:2/10 = 0  
File Number S:31 = 0      Executing Bit S:2/2 = 0  
10 uS Time Stamp S:43 = 0      Overflow Bit S:5/10 = 0  
Pending Bit S:2/0 = 0      Lost S:36/9 = 0  
Enable Bit S:2/1 = 1      Interrupt Latency Control S:33/8 = 0

**DII**

Preset S:50 = 0      File Number S:46 = 0  
Accumulator S:52 = 0      Slot Number S:47 = 0  
Pending Bit S:2/11 = 0      Bit Mask S:48 = 0h  
Enable Bit S:2/12 = 1      Compare Value S:49 = 0h  
Executing Bit S:2/13 = 0      Return Mask S:51 = 0h  
Reconfiguration Bit S:33/10 = 0      Last Scan Time (x1 ms) S:55 = 0  
Overflow Bit S:5/12 = 0      Max Observed Scan Time (x1 ms) S:56 = 0  
Lost S:36/8 = 0      Interrupt Latency Control S:33/8 = 0  
10 uS Time Stamp S:45 = 0

**Protection**

Deny Future Access S:1/14 = No

**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

Load Memory Module and RUN S:1/12 = 0

Program Compare S:2/9 = 0

Data File Overwrite Protection Lost S:36/10 = 0

**Forces**

Forces Enabled S:1/5 = No

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 | 0 | 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  | 1.0 sec | 2   | 0   |                      |
| T4:1   | 0  | 0  | 0  | .01 sec | 500 | 0   |                      |
| T4:2   | 0  | 0  | 0  | 1.0 sec | 2   | 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   |          |             |

---

| Offset | EN | EU | DN | EM | ER | UL | IN | FD | LEN | POS | (Symbol) | Description |
|--------|----|----|----|----|----|----|----|----|-----|-----|----------|-------------|
|--------|----|----|----|----|----|----|----|----|-----|-----|----------|-------------|

|      |   |   |   |   |   |   |   |   |   |   |  |  |
|------|---|---|---|---|---|---|---|---|---|---|--|--|
| R6:0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|------|---|---|---|---|---|---|---|---|---|---|--|--|

Data File N7 (dec) -- INTEGER

| Offset | 0   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------|-----|---|---|---|---|---|---|---|---|---|
| N7:0   | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N7:10  | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Data File F8 -- FLOAT

---

|        |    |     |     |     |    |
|--------|----|-----|-----|-----|----|
| Offset | 0  | 1   | 2   | 3   | 4  |
| F8:0   | 0  | 7.5 | 15  | 30  | 50 |
| F8:5   | 70 | 85  | 100 | 120 | 0  |
| F8:10  | 25 | 0   | 0   | 0   |    |

Address (Symbol) = Value [Description]

## Address/Symbol Database

| Address | Symbol | Scope | Description                                    | Sym Group | Dev. Code | ABV | BL |
|---------|--------|-------|--|-----------|-----------|-----|----|
| F8:10   |        |       | aktualni rychlost vozidel                      |           |           |     |    |
| F8:11   |        |       | zlogaritmovana intenzita                       |           |           |     |    |
| F8:12   |        |       | zlogaritmovana intenzita vynasobena konstantou |           |           |     |    |
| F8:13   |        |       | Vysledna rychlost vetru v tunelu               |           |           |     |    |
| N7:0    |        |       | intenzita vozidel                              |           |           |     |    |
| O:1.0   |        |       | =ln(intenzita)                                 |           |           |     |    |
| O:1/15  |        |       |  |           |           |     |    |
| O:1.1   |        |       | ln * konstanta                                 |           |           |     |    |
| O:4/3   |        |       |  |           |           |     |    |
| O:6.0   |        |       | vysledna rychlost vetru                        |           |           |     |    |
| 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       |           |           |     |    |



## Address/Symbol Database

| Address  | Symbol | Scope | Description                                  | Sym Group | Dev. Code | ABV | BL |
|----------|--------|-------|--|-----------|-----------|-----|----|
| 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                              |           |           |     |    |
| 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                             |           |           |     |    |
| T4:1.ACC |        |       |  |           |           |     |    |
| T4:1/DN  |        |       |  |           |           |     |    |

| Address | Instruction | Description |
|---------|-------------|-------------|
|---------|-------------|-------------|

## Symbol Group Database

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| Group_Name | Description |
|------------|-------------|
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