Procedure for overriding the XT DO points.

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| --- |
| The test DEVICE Type Template that I just uploaded adds Hold bits for each XT module DO. The process is::  1) Change the status of the Hold bit to True to disconnect DX-9100 logic from the output and allow updating through the BAS.  2) Change the DO status and command point to reflect the value you desire  3) change the status of the Hold bit to False to reconnect the DX-9100 logic to the output.  As in the other examples, the BAS Active bit needs to be turned on to allow any of this to happen. |

The XT AO Override process is very similar to the DO Process. In fact, it utilizes the same Hold points. Here’s the scoop. The different models of the XP module have different combinations of 8 points on them. There are configuration bits set in XT module points that tell you what kind of I/O is installed on the module and how it is configured. Or, you simply need to rely on your knowledge about the different XT modules. See attachment.

So, if it is a DO point you put that point in Hold mode and write to the DO status and command point as I previously described. If it is an AO point you put it into Hold mode in the same way but you write to the corresponding AO Value point.

FYI – S4 are working on an enhancement that will provide an overlay to the System-91 devices that will make them operate very similar to the Override and Release functionality available with the N2 Open and VMA devices. This means encapsulating the details that I shared with you in a layer of code so that you do not have to deal with it. It is a significant undertaking but it is something that we need to do because many of the BACnet Operator Workstations and BACnet application platforms do not allow the flexibility to take multiple steps to perform these operations. This is a complex enhancement that might have to be done with a major release of the system.

The DX-9100 has DO objects 3 – 8. Each has a structure that defines its attributes as follows.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DO03\_CurrentState | Current State 03 | N2://SYS91.56B:2 | F32 | 1 |  |
| DO03\_OUH | Output In Hold Mode | N2://SYS91.56C.1:1 | Bool | 1 |  |
| DO03\_DOH | Output at High Limit 100 pct | N2://SYS91.56C.2:1 | Bool | 0 |  |
| DO03\_DOL | Output at Low Limit 0 pct | N2://SYS91.56C.3:1 | Bool | 0 |  |
| DO03\_DOF | Output is Forced | N2://SYS91.56C.4:1 | Bool | 0 |  |
| DO03\_AFB | Incorrect Feedback | N2://SYS91.56C.5:1 | Bool | 0 |  |
| DO03\_OUL | Logic Control Lock | N2://SYS91.56C.6:1 | Bool | 0 |  |
| DO03\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.560.1:1 | Bool | 1 |  |
| DO03\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.560.2:1 | Bool | 0 |  |
| DO03\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.560.3:1 | Bool | 0 |  |
| DO03\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.560.7:1 | Bool | 0 |  |
| DO03\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.560.8:1 | Bool | 0 |  |
| DO04\_CurrentState | Current State 04 | N2://SYS91.57B:2 | F32 | 1 |  |
| DO04\_OUH | Output In Hold Mode | N2://SYS91.57B.1:1 | Bool | 1 |  |
| DO04\_DOH | Output at High Limit 100 pct | N2://SYS91.57B.2:1 | Bool | 0 |  |
| DO04\_DOL | Output at Low Limit 0 pct | N2://SYS91.57B.3:1 | Bool | 0 |  |
| DO04\_DOF | Output is Forced | N2://SYS91.57B.4:1 | Bool | 0 |  |
| DO04\_AFB | Incorrect Feedback | N2://SYS91.57B.5:1 | Bool | 0 |  |
| DO04\_OUL | Logic Control Lock | N2://SYS91.57B.6:1 | Bool | 0 |  |
| DO04\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.570.1:1 | Bool | 1 |  |
| DO04\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.570.2:1 | Bool | 0 |  |
| DO04\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.570.3:1 | Bool | 0 |  |
| DO04\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.570.7:1 | Bool | 0 |  |
| DO04\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.570.8:1 | Bool | 0 |  |
| DO05\_CurrentState | Current State 05 | N2://SYS91.58B:2 | F32 | 1 |  |
| DO05\_OUH | Output In Hold Mode | N2://SYS91.58B.1:1 | Bool | 1 |  |
| DO05\_DOH | Output at High Limit 100 pct | N2://SYS91.58B.2:1 | Bool | 0 |  |
| DO05\_DOL | Output at Low Limit 0 pct | N2://SYS91.58B.3:1 | Bool | 0 |  |
| DO05\_DOF | Output is Forced | N2://SYS91.58B.4:1 | Bool | 0 |  |
| DO05\_AFB | Incorrect Feedback | N2://SYS91.58B.5:1 | Bool | 0 |  |
| DO05\_OUL | Logic Control Lock | N2://SYS91.58B.6:1 | Bool | 0 |  |
| DO05\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.580.1:1 | Bool | 1 |  |
| DO05\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.580.2:1 | Bool | 0 |  |
| DO05\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.580.3:1 | Bool | 0 |  |
| DO05\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.580.7:1 | Bool | 0 |  |
| DO05\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.580.8:1 | Bool | 0 |  |
| DO06\_CurrentState | Current State 06 | N2://SYS91.59B:2 | F32 | 1 |  |
| DO06\_OUH | Output In Hold Mode | N2://SYS91.59B.1:1 | Bool | 1 |  |
| DO06\_DOH | Output at High Limit 100 pct | N2://SYS91.59B.2:1 | Bool | 0 |  |
| DO06\_DOL | Output at Low Limit 0 pct | N2://SYS91.59B.3:1 | Bool | 0 |  |
| DO06\_DOF | Output is Forced | N2://SYS91.59B.4:1 | Bool | 0 |  |
| DO06\_AFB | Incorrect Feedback | N2://SYS91.59B.5:1 | Bool | 0 |  |
| DO06\_OUL | Logic Control Lock | N2://SYS91.59B.6:1 | Bool | 0 |  |
| DO06\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.590.1:1 | Bool | 1 |  |
| DO06\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.590.2:1 | Bool | 0 |  |
| DO06\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.590.3:1 | Bool | 0 |  |
| DO06\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.590.7:1 | Bool | 0 |  |
| DO06\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.590.8:1 | Bool | 0 |  |
| DO07\_CurrentState | Current State 07 | N2://SYS91.5AB:2 | F32 | 1 |  |
| DO07\_OUH | Output In Hold Mode | N2://SYS91.5AB.1:1 | Bool | 1 |  |
| DO07\_DOH | Output at High Limit 100 pct | N2://SYS91.5AB.2:1 | Bool | 0 |  |
| DO07\_DOL | Output at Low Limit 0 pct | N2://SYS91.5AB.3:1 | Bool | 0 |  |
| DO07\_DOF | Output is Forced | N2://SYS91.5AB.4:1 | Bool | 0 |  |
| DO07\_AFB | Incorrect Feedback | N2://SYS91.5AB.5:1 | Bool | 0 |  |
| DO07\_OUL | Logic Control Lock | N2://SYS91.5AB.6:1 | Bool | 0 |  |
| DO07\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.5A0.1:1 | Bool | 1 |  |
| DO07\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.5A0.2:1 | Bool | 0 |  |
| DO07\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.5A0.3:1 | Bool | 0 |  |
| DO07\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.5A0.7:1 | Bool | 0 |  |
| DO07\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.5A0.8:1 | Bool | 0 |  |
| DO08\_CurrentState | Current State 08 | N2://SYS91.5BB:2 | F32 | 1 |  |
| DO08\_OUH | Output In Hold Mode | N2://SYS91.5BB.1:1 | Bool | 1 |  |
| DO08\_DOH | Output at High Limit 100 pct | N2://SYS91.5BB.2:1 | Bool | 0 |  |
| DO08\_DOL | Output at Low Limit 0 pct | N2://SYS91.5BB.3:1 | Bool | 0 |  |
| DO08\_DOF | Output is Forced | N2://SYS91.5BB.4:1 | Bool | 0 |  |
| DO08\_AFB | Incorrect Feedback | N2://SYS91.5BB.5:1 | Bool | 0 |  |
| DO08\_OUL | Logic Control Lock | N2://SYS91.5BB.6:1 | Bool | 0 |  |
| DO08\_DOM1 | Digital Output Mode bit 1 | N2://SYS91.5B0.1:1 | Bool | 1 |  |
| DO08\_DOM2 | Digital Output Mode bit 2 | N2://SYS91.5B0.2:1 | Bool | 0 |  |
| DO08\_DOM3 | Digital Output Mode bit 3 | N2://SYS91.5B0.3:1 | Bool | 0 |  |
| DO08\_PUS | Power Up Status 0=Hold 1=Auto | N2://SYS91.5B0.7:1 | Bool | 0 |  |
| DO08\_EnablePUS | Enable PUS Set at Power Up | N2://SYS91.5B0.8:1 | Bool | 0 |  |

There is a Supervisory word that allows you to command the Triac outputs directly.

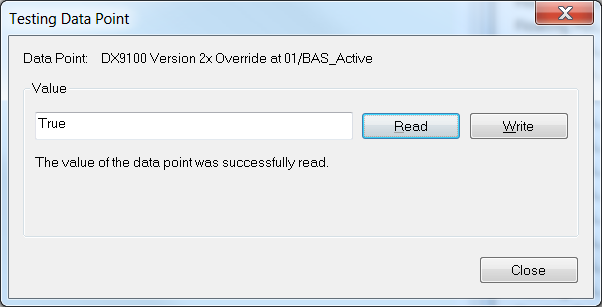
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DO03C | SUP Set Output 3 On | N2://SYS91.1.1:2 | BOOL | 1 |  |
| DO04C | SUP Set Output 4 On | N2://SYS91.1.2:2 | BOOL | 1 |  |
| DO05C | SUP Set Output 5 On | N2://SYS91.1.3:2 | BOOL | 1 |  |
| DO06C | SUP Set Output 6 On | N2://SYS91.1.4:2 | BOOL | 1 |  |
| DO07C | SUP Set Output 7 On | N2://SYS91.1.5:2 | BOOL | 1 |  |
| DO08C | SUP Set Output 8 On | N2://SYS91.1.6:2 | BOOL | 1 |  |
| DO03E | Enable Output 3 SUP Control | N2://SYS91.1.9:2 | BOOL | 1 |  |
| DO04E | Enable Output 4 SUP Control | N2://SYS91.1.A:2 | BOOL | 1 |  |
| DO05E | Enable Output 5 SUP Control | N2://SYS91.1.B:2 | BOOL | 1 |  |
| DO06E | Enable Output 6 SUP Control | N2://SYS91.1.C:2 | BOOL | 1 |  |
| DO07E | Enable Output 7 SUP Control | N2://SYS91.1.D:2 | BOOL | 1 |  |
| DO08E | Enable Output 8 SUP Control | N2://SYS91.1.E:2 | BOOL | 1 |  |
| BAS\_Active | Supervisory System is Active | N2://SYS91.1.10:2 | BOOL | 1 |  |
| SUP\_Word | Item 1 SUP - full word | N2://sys91.1:2 | UI16 | 1 |  |

There is also a read only status bit that tells you the actual state of each Triac.

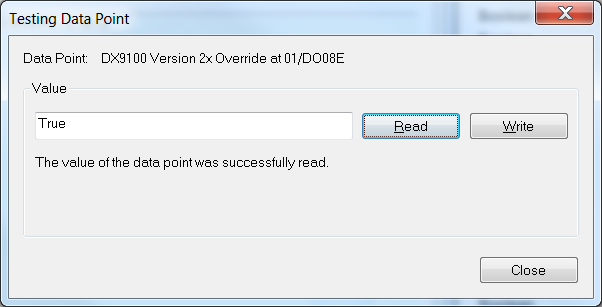
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DO03\_Triac | Output 3 is On | N2://SYS91.5.1:1 | BOOL | 0 |  |
| DO04\_Triac | Output 4 is On | N2://SYS91.5.2:1 | BOOL | 0 |  |
| DO05\_Triac | Output 5 is On | N2://SYS91.5.3:1 | BOOL | 0 |  |
| DO06\_Triac | Output 6 is On | N2://SYS91.5.4:1 | BOOL | 0 |  |
| DO07\_Triac | Output 7 is On | N2://SYS91.5.5:1 | BOOL | 0 |  |
| DO08\_Triac | Output 8 is On | N2://SYS91.5.6:1 | BOOL | 0 |  |

Here is the process and the results.

Step 1. In order to have the BAS send commands to the DX-9100 you need to make sure that the BAS Active Bit is turned on.

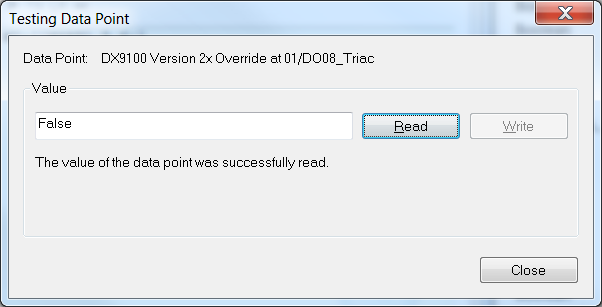


Step 2. For each DO that you want the BAS to command you need to set the corresponding Enable bit. In this case I’m going to work with DO 08 as an example.

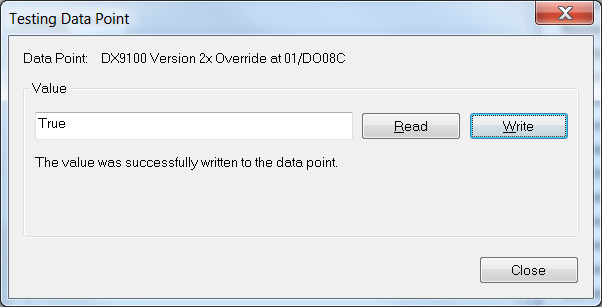


Step 3. Now you can toggle the Triac output by setting the Command bit to the state that you want. We can validate this by looking at the actual state of the Triac.

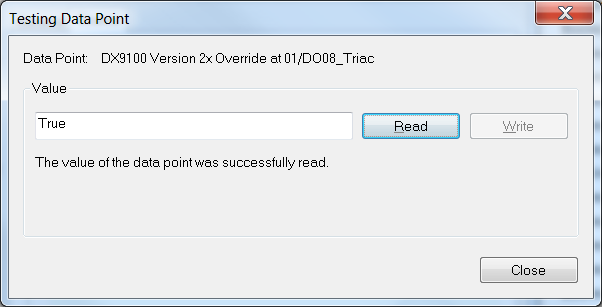
Right now it is set to False.



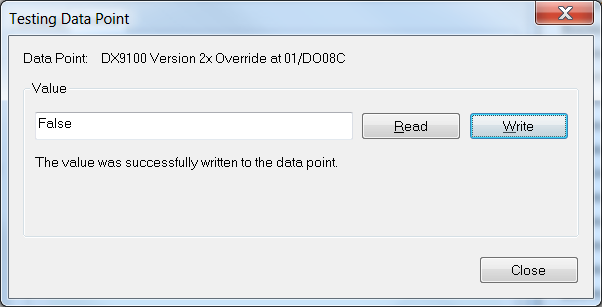
I’ll override it to true with the Command bit.



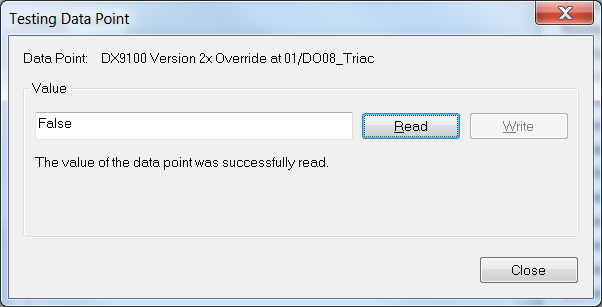
Verify the results.



Now, I Command it to False



And see the Triac state change.



One thing that you need to be aware of is that these forced Triac output values are not reflected by the LEDs on the front panel of the DX-9100. This is documented on page 110 of the DX-9100 Technical Bulletin.

We can assist you with getting these points defined in your custom device type template for your DX-9100 so that you have access to them. I would recommend that you invest some time in studying the DX-9100 manuals to make sure that you achieve your desired results.

I have attached the test lab device type template where I defined these points. This is only for use in demonstrating the override process.

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Name,Description,DeviceType

DX9100 Version 2x Override,DX9100 Version 2x Override testing,N2://Sys91.15

Name,Description,Source,DataType,Writeable,bid

ACO01\_CurrentValue,Analog Constant Value 01,N2://SYS91.22:2,F32,1,

ACO02\_CurrentValue,Analog Constant Value 02,N2://SYS91.23:2,F32,1,

ACO03\_CurrentValue,Analog Constant Value 03,N2://SYS91.24:2,F32,1,

ACO04\_CurrentValue,Analog Constant Value 04,N2://SYS91.25:2,F32,1,

ACO05\_CurrentValue,Analog Constant Value 05,N2://SYS91.26:2,F32,1,

ACO06\_CurrentValue,Analog Constant Value 06,N2://SYS91.27:2,F32,1,

ACO07\_CurrentValue,Analog Constant Value 07,N2://SYS91.28:2,F32,1,

ACO08\_CurrentValue,Analog Constant Value 08,N2://SYS91.29:2,F32,1,

AI01\_CurrentValue,Analog Input Value 01,N2://SYS91.4C7:2,F32,1,

AI02\_CurrentValue,Analog Input Value 02,N2://SYS91.4D7:2,F32,1,

AI03\_CurrentValue,Analog Input Value 03,N2://SYS91.4E7:2,F32,1,

AI04\_CurrentValue,Analog Input Value 04,N2://SYS91.4F7:2,F32,1,

AI05\_CurrentValue,Analog Input Value 05,N2://SYS91.507:2,F32,1,

AI06\_CurrentValue,Analog Input Value 06,N2://SYS91.517:2,F32,1,

AI07\_CurrentValue,Analog Input Value 07,N2://SYS91.527:2,F32,1,

AI08\_CurrentValue,Analog Input Value 08,N2://SYS91.537:2,F32,1,

AO01\_CurrentValue,Analog Output Value 01,N2://SYS91.546:2,F32,1,

AO02\_CurrentValue,Analog Output Value 02,N2://SYS91.556:2,F32,1,

AO03\_CurrentValue,Analog Output Value 03,N2://SYS91.906:2,F32,1,

AO04\_CurrentValue,Analog Output Value 04,N2://SYS91.916:2,F32,1,

AO05\_CurrentValue,Analog Output Value 05,N2://SYS91.926:2,F32,1,

AO06\_CurrentValue,Analog Output Value 06,N2://SYS91.936:2,F32,1,

AO07\_CurrentValue,Analog Output Value 07,N2://SYS91.946:2,F32,1,

AO08\_CurrentValue,Analog Output Value 08,N2://SYS91.956:2,F32,1,

DCO01,Logic Constants (Digital Constants) 01,N2://SYS91.A.1:2,BOOL,1,

DCO02,Logic Constants (Digital Constants) 02,N2://SYS91.A.2:2,BOOL,1,

DCO03,Logic Constants (Digital Constants) 03,N2://SYS91.A.3:2,BOOL,1,

DCO04,Logic Constants (Digital Constants) 04,N2://SYS91.A.4:2,BOOL,1,

DCO05,Logic Constants (Digital Constants) 05,N2://SYS91.A.5:2,BOOL,1,

DCO06,Logic Constants (Digital Constants) 06,N2://SYS91.A.6:2,BOOL,1,

DCO07,Logic Constants (Digital Constants) 07,N2://SYS91.A.7:2,BOOL,1,

DCO08,Logic Constants (Digital Constants) 08,N2://SYS91.A.8:2,BOOL,1,

DCO09,Logic Constants (Digital Constants) 09,N2://SYS91.A.9:2,BOOL,1,

DCO10,Logic Constants (Digital Constants) 10,N2://SYS91.A.A:2,BOOL,1,

DCO11,Logic Constants (Digital Constants) 11,N2://SYS91.A.B:2,BOOL,1,

DCO12,Logic Constants (Digital Constants) 12,N2://SYS91.A.C:2,BOOL,1,

DCO13,Logic Constants (Digital Constants) 13,N2://SYS91.A.D:2,BOOL,1,

DCO14,Logic Constants (Digital Constants) 14,N2://SYS91.A.E:2,BOOL,1,

DCO15,Logic Constants (Digital Constants) 15,N2://SYS91.A.F:2,BOOL,1,

DCO16,Logic Constants (Digital Constants) 16,N2://SYS91.A.10:2,BOOL,1,

DCO17,Logic Constants (Digital Constants) 17,N2://SYS91.B.1:2,BOOL,1,

DCO18,Logic Constants (Digital Constants) 18,N2://SYS91.B.2:2,BOOL,1,

DCO19,Logic Constants (Digital Constants) 19,N2://SYS91.B.3:2,BOOL,1,

DCO20,Logic Constants (Digital Constants) 20,N2://SYS91.B.4:2,BOOL,1,

DCO21,Logic Constants (Digital Constants) 21,N2://SYS91.B.5:2,BOOL,1,

DCO22,Logic Constants (Digital Constants) 22,N2://SYS91.B.6:2,BOOL,1,

DCO23,Logic Constants (Digital Constants) 23,N2://SYS91.B.7:2,BOOL,1,

DCO24,Logic Constants (Digital Constants) 24,N2://SYS91.B.8:2,BOOL,1,

DCO25,Logic Constants (Digital Constants) 25,N2://SYS91.B.9:2,BOOL,1,

DCO26,Logic Constants (Digital Constants) 26,N2://SYS91.B.A:2,BOOL,1,

DCO27,Logic Constants (Digital Constants) 27,N2://SYS91.B.B:2,BOOL,1,

DCO28,Logic Constants (Digital Constants) 28,N2://SYS91.B.C:2,BOOL,1,

DCO29,Logic Constants (Digital Constants) 29,N2://SYS91.B.D:2,BOOL,1,

DCO30,Logic Constants (Digital Constants) 30,N2://SYS91.B.E:2,BOOL,1,

DCO31,Logic Constants (Digital Constants) 31,N2://SYS91.B.F:2,BOOL,1,

DCO32,Logic Constants (Digital Constants) 32,N2://SYS91.B.10:2,BOOL,1,

DI01\_CurrentState,Current State 01,N2://SYS91.6.1:1,BOOL,0,

DI01\_PulseCount,Pulse Count 01,N2://SYS91.D:4,UI32,1,

DI02\_CurrentState,Current State 02,N2://SYS91.6.2:1,BOOL,0,

DI02\_PulseCount,Pulse Count 02,N2://SYS91.e:4,UI32,1,

DI03\_CurrentState,Current State 03,N2://SYS91.6.3:1,BOOL,0,

DI03\_PulseCount,Pulse Count 03,N2://SYS91.F:4,UI32,1,

DI04\_CurrentState,Current State 04,N2://SYS91.6.4:1,BOOL,0,

DI04\_PulseCount,Pulse Count 04,N2://SYS91.10:4,UI32,1,

DI05\_CurrentState,Current State 05,N2://SYS91.6.5:1,BOOL,0,

DI05\_PulseCount,Pulse Count 05,N2://SYS91.11:4,UI32,1,

DI06\_CurrentState,Current State 06,N2://SYS91.6.6:1,BOOL,0,

DI06\_PulseCount,Pulse Count 06,N2://SYS91.12:4,UI32,1,

DI07\_CurrentState,Current State 07,N2://SYS91.6.7:1,BOOL,0,

DI07\_PulseCount,Pulse Count 07,N2://SYS91.13:4,UI32,1,

DI08\_CurrentState,Current State 08,N2://SYS91.6.8:1,BOOL,0,

DI08\_PulseCount,Pulse Count 08,N2://SYS91.14:4,UI32,1,

DO03\_CurrentState,Current State 03,N2://SYS91.56B:2,F32,1,

DO03\_OUH,Output In Hold Mode,N2://SYS91.56C.1:1,Bool,1,

DO03\_DOH,Output at High Limit 100 pct,N2://SYS91.56C.2:1,Bool,0,

DO03\_DOL,Output at Low Limit 0 pct,N2://SYS91.56C.3:1,Bool,0,

DO03\_DOF,Output is Forced,N2://SYS91.56C.4:1,Bool,0,

DO03\_AFB,Incorrect Feedback,N2://SYS91.56C.5:1,Bool,0,

DO03\_OUL,Logic Control Lock,N2://SYS91.56C.6:1,Bool,0,

DO03\_DOM1,Digital Output Mode bit 1,N2://SYS91.560.1:1,Bool,1,

DO03\_DOM2,Digital Output Mode bit 2,N2://SYS91.560.2:1,Bool,0,

DO03\_DOM3,Digital Output Mode bit 3,N2://SYS91.560.3:1,Bool,0,

DO03\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.560.7:1,Bool,0,

DO03\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.560.8:1,Bool,0,

DO04\_CurrentState,Current State 04,N2://SYS91.57B:2,F32,1,

DO04\_OUH,Output In Hold Mode,N2://SYS91.57B.1:1,Bool,1,

DO04\_DOH,Output at High Limit 100 pct,N2://SYS91.57B.2:1,Bool,0,

DO04\_DOL,Output at Low Limit 0 pct,N2://SYS91.57B.3:1,Bool,0,

DO04\_DOF,Output is Forced,N2://SYS91.57B.4:1,Bool,0,

DO04\_AFB,Incorrect Feedback,N2://SYS91.57B.5:1,Bool,0,

DO04\_OUL,Logic Control Lock,N2://SYS91.57B.6:1,Bool,0,

DO04\_DOM1,Digital Output Mode bit 1,N2://SYS91.570.1:1,Bool,1,

DO04\_DOM2,Digital Output Mode bit 2,N2://SYS91.570.2:1,Bool,0,

DO04\_DOM3,Digital Output Mode bit 3,N2://SYS91.570.3:1,Bool,0,

DO04\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.570.7:1,Bool,0,

DO04\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.570.8:1,Bool,0,

DO05\_CurrentState,Current State 05,N2://SYS91.58B:2,F32,1,

DO05\_OUH,Output In Hold Mode,N2://SYS91.58B.1:1,Bool,1,

DO05\_DOH,Output at High Limit 100 pct,N2://SYS91.58B.2:1,Bool,0,

DO05\_DOL,Output at Low Limit 0 pct,N2://SYS91.58B.3:1,Bool,0,

DO05\_DOF,Output is Forced,N2://SYS91.58B.4:1,Bool,0,

DO05\_AFB,Incorrect Feedback,N2://SYS91.58B.5:1,Bool,0,

DO05\_OUL,Logic Control Lock,N2://SYS91.58B.6:1,Bool,0,

DO05\_DOM1,Digital Output Mode bit 1,N2://SYS91.580.1:1,Bool,1,

DO05\_DOM2,Digital Output Mode bit 2,N2://SYS91.580.2:1,Bool,0,

DO05\_DOM3,Digital Output Mode bit 3,N2://SYS91.580.3:1,Bool,0,

DO05\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.580.7:1,Bool,0,

DO05\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.580.8:1,Bool,0,

DO06\_CurrentState,Current State 06,N2://SYS91.59B:2,F32,1,

DO06\_OUH,Output In Hold Mode,N2://SYS91.59B.1:1,Bool,1,

DO06\_DOH,Output at High Limit 100 pct,N2://SYS91.59B.2:1,Bool,0,

DO06\_DOL,Output at Low Limit 0 pct,N2://SYS91.59B.3:1,Bool,0,

DO06\_DOF,Output is Forced,N2://SYS91.59B.4:1,Bool,0,

DO06\_AFB,Incorrect Feedback,N2://SYS91.59B.5:1,Bool,0,

DO06\_OUL,Logic Control Lock,N2://SYS91.59B.6:1,Bool,0,

DO06\_DOM1,Digital Output Mode bit 1,N2://SYS91.590.1:1,Bool,1,

DO06\_DOM2,Digital Output Mode bit 2,N2://SYS91.590.2:1,Bool,0,

DO06\_DOM3,Digital Output Mode bit 3,N2://SYS91.590.3:1,Bool,0,

DO06\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.590.7:1,Bool,0,

DO06\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.590.8:1,Bool,0,

DO07\_CurrentState,Current State 07,N2://SYS91.5AB:2,F32,1,

DO07\_OUH,Output In Hold Mode,N2://SYS91.5AB.1:1,Bool,1,

DO07\_DOH,Output at High Limit 100 pct,N2://SYS91.5AB.2:1,Bool,0,

DO07\_DOL,Output at Low Limit 0 pct,N2://SYS91.5AB.3:1,Bool,0,

DO07\_DOF,Output is Forced,N2://SYS91.5AB.4:1,Bool,0,

DO07\_AFB,Incorrect Feedback,N2://SYS91.5AB.5:1,Bool,0,

DO07\_OUL,Logic Control Lock,N2://SYS91.5AB.6:1,Bool,0,

DO07\_DOM1,Digital Output Mode bit 1,N2://SYS91.5A0.1:1,Bool,1,

DO07\_DOM2,Digital Output Mode bit 2,N2://SYS91.5A0.2:1,Bool,0,

DO07\_DOM3,Digital Output Mode bit 3,N2://SYS91.5A0.3:1,Bool,0,

DO07\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.5A0.7:1,Bool,0,

DO07\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.5A0.8:1,Bool,0,

DO08\_CurrentState,Current State 08,N2://SYS91.5BB:2,F32,1,

DO08\_OUH,Output In Hold Mode,N2://SYS91.5BB.1:1,Bool,1,

DO08\_DOH,Output at High Limit 100 pct,N2://SYS91.5BB.2:1,Bool,0,

DO08\_DOL,Output at Low Limit 0 pct,N2://SYS91.5BB.3:1,Bool,0,

DO08\_DOF,Output is Forced,N2://SYS91.5BB.4:1,Bool,0,

DO08\_AFB,Incorrect Feedback,N2://SYS91.5BB.5:1,Bool,0,

DO08\_OUL,Logic Control Lock,N2://SYS91.5BB.6:1,Bool,0,

DO08\_DOM1,Digital Output Mode bit 1,N2://SYS91.5B0.1:1,Bool,1,

DO08\_DOM2,Digital Output Mode bit 2,N2://SYS91.5B0.2:1,Bool,0,

DO08\_DOM3,Digital Output Mode bit 3,N2://SYS91.5B0.3:1,Bool,0,

DO08\_PUS,Power Up Status 0=Hold 1=Auto,N2://SYS91.5B0.7:1,Bool,0,

DO08\_EnablePUS,Enable PUS Set at Power Up,N2://SYS91.5B0.8:1,Bool,0,

General\_Unit,Device Model,N2://SYS91.0:1,UI8,0,

General\_VER,Version Level of Firmware,N2://SYS91.C:2,UI16,0,

LRS001,Logic Results 01,N2://SYS91.8.1:2,BOOL,1,

LRS002,Logic Results 02,N2://SYS91.8.2:2,BOOL,1,

LRS003,Logic Results 03,N2://SYS91.8.3:2,BOOL,1,

LRS004,Logic Results 04,N2://SYS91.8.4:2,BOOL,1,

LRS005,Logic Results 05,N2://SYS91.8.5:2,BOOL,1,

LRS006,Logic Results 06,N2://SYS91.8.6:2,BOOL,1,

LRS007,Logic Results 07,N2://SYS91.8.7:2,BOOL,1,

LRS008,Logic Results 08,N2://SYS91.8.8:2,BOOL,1,

LRS009,Logic Results 09,N2://SYS91.8.9:2,BOOL,1,

LRS010,Logic Results 010,N2://SYS91.8.A:2,BOOL,1,

LRS011,Logic Results 011,N2://SYS91.8.B:2,BOOL,1,

LRS012,Logic Results 012,N2://SYS91.8.C:2,BOOL,1,

LRS013,Logic Results 013,N2://SYS91.8.D:2,BOOL,1,

LRS014,Logic Results 014,N2://SYS91.8.E:2,BOOL,1,

LRS015,Logic Results 015,N2://SYS91.8.F:2,BOOL,1,

LRS016,Logic Results 016,N2://SYS91.8.10:2,BOOL,1,

LRS017,Logic Results 017,N2://SYS91.9.1:2,BOOL,1,

LRS018,Logic Results 018,N2://SYS91.9.2:2,BOOL,1,

LRS019,Logic Results 019,N2://SYS91.9.3:2,BOOL,1,

LRS020,Logic Results 020,N2://SYS91.9.4:2,BOOL,1,

LRS021,Logic Results 021,N2://SYS91.9.5:2,BOOL,1,

LRS022,Logic Results 022,N2://SYS91.9.6:2,BOOL,1,

LRS023,Logic Results 023,N2://SYS91.9.7:2,BOOL,1,

LRS024,Logic Results 024,N2://SYS91.9.8:2,BOOL,1,

LRS025,Logic Results 025,N2://SYS91.9.9:2,BOOL,1,

LRS026,Logic Results 026,N2://SYS91.9.A:2,BOOL,1,

LRS027,Logic Results 027,N2://SYS91.9.B:2,BOOL,1,

LRS028,Logic Results 028,N2://SYS91.9.C:2,BOOL,1,

LRS029,Logic Results 029,N2://SYS91.9.D:2,BOOL,1,

LRS030,Logic Results 030,N2://SYS91.9.E:2,BOOL,1,

LRS031,Logic Results 031,N2://SYS91.9.F:2,BOOL,1,

LRS032,Logic Results 032,N2://SYS91.9.10:2,BOOL,1,

LRS033,Logic Results 033,N2://SYS91.2C.1:2,BOOL,1,

LRS034,Logic Results 034,N2://SYS91.2C.2:2,BOOL,1,

LRS035,Logic Results 035,N2://SYS91.2C.3:2,BOOL,1,

LRS036,Logic Results 036,N2://SYS91.2C.4:2,BOOL,1,

LRS037,Logic Results 037,N2://SYS91.2C.5:2,BOOL,1,

LRS038,Logic Results 038,N2://SYS91.2C.6:2,BOOL,1,

LRS039,Logic Results 039,N2://SYS91.2C.7:2,BOOL,1,

LRS040,Logic Results 040,N2://SYS91.2C.8:2,BOOL,1,

LRS041,Logic Results 041,N2://SYS91.2C.9:2,BOOL,1,

LRS042,Logic Results 042,N2://SYS91.2C.A:2,BOOL,1,

LRS043,Logic Results 043,N2://SYS91.2C.B:2,BOOL,1,

LRS044,Logic Results 044,N2://SYS91.2C.C:2,BOOL,1,

LRS045,Logic Results 045,N2://SYS91.2C.D:2,BOOL,1,

LRS046,Logic Results 046,N2://SYS91.2C.E:2,BOOL,1,

LRS047,Logic Results 047,N2://SYS91.2C.F:2,BOOL,1,

LRS048,Logic Results 048,N2://SYS91.2C.10:2,BOOL,1,

LRS049,Logic Results 049,N2://SYS91.2D.1:2,BOOL,1,

LRS050,Logic Results 050,N2://SYS91.2D.2:2,BOOL,1,

LRS051,Logic Results 051,N2://SYS91.2D.3:2,BOOL,1,

LRS052,Logic Results 052,N2://SYS91.2D.4:2,BOOL,1,

LRS053,Logic Results 053,N2://SYS91.2D.5:2,BOOL,1,

LRS054,Logic Results 054,N2://SYS91.2D.6:2,BOOL,1,

LRS055,Logic Results 055,N2://SYS91.2D.7:2,BOOL,1,

LRS056,Logic Results 056,N2://SYS91.2D.8:2,BOOL,1,

LRS057,Logic Results 057,N2://SYS91.2D.9:2,BOOL,1,

LRS058,Logic Results 058,N2://SYS91.2D.A:2,BOOL,1,

LRS059,Logic Results 059,N2://SYS91.2D.B:2,BOOL,1,

LRS060,Logic Results 060,N2://SYS91.2D.C:2,BOOL,1,

LRS061,Logic Results 061,N2://SYS91.2D.D:2,BOOL,1,

LRS062,Logic Results 062,N2://SYS91.2D.E:2,BOOL,1,

LRS063,Logic Results 063,N2://SYS91.2D.F:2,BOOL,1,

LRS064,Logic Results 064,N2://SYS91.2D.10:2,BOOL,1,

PFM01\_PMA1,Accumulator 1,N2://SYS91.89:4,UI32,1,

PFM01\_PMA2,Accumulator 2,N2://SYS91.8A:4,UI32,1,

PFM01\_PMA3,Accumulator 3,N2://SYS91.8B:4,UI32,1,

PFM01\_PMA4,Accumulator 4,N2://SYS91.8C:4,UI32,1,

PFM01\_PMA5,Accumulator 5,N2://SYS91.8D:4,UI32,1,

PFM01\_PMA6,Accumulator 6,N2://SYS91.8E:4,UI32,1,

PFM01\_PMA7,Accumulator 7,N2://SYS91.8F:4,UI32,1,

PFM01\_PMA8,Accumulator 8,N2://SYS91.90:4,UI32,1,

PFM01\_PMK001,Module Constant (E) 1,N2://SYS91.5A:2,F32,1,

PFM01\_PMK002,Module Constant (E) 2,N2://SYS91.5B:2,F32,1,

PFM01\_PMK003,Module Constant (E) 3,N2://SYS91.5C:2,F32,1,

PFM01\_PMK004,Module Constant (E) 4,N2://SYS91.5D:2,F32,1,

PFM01\_PMK005,Module Constant (E) 5,N2://SYS91.5E:2,F32,1,

PFM01\_PMK006,Module Constant (E) 6,N2://SYS91.5F:2,F32,1,

PFM01\_PMK007,Module Constant (E) 7,N2://SYS91.61:2,F32,1,

PFM01\_PMK008,Module Constant (E) 8,N2://SYS91.62:2,F32,1,

PFM01\_PMK009,Module Constant (E) 9,N2://SYS91.63:2,F32,1,

PFM01\_PMK010,Module Constant (E) 10,N2://SYS91.64:2,F32,1,

PFM01\_PMK011,Module Constant (E) 11,N2://SYS91.65:2,F32,1,

PFM01\_PMK012,Module Constant (E) 12,N2://SYS91.66:2,F32,1,

PFM01\_PMK013,Module Constant (E) 13,N2://SYS91.67:2,F32,1,

PFM01\_PMK014,Module Constant (E) 14,N2://SYS91.68:2,F32,1,

PFM01\_PMK015,Module Constant (E) 15,N2://SYS91.69:2,F32,1,

PFM01\_PMK016,Module Constant (E) 16,N2://SYS91.6A:2,F32,1,

PFM01\_PMK017,Module Constant (E) 17,N2://SYS91.6B:2,F32,1,

PFM01\_PMK018,Module Constant (E) 18,N2://SYS91.6C:2,F32,1,

PFM01\_PMK019,Module Constant (E) 19,N2://SYS91.6D:2,F32,1,

PFM01\_PMK020,Module Constant (E) 20,N2://SYS91.6E:2,F32,1,

PFM01\_PML01,Programmable Module Logic Output 1,N2://SYS91.87.1:1,BOOL,1,

PFM01\_PML02,Programmable Module Logic Output 2,N2://SYS91.87.2:1,BOOL,1,

PFM01\_PML03,Programmable Module Logic Output 3,N2://SYS91.87.3:1,BOOL,1,

PFM01\_PML04,Programmable Module Logic Output 4,N2://SYS91.87.4:1,BOOL,1,

PFM01\_PML05,Programmable Module Logic Output 5,N2://SYS91.87.5:1,BOOL,1,

PFM01\_PML06,Programmable Module Logic Output 6,N2://SYS91.87.6:1,BOOL,1,

PFM01\_PML07,Programmable Module Logic Output 7,N2://SYS91.87.7:1,BOOL,1,

PFM01\_PML08,Programmable Module Logic Output 8,N2://SYS91.87.8:1,BOOL,1,

PFM01\_PMO01,Programmable Module Output 1,N2://SYS91.7C:2,F32,1,

PFM01\_PMO02,Programmable Module Output 2,N2://SYS91.7D:2,F32,1,

PFM01\_PMO03,Programmable Module Output 3,N2://SYS91.7E:2,F32,1,

PFM01\_PMO04,Programmable Module Output 4,N2://SYS91.7F:2,F32,1,

PFM01\_PMO05,Programmable Module Output 5,N2://SYS91.80:2,F32,1,

PFM01\_PMO06,Programmable Module Output 6,N2://SYS91.81:2,F32,1,

PFM01\_PMO07,Programmable Module Output 7,N2://SYS91.82:2,F32,1,

PFM01\_PMO08,Programmable Module Output 8,N2://SYS91.83:2,F32,1,

PFM02\_PMA09,Accumulator 1,N2://SYS91.E9:4,UI32,1,

PFM02\_PMA10,Accumulator 2,N2://SYS91.EA:4,UI32,1,

PFM02\_PMA11,Accumulator 3,N2://SYS91.EB:4,UI32,1,

PFM02\_PMA12,Accumulator 4,N2://SYS91.EC:4,UI32,1,

PFM02\_PMA13,Accumulator 5,N2://SYS91.ED:4,UI32,1,

PFM02\_PMA14,Accumulator 6,N2://SYS91.EE:4,UI32,1,

PFM02\_PMA15,Accumulator 7,N2://SYS91.EF:4,UI32,1,

PFM02\_PMA16,Accumulator 8,N2://SYS91.F0:4,UI32,1,

PFM02\_PMK021,Module Constant (E) 1,N2://SYS91.BA:2,F32,1,

PFM02\_PMK022,Module Constant (E) 2,N2://SYS91.BB:2,F32,1,

PFM02\_PMK023,Module Constant (E) 3,N2://SYS91.BC:2,F32,1,

PFM02\_PMK024,Module Constant (E) 4,N2://SYS91.BD:2,F32,1,

PFM02\_PMK025,Module Constant (E) 5,N2://SYS91.BE:2,F32,1,

PFM02\_PMK026,Module Constant (E) 6,N2://SYS91.BF:2,F32,1,

PFM02\_PMK027,Module Constant (E) 7,N2://SYS91.C0:2,F32,1,

PFM02\_PMK028,Module Constant (E) 8,N2://SYS91.C1:2,F32,1,

PFM02\_PMK029,Module Constant (E) 9,N2://SYS91.C2:2,F32,1,

PFM02\_PMK030,Module Constant (E) 10,N2://SYS91.C3:2,F32,1,

PFM02\_PMK031,Module Constant (E) 11,N2://SYS91.C4:2,F32,1,

PFM02\_PMK032,Module Constant (E) 12,N2://SYS91.C5:2,F32,1,

PFM02\_PMK033,Module Constant (E) 13,N2://SYS91.C6:2,F32,1,

PFM02\_PMK034,Module Constant (E) 14,N2://SYS91.C7:2,F32,1,

PFM02\_PMK035,Module Constant (E) 15,N2://SYS91.C8:2,F32,1,

PFM02\_PMK036,Module Constant (E) 16,N2://SYS91.C9:2,F32,1,

PFM02\_PMK037,Module Constant (E) 17,N2://SYS91.CA:2,F32,1,

PFM02\_PMK038,Module Constant (E) 18,N2://SYS91.CB:2,F32,1,

PFM02\_PMK039,Module Constant (E) 19,N2://SYS91.CC:2,F32,1,

PFM02\_PMK040,Module Constant (E) 20,N2://SYS91.CD:2,F32,1,

PFM02\_PML09,Programmable Module Logic Output 1,N2://SYS91.E7.1:1,BOOL,1,

PFM02\_PML10,Programmable Module Logic Output 2,N2://SYS91.E7.2:1,BOOL,1,

PFM02\_PML11,Programmable Module Logic Output 3,N2://SYS91.E7.3:1,BOOL,1,

PFM02\_PML12,Programmable Module Logic Output 4,N2://SYS91.E7.4:1,BOOL,1,

PFM02\_PML13,Programmable Module Logic Output 5,N2://SYS91.E7.5:1,BOOL,1,

PFM02\_PML14,Programmable Module Logic Output 6,N2://SYS91.E7.6:1,BOOL,1,

PFM02\_PML15,Programmable Module Logic Output 7,N2://SYS91.E7.7:1,BOOL,1,

PFM02\_PML16,Programmable Module Logic Output 8,N2://SYS91.E7.8:1,BOOL,1,

PFM02\_PMO09,Programmable Module Output 1,N2://SYS91.DC:2,F32,1,

PFM02\_PMO10,Programmable Module Output 2,N2://SYS91.DD:2,F32,1,

PFM02\_PMO11,Programmable Module Output 3,N2://SYS91.DE:2,F32,1,

PFM02\_PMO12,Programmable Module Output 4,N2://SYS91.DF:2,F32,1,

PFM02\_PMO13,Programmable Module Output 5,N2://SYS91.E0:2,F32,1,

PFM02\_PMO14,Programmable Module Output 6,N2://SYS91.E1:2,F32,1,

PFM02\_PMO15,Programmable Module Output 7,N2://SYS91.E2:2,F32,1,

PFM02\_PMO16,Programmable Module Output 8,N2://SYS91.E3:2,F32,1,

PFM03\_PMA17,Accumulator 1,N2://SYS91.149:4,UI32,1,

PFM03\_PMA18,Accumulator 2,N2://SYS91.14A:4,UI32,1,

PFM03\_PMA19,Accumulator 3,N2://SYS91.14B:4,UI32,1,

PFM03\_PMA20,Accumulator 4,N2://SYS91.14C:4,UI32,1,

PFM03\_PMA21,Accumulator 5,N2://SYS91.14D:4,UI32,1,

PFM03\_PMA22,Accumulator 6,N2://SYS91.14E:4,UI32,1,

PFM03\_PMA23,Accumulator 7,N2://SYS91.14F:4,UI32,1,

PFM03\_PMA24,Accumulator 8,N2://SYS91.150:4,UI32,1,

PFM03\_PMK041,Module Constant (E) 1,N2://SYS91.11A:2,F32,1,

PFM03\_PMK042,Module Constant (E) 2,N2://SYS91.11B:2,F32,1,

PFM03\_PMK043,Module Constant (E) 3,N2://SYS91.11C:2,F32,1,

PFM03\_PMK044,Module Constant (E) 4,N2://SYS91.11D:2,F32,1,

PFM03\_PMK045,Module Constant (E) 5,N2://SYS91.11E:2,F32,1,

PFM03\_PMK046,Module Constant (E) 6,N2://SYS91.11F:2,F32,1,

PFM03\_PMK047,Module Constant (E) 7,N2://SYS91.120:2,F32,1,

PFM03\_PMK048,Module Constant (E) 8,N2://SYS91.121:2,F32,1,

PFM03\_PMK049,Module Constant (E) 9,N2://SYS91.122:2,F32,1,

PFM03\_PMK050,Module Constant (E) 10,N2://SYS91.123:2,F32,1,

PFM03\_PMK051,Module Constant (E) 11,N2://SYS91.124:2,F32,1,

PFM03\_PMK052,Module Constant (E) 12,N2://SYS91.125:2,F32,1,

PFM03\_PMK053,Module Constant (E) 13,N2://SYS91.126:2,F32,1,

PFM03\_PMK054,Module Constant (E) 14,N2://SYS91.127:2,F32,1,

PFM03\_PMK055,Module Constant (E) 15,N2://SYS91.128:2,F32,1,

PFM03\_PMK056,Module Constant (E) 16,N2://SYS91.129:2,F32,1,

PFM03\_PMK057,Module Constant (E) 17,N2://SYS91.130:2,F32,1,

PFM03\_PMK058,Module Constant (E) 18,N2://SYS91.131:2,F32,1,

PFM03\_PMK059,Module Constant (E) 19,N2://SYS91.132:2,F32,1,

PFM03\_PMK060,Module Constant (E) 20,N2://SYS91.133:2,F32,1,

PFM03\_PML17,Programmable Module Logic Output 1,N2://SYS91.147.1:1,BOOL,1,

PFM03\_PML18,Programmable Module Logic Output 2,N2://SYS91.147.2:1,BOOL,1,

PFM03\_PML19,Programmable Module Logic Output 3,N2://SYS91.147.3:1,BOOL,1,

PFM03\_PML20,Programmable Module Logic Output 4,N2://SYS91.147.4:1,BOOL,1,

PFM03\_PML21,Programmable Module Logic Output 5,N2://SYS91.147.5:1,BOOL,1,

PFM03\_PML22,Programmable Module Logic Output 6,N2://SYS91.147.6:1,BOOL,1,

PFM03\_PML23,Programmable Module Logic Output 7,N2://SYS91.147.7:1,BOOL,1,

PFM03\_PML24,Programmable Module Logic Output 8,N2://SYS91.147.8:1,BOOL,1,

PFM03\_PMO17,Programmable Module Output 1,N2://SYS91.13C:2,F32,1,

PFM03\_PMO18,Programmable Module Output 2,N2://SYS91.13D:2,F32,1,

PFM03\_PMO19,Programmable Module Output 3,N2://SYS91.13E:2,F32,1,

PFM03\_PMO20,Programmable Module Output 4,N2://SYS91.13F:2,F32,1,

PFM03\_PMO21,Programmable Module Output 5,N2://SYS91.140:2,F32,1,

PFM03\_PMO22,Programmable Module Output 6,N2://SYS91.141:2,F32,1,

PFM03\_PMO23,Programmable Module Output 7,N2://SYS91.142:2,F32,1,

PFM03\_PMO24,Programmable Module Output 8,N2://SYS91.143:2,F32,1,

PFM04\_PMA25,Accumulator 1,N2://SYS91.1A9:4,UI32,1,

PFM04\_PMA26,Accumulator 2,N2://SYS91.1AA:4,UI32,1,

PFM04\_PMA27,Accumulator 3,N2://SYS91.1AB:4,UI32,1,

PFM04\_PMA28,Accumulator 4,N2://SYS91.1AC:4,UI32,1,

PFM04\_PMA29,Accumulator 5,N2://SYS91.1AD:4,UI32,1,

PFM04\_PMA30,Accumulator 6,N2://SYS91.1AE:4,UI32,1,

PFM04\_PMA31,Accumulator 7,N2://SYS91.1AF:4,UI32,1,

PFM04\_PMA32,Accumulator 8,N2://SYS91.1B0:4,UI32,1,

PFM04\_PMK061,Module Constant (E) 1,N2://SYS91.17A:2,F32,1,

PFM04\_PMK062,Module Constant (E) 2,N2://SYS91.17B:2,F32,1,

PFM04\_PMK063,Module Constant (E) 3,N2://SYS91.17C:2,F32,1,

PFM04\_PMK064,Module Constant (E) 4,N2://SYS91.17D:2,F32,1,

PFM04\_PMK065,Module Constant (E) 5,N2://SYS91.17E:2,F32,1,

PFM04\_PMK066,Module Constant (E) 6,N2://SYS91.17F:2,F32,1,

PFM04\_PMK067,Module Constant (E) 7,N2://SYS91.180:2,F32,1,

PFM04\_PMK068,Module Constant (E) 8,N2://SYS91.181:2,F32,1,

PFM04\_PMK069,Module Constant (E) 9,N2://SYS91.182:2,F32,1,

PFM04\_PMK070,Module Constant (E) 10,N2://SYS91.183:2,F32,1,

PFM04\_PMK071,Module Constant (E) 11,N2://SYS91.184:2,F32,1,

PFM04\_PMK072,Module Constant (E) 12,N2://SYS91.185:2,F32,1,

PFM04\_PMK073,Module Constant (E) 13,N2://SYS91.186:2,F32,1,

PFM04\_PMK074,Module Constant (E) 14,N2://SYS91.187:2,F32,1,

PFM04\_PMK075,Module Constant (E) 15,N2://SYS91.188:2,F32,1,

PFM04\_PMK076,Module Constant (E) 16,N2://SYS91.189:2,F32,1,

PFM04\_PMK077,Module Constant (E) 17,N2://SYS91.18A:2,F32,1,

PFM04\_PMK078,Module Constant (E) 18,N2://SYS91.18B:2,F32,1,

PFM04\_PMK079,Module Constant (E) 19,N2://SYS91.18C:2,F32,1,

PFM04\_PMK080,Module Constant (E) 20,N2://SYS91.18D:2,F32,1,

PFM04\_PML25,Programmable Module Logic Output 1,N2://SYS91.1A7.1:1,BOOL,1,

PFM04\_PML26,Programmable Module Logic Output 2,N2://SYS91.1A7.2:1,BOOL,1,

PFM04\_PML27,Programmable Module Logic Output 3,N2://SYS91.1A7.3:1,BOOL,1,

PFM04\_PML28,Programmable Module Logic Output 4,N2://SYS91.1A7.4:1,BOOL,1,

PFM04\_PML29,Programmable Module Logic Output 5,N2://SYS91.1A7.5:1,BOOL,1,

PFM04\_PML30,Programmable Module Logic Output 6,N2://SYS91.1A7.6:1,BOOL,1,

PFM04\_PML31,Programmable Module Logic Output 7,N2://SYS91.1A7.7:1,BOOL,1,

PFM04\_PML32,Programmable Module Logic Output 8,N2://SYS91.1A7.8:1,BOOL,1,

PFM04\_PMO25,Programmable Module Output 1,N2://SYS91.19C:2,F32,1,

PFM04\_PMO26,Programmable Module Output 2,N2://SYS91.19D:2,F32,1,

PFM04\_PMO27,Programmable Module Output 3,N2://SYS91.19E:2,F32,1,

PFM04\_PMO28,Programmable Module Output 4,N2://SYS91.19F:2,F32,1,

PFM04\_PMO29,Programmable Module Output 5,N2://SYS91.1A0:2,F32,1,

PFM04\_PMO30,Programmable Module Output 6,N2://SYS91.1A1:2,F32,1,

PFM04\_PMO31,Programmable Module Output 7,N2://SYS91.1A2:2,F32,1,

PFM04\_PMO32,Programmable Module Output 8,N2://SYS91.1A3:2,F32,1,

PFM05\_PMA33,Accumulator 1,N2://SYS91.209:4,UI32,1,

PFM05\_PMA34,Accumulator 2,N2://SYS91.20A:4,UI32,1,

PFM05\_PMA35,Accumulator 3,N2://SYS91.20B:4,UI32,1,

PFM05\_PMA36,Accumulator 4,N2://SYS91.20C:4,UI32,1,

PFM05\_PMA37,Accumulator 5,N2://SYS91.20D:4,UI32,1,

PFM05\_PMA38,Accumulator 6,N2://SYS91.20E:4,UI32,1,

PFM05\_PMA39,Accumulator 7,N2://SYS91.20F:4,UI32,1,

PFM05\_PMA40,Accumulator 8,N2://SYS91.210:4,UI32,1,

PFM05\_PMK081,Module Constant (E) 1,N2://SYS91.1DA:2,F32,1,

PFM05\_PMK082,Module Constant (E) 2,N2://SYS91.1DB:2,F32,1,

PFM05\_PMK083,Module Constant (E) 3,N2://SYS91.1DC:2,F32,1,

PFM05\_PMK084,Module Constant (E) 4,N2://SYS91.1DD:2,F32,1,

PFM05\_PMK085,Module Constant (E) 5,N2://SYS91.1DE:2,F32,1,

PFM05\_PMK086,Module Constant (E) 6,N2://SYS91.1DF:2,F32,1,

PFM05\_PMK087,Module Constant (E) 7,N2://SYS91.1E0:2,F32,1,

PFM05\_PMK088,Module Constant (E) 8,N2://SYS91.1E1:2,F32,1,

PFM05\_PMK089,Module Constant (E) 9,N2://SYS91.1E2:2,F32,1,

PFM05\_PMK090,Module Constant (E) 10,N2://SYS91.1E3:2,F32,1,

PFM05\_PMK091,Module Constant (E) 11,N2://SYS91.1E4:2,F32,1,

PFM05\_PMK092,Module Constant (E) 12,N2://SYS91.1E5:2,F32,1,

PFM05\_PMK093,Module Constant (E) 13,N2://SYS91.1E6:2,F32,1,

PFM05\_PMK094,Module Constant (E) 14,N2://SYS91.1E7:2,F32,1,

PFM05\_PMK095,Module Constant (E) 15,N2://SYS91.1E8:2,F32,1,

PFM05\_PMK096,Module Constant (E) 16,N2://SYS91.1E9:2,F32,1,

PFM05\_PMK097,Module Constant (E) 17,N2://SYS91.1EA:2,F32,1,

PFM05\_PMK098,Module Constant (E) 18,N2://SYS91.1EB:2,F32,1,

PFM05\_PMK099,Module Constant (E) 19,N2://SYS91.1EC:2,F32,1,

PFM05\_PMK100,Module Constant (E) 20,N2://SYS91.1ED:2,F32,1,

PFM05\_PML33,Programmable Module Logic Output 1,N2://SYS91.207.1:1,BOOL,1,

PFM05\_PML34,Programmable Module Logic Output 2,N2://SYS91.207.2:1,BOOL,1,

PFM05\_PML35,Programmable Module Logic Output 3,N2://SYS91.207.3:1,BOOL,1,

PFM05\_PML36,Programmable Module Logic Output 4,N2://SYS91.207.4:1,BOOL,1,

PFM05\_PML37,Programmable Module Logic Output 5,N2://SYS91.207.5:1,BOOL,1,

PFM05\_PML38,Programmable Module Logic Output 6,N2://SYS91.207.6:1,BOOL,1,

PFM05\_PML39,Programmable Module Logic Output 7,N2://SYS91.207.7:1,BOOL,1,

PFM05\_PML40,Programmable Module Logic Output 8,N2://SYS91.207.8:1,BOOL,1,

PFM05\_PMO33,Programmable Module Output 1,N2://SYS91.1FC:2,F32,1,

PFM05\_PMO34,Programmable Module Output 2,N2://SYS91.1FD:2,F32,1,

PFM05\_PMO35,Programmable Module Output 3,N2://SYS91.1FE:2,F32,1,

PFM05\_PMO36,Programmable Module Output 4,N2://SYS91.1FF:2,F32,1,

PFM05\_PMO37,Programmable Module Output 5,N2://SYS91.200:2,F32,1,

PFM05\_PMO38,Programmable Module Output 6,N2://SYS91.201:2,F32,1,

PFM05\_PMO39,Programmable Module Output 7,N2://SYS91.202:2,F32,1,

PFM05\_PMO40,Programmable Module Output 8,N2://SYS91.203:2,F32,1,

PFM06\_PMA41,Accumulator 1,N2://SYS91.269:4,UI32,1,

PFM06\_PMA42,Accumulator 2,N2://SYS91.26A:4,UI32,1,

PFM06\_PMA43,Accumulator 3,N2://SYS91.26B:4,UI32,1,

PFM06\_PMA44,Accumulator 4,N2://SYS91.26C:4,UI32,1,

PFM06\_PMA45,Accumulator 5,N2://SYS91.26D:4,UI32,1,

PFM06\_PMA46,Accumulator 6,N2://SYS91.26E:4,UI32,1,

PFM06\_PMA47,Accumulator 7,N2://SYS91.26F:4,UI32,1,

PFM06\_PMA48,Accumulator 8,N2://SYS91.270:4,UI32,1,

PFM06\_PMK101,Module Constant (E) 1,N2://SYS91.23A:2,F32,1,

PFM06\_PMK102,Module Constant (E) 2,N2://SYS91.23B:2,F32,1,

PFM06\_PMK103,Module Constant (E) 3,N2://SYS91.23C:2,F32,1,

PFM06\_PMK104,Module Constant (E) 4,N2://SYS91.23D:2,F32,1,

PFM06\_PMK105,Module Constant (E) 5,N2://SYS91.23E:2,F32,1,

PFM06\_PMK106,Module Constant (E) 6,N2://SYS91.23F:2,F32,1,

PFM06\_PMK107,Module Constant (E) 7,N2://SYS91.240:2,F32,1,

PFM06\_PMK108,Module Constant (E) 8,N2://SYS91.241:2,F32,1,

PFM06\_PMK109,Module Constant (E) 9,N2://SYS91.242:2,F32,1,

PFM06\_PMK110,Module Constant (E) 10,N2://SYS91.243:2,F32,1,

PFM06\_PMK111,Module Constant (E) 11,N2://SYS91.244:2,F32,1,

PFM06\_PMK112,Module Constant (E) 12,N2://SYS91.245:2,F32,1,

PFM06\_PMK113,Module Constant (E) 13,N2://SYS91.246:2,F32,1,

PFM06\_PMK114,Module Constant (E) 14,N2://SYS91.247:2,F32,1,

PFM06\_PMK115,Module Constant (E) 15,N2://SYS91.248:2,F32,1,

PFM06\_PMK116,Module Constant (E) 16,N2://SYS91.249:2,F32,1,

PFM06\_PMK117,Module Constant (E) 17,N2://SYS91.24A:2,F32,1,

PFM06\_PMK118,Module Constant (E) 18,N2://SYS91.24B:2,F32,1,

PFM06\_PMK119,Module Constant (E) 19,N2://SYS91.24C:2,F32,1,

PFM06\_PMK120,Module Constant (E) 20,N2://SYS91.24D:2,F32,1,

PFM06\_PML41,Programmable Module Logic Output 1,N2://SYS91.267.1:1,BOOL,1,

PFM06\_PML42,Programmable Module Logic Output 2,N2://SYS91.267.2:1,BOOL,1,

PFM06\_PML43,Programmable Module Logic Output 3,N2://SYS91.267.3:1,BOOL,1,

PFM06\_PML44,Programmable Module Logic Output 4,N2://SYS91.267.4:1,BOOL,1,

PFM06\_PML45,Programmable Module Logic Output 5,N2://SYS91.267.5:1,BOOL,1,

PFM06\_PML46,Programmable Module Logic Output 6,N2://SYS91.267.6:1,BOOL,1,

PFM06\_PML47,Programmable Module Logic Output 7,N2://SYS91.267.7:1,BOOL,1,

PFM06\_PML48,Programmable Module Logic Output 8,N2://SYS91.267.8:1,BOOL,1,

PFM06\_PMO41,Programmable Module Output 1,N2://SYS91.25C:2,F32,1,

PFM06\_PMO42,Programmable Module Output 2,N2://SYS91.25D:2,F32,1,

PFM06\_PMO43,Programmable Module Output 3,N2://SYS91.25E:2,F32,1,

PFM06\_PMO44,Programmable Module Output 4,N2://SYS91.25F:2,F32,1,

PFM06\_PMO45,Programmable Module Output 5,N2://SYS91.260:2,F32,1,

PFM06\_PMO46,Programmable Module Output 6,N2://SYS91.261:2,F32,1,

PFM06\_PMO47,Programmable Module Output 7,N2://SYS91.262:2,F32,1,

PFM06\_PMO48,Programmable Module Output 8,N2://SYS91.263:2,F32,1,

PFM07\_PMA49,Accumulator 1,N2://SYS91.2C9:4,UI32,1,

PFM07\_PMA50,Accumulator 2,N2://SYS91.2CA:4,UI32,1,

PFM07\_PMA51,Accumulator 3,N2://SYS91.2CB:4,UI32,1,

PFM07\_PMA52,Accumulator 4,N2://SYS91.2CC:4,UI32,1,

PFM07\_PMA53,Accumulator 5,N2://SYS91.2CD:4,UI32,1,

PFM07\_PMA54,Accumulator 6,N2://SYS91.2CE:4,UI32,1,

PFM07\_PMA55,Accumulator 7,N2://SYS91.2CF:4,UI32,1,

PFM07\_PMA56,Accumulator 8,N2://SYS91.2D0:4,UI32,1,

PFM07\_PMK121,Module Constant (E) 1,N2://SYS91.29A:2,F32,1,

PFM07\_PMK122,Module Constant (E) 2,N2://SYS91.29B:2,F32,1,

PFM07\_PMK123,Module Constant (E) 3,N2://SYS91.29C:2,F32,1,

PFM07\_PMK124,Module Constant (E) 4,N2://SYS91.29D:2,F32,1,

PFM07\_PMK125,Module Constant (E) 5,N2://SYS91.29E:2,F32,1,

PFM07\_PMK126,Module Constant (E) 6,N2://SYS91.29F:2,F32,1,

PFM07\_PMK127,Module Constant (E) 7,N2://SYS91.230:2,F32,1,

PFM07\_PMK128,Module Constant (E) 8,N2://SYS91.231:2,F32,1,

PFM07\_PMK129,Module Constant (E) 9,N2://SYS91.132:2,F32,1,

PFM07\_PMK130,Module Constant (E) 10,N2://SYS91.233:2,F32,1,

PFM07\_PMK131,Module Constant (E) 11,N2://SYS91.234:2,F32,1,

PFM07\_PMK132,Module Constant (E) 12,N2://SYS91.235:2,F32,1,

PFM07\_PMK133,Module Constant (E) 13,N2://SYS91.236:2,F32,1,

PFM07\_PMK134,Module Constant (E) 14,N2://SYS91.237:2,F32,1,

PFM07\_PMK135,Module Constant (E) 15,N2://SYS91.238:2,F32,1,

PFM07\_PMK136,Module Constant (E) 16,N2://SYS91.239:2,F32,1,

PFM07\_PMK137,Module Constant (E) 17,N2://SYS91.23A:2,F32,1,

PFM07\_PMK138,Module Constant (E) 18,N2://SYS91.23B:2,F32,1,

PFM07\_PMK139,Module Constant (E) 19,N2://SYS91.23C:2,F32,1,

PFM07\_PMK140,Module Constant (E) 20,N2://SYS91.23D:2,F32,1,

PFM07\_PML49,Programmable Module Logic Output 1,N2://SYS91.2C7.1:1,BOOL,1,

PFM07\_PML50,Programmable Module Logic Output 2,N2://SYS91.2C7.2:1,BOOL,1,

PFM07\_PML51,Programmable Module Logic Output 3,N2://SYS91.2C7.3:1,BOOL,1,

PFM07\_PML52,Programmable Module Logic Output 4,N2://SYS91.2C7.4:1,BOOL,1,

PFM07\_PML53,Programmable Module Logic Output 5,N2://SYS91.2C7.5:1,BOOL,1,

PFM07\_PML54,Programmable Module Logic Output 6,N2://SYS91.2C7.6:1,BOOL,1,

PFM07\_PML55,Programmable Module Logic Output 7,N2://SYS91.2C7.7:1,BOOL,1,

PFM07\_PML56,Programmable Module Logic Output 8,N2://SYS91.2C7.8:1,BOOL,1,

PFM07\_PMO49,Programmable Module Output 1,N2://SYS91.2BC:2,F32,1,

PFM07\_PMO50,Programmable Module Output 2,N2://SYS91.2BD:2,F32,1,

PFM07\_PMO51,Programmable Module Output 3,N2://SYS91.2BE:2,F32,1,

PFM07\_PMO52,Programmable Module Output 4,N2://SYS91.2BF:2,F32,1,

PFM07\_PMO53,Programmable Module Output 5,N2://SYS91.2C0:2,F32,1,

PFM07\_PMO54,Programmable Module Output 6,N2://SYS91.2C1:2,F32,1,

PFM07\_PMO55,Programmable Module Output 7,N2://SYS91.2C2:2,F32,1,

PFM07\_PMO56,Programmable Module Output 8,N2://SYS91.2C3:2,F32,1,

PFM08\_PMA57,Accumulator 1,N2://SYS91.329:4,UI32,1,

PFM08\_PMA58,Accumulator 2,N2://SYS91.32A:4,UI32,1,

PFM08\_PMA59,Accumulator 3,N2://SYS91.32B:4,UI32,1,

PFM08\_PMA60,Accumulator 4,N2://SYS91.32C:4,UI32,1,

PFM08\_PMA61,Accumulator 5,N2://SYS91.32D:4,UI32,1,

PFM08\_PMA62,Accumulator 6,N2://SYS91.32E:4,UI32,1,

PFM08\_PMA63,Accumulator 7,N2://SYS91.32F:4,UI32,1,

PFM08\_PMA64,Accumulator 8,N2://SYS91.330:4,UI32,1,

PFM08\_PMK141,Module Constant (E) 1,N2://SYS91.2FA:2,F32,1,

PFM08\_PMK142,Module Constant (E) 2,N2://SYS91.2FB:2,F32,1,

PFM08\_PMK143,Module Constant (E) 3,N2://SYS91.2FC:2,F32,1,

PFM08\_PMK144,Module Constant (E) 4,N2://SYS91.2FD:2,F32,1,

PFM08\_PMK145,Module Constant (E) 5,N2://SYS91.2FE:2,F32,1,

PFM08\_PMK146,Module Constant (E) 6,N2://SYS91.2FF:2,F32,1,

PFM08\_PMK147,Module Constant (E) 7,N2://SYS91.300:2,F32,1,

PFM08\_PMK148,Module Constant (E) 8,N2://SYS91.301:2,F32,1,

PFM08\_PMK149,Module Constant (E) 9,N2://SYS91.302:2,F32,1,

PFM08\_PMK150,Module Constant (E) 10,N2://SYS91.303:2,F32,1,

PFM08\_PMK151,Module Constant (E) 11,N2://SYS91.304:2,F32,1,

PFM08\_PMK152,Module Constant (E) 12,N2://SYS91.305:2,F32,1,

PFM08\_PMK153,Module Constant (E) 13,N2://SYS91.306:2,F32,1,

PFM08\_PMK154,Module Constant (E) 14,N2://SYS91.307:2,F32,1,

PFM08\_PMK155,Module Constant (E) 15,N2://SYS91.308:2,F32,1,

PFM08\_PMK156,Module Constant (E) 16,N2://SYS91.309:2,F32,1,

PFM08\_PMK157,Module Constant (E) 17,N2://SYS91.30A:2,F32,1,

PFM08\_PMK158,Module Constant (E) 18,N2://SYS91.30B:2,F32,1,

PFM08\_PMK159,Module Constant (E) 19,N2://SYS91.30C:2,F32,1,

PFM08\_PMK160,Module Constant (E) 20,N2://SYS91.30D:2,F32,1,

PFM08\_PML57,Programmable Module Logic Output 1,N2://SYS91.327.1:1,BOOL,1,

PFM08\_PML58,Programmable Module Logic Output 2,N2://SYS91.327.2:1,BOOL,1,

PFM08\_PML59,Programmable Module Logic Output 3,N2://SYS91.327.3:1,BOOL,1,

PFM08\_PML60,Programmable Module Logic Output 4,N2://SYS91.327.4:1,BOOL,1,

PFM08\_PML61,Programmable Module Logic Output 5,N2://SYS91.327.5:1,BOOL,1,

PFM08\_PML62,Programmable Module Logic Output 6,N2://SYS91.327.6:1,BOOL,1,

PFM08\_PML63,Programmable Module Logic Output 7,N2://SYS91.327.7:1,BOOL,1,

PFM08\_PML64,Programmable Module Logic Output 8,N2://SYS91.327.8:1,BOOL,1,

PFM08\_PMO57,Programmable Module Output 1,N2://SYS91.31C:2,F32,1,

PFM08\_PMO58,Programmable Module Output 2,N2://SYS91.31D:2,F32,1,

PFM08\_PMO59,Programmable Module Output 3,N2://SYS91.31E:2,F32,1,

PFM08\_PMO60,Programmable Module Output 4,N2://SYS91.31F:2,F32,1,

PFM08\_PMO61,Programmable Module Output 5,N2://SYS91.120:2,F32,1,

PFM08\_PMO62,Programmable Module Output 6,N2://SYS91.321:2,F32,1,

PFM08\_PMO63,Programmable Module Output 7,N2://SYS91.322:2,F32,1,

PFM08\_PMO64,Programmable Module Output 8,N2://SYS91.323:2,F32,1,

PFM09\_PMA65,Accumulator 1,N2://SYS91.389:4,UI32,1,

PFM09\_PMA66,Accumulator 2,N2://SYS91.38A:4,UI32,1,

PFM09\_PMA67,Accumulator 3,N2://SYS91.38B:4,UI32,1,

PFM09\_PMA68,Accumulator 4,N2://SYS91.38C:4,UI32,1,

PFM09\_PMA69,Accumulator 5,N2://SYS91.38D:4,UI32,1,

PFM09\_PMA70,Accumulator 6,N2://SYS91.38E:4,UI32,1,

PFM09\_PMA71,Accumulator 7,N2://SYS91.38F:4,UI32,1,

PFM09\_PMA72,Accumulator 8,N2://SYS91.390:4,UI32,1,

PFM09\_PMK161,Module Constant (E) 1,N2://SYS91.35A:2,F32,1,

PFM09\_PMK162,Module Constant (E) 2,N2://SYS91.35B:2,F32,1,

PFM09\_PMK163,Module Constant (E) 3,N2://SYS91.35C:2,F32,1,

PFM09\_PMK164,Module Constant (E) 4,N2://SYS91.35D:2,F32,1,

PFM09\_PMK165,Module Constant (E) 5,N2://SYS91.35E:2,F32,1,

PFM09\_PMK166,Module Constant (E) 6,N2://SYS91.35F:2,F32,1,

PFM09\_PMK167,Module Constant (E) 7,N2://SYS91.360:2,F32,1,

PFM09\_PMK168,Module Constant (E) 8,N2://SYS91.361:2,F32,1,

PFM09\_PMK169,Module Constant (E) 9,N2://SYS91.362:2,F32,1,

PFM09\_PMK170,Module Constant (E) 10,N2://SYS91.363:2,F32,1,

PFM09\_PMK171,Module Constant (E) 11,N2://SYS91.364:2,F32,1,

PFM09\_PMK172,Module Constant (E) 12,N2://SYS91.365:2,F32,1,

PFM09\_PMK173,Module Constant (E) 13,N2://SYS91.366:2,F32,1,

PFM09\_PMK174,Module Constant (E) 14,N2://SYS91.367:2,F32,1,

PFM09\_PMK175,Module Constant (E) 15,N2://SYS91.368:2,F32,1,

PFM09\_PMK176,Module Constant (E) 16,N2://SYS91.369:2,F32,1,

PFM09\_PMK177,Module Constant (E) 17,N2://SYS91.36A:2,F32,1,

PFM09\_PMK178,Module Constant (E) 18,N2://SYS91.36B:2,F32,1,

PFM09\_PMK179,Module Constant (E) 19,N2://SYS91.36C:2,F32,1,

PFM09\_PMK180,Module Constant (E) 20,N2://SYS91.36D:2,F32,1,

PFM09\_PML65,Programmable Module Logic Output 1,N2://SYS91.387.1:1,BOOL,1,

PFM09\_PML66,Programmable Module Logic Output 2,N2://SYS91.387.2:1,BOOL,1,

PFM09\_PML67,Programmable Module Logic Output 3,N2://SYS91.387.3:1,BOOL,1,

PFM09\_PML68,Programmable Module Logic Output 4,N2://SYS91.387.4:1,BOOL,1,

PFM09\_PML69,Programmable Module Logic Output 5,N2://SYS91.387.5:1,BOOL,1,

PFM09\_PML70,Programmable Module Logic Output 6,N2://SYS91.387.6:1,BOOL,1,

PFM09\_PML71,Programmable Module Logic Output 7,N2://SYS91.387.7:1,BOOL,1,

PFM09\_PML72,Programmable Module Logic Output 8,N2://SYS91.387.8:1,BOOL,1,

PFM09\_PMO65,Programmable Module Output 1,N2://SYS91.37C:2,F32,1,

PFM09\_PMO66,Programmable Module Output 2,N2://SYS91.37D:2,F32,1,

PFM09\_PMO67,Programmable Module Output 3,N2://SYS91.37E:2,F32,1,

PFM09\_PMO68,Programmable Module Output 4,N2://SYS91.37F:2,F32,1,

PFM09\_PMO69,Programmable Module Output 5,N2://SYS91.380:2,F32,1,

PFM09\_PMO70,Programmable Module Output 6,N2://SYS91.381:2,F32,1,

PFM09\_PMO71,Programmable Module Output 7,N2://SYS91.882:2,F32,1,

PFM09\_PMO72,Programmable Module Output 8,N2://SYS91.883:2,F32,1,

PFM10\_PMA73,Accumulator 1,N2://SYS91.3E9:4,UI32,1,

PFM10\_PMA74,Accumulator 2,N2://SYS91.3EA:4,UI32,1,

PFM10\_PMA75,Accumulator 3,N2://SYS91.3EB:4,UI32,1,

PFM10\_PMA76,Accumulator 4,N2://SYS91.3EC:4,UI32,1,

PFM10\_PMA77,Accumulator 5,N2://SYS91.3ED:4,UI32,1,

PFM10\_PMA78,Accumulator 6,N2://SYS91.3EE:4,UI32,1,

PFM10\_PMA79,Accumulator 7,N2://SYS91.3EF:4,UI32,1,

PFM10\_PMA80,Accumulator 8,N2://SYS91.3F0:4,UI32,1,

PFM10\_PMK181,Module Constant (E) 1,N2://SYS91.3BA:2,F32,1,

PFM10\_PMK182,Module Constant (E) 2,N2://SYS91.3BB:2,F32,1,

PFM10\_PMK183,Module Constant (E) 3,N2://SYS91.3BC:2,F32,1,

PFM10\_PMK184,Module Constant (E) 4,N2://SYS91.3BD:2,F32,1,

PFM10\_PMK185,Module Constant (E) 5,N2://SYS91.3BE:2,F32,1,

PFM10\_PMK186,Module Constant (E) 6,N2://SYS91.3BF:2,F32,1,

PFM10\_PMK187,Module Constant (E) 7,N2://SYS91.3C0:2,F32,1,

PFM10\_PMK188,Module Constant (E) 8,N2://SYS91.3C1:2,F32,1,

PFM10\_PMK189,Module Constant (E) 9,N2://SYS91.3C2:2,F32,1,

PFM10\_PMK190,Module Constant (E) 10,N2://SYS91.3C3:2,F32,1,

PFM10\_PMK191,Module Constant (E) 11,N2://SYS91.3C4:2,F32,1,

PFM10\_PMK192,Module Constant (E) 12,N2://SYS91.3C5:2,F32,1,

PFM10\_PMK193,Module Constant (E) 13,N2://SYS91.3C6:2,F32,1,

PFM10\_PMK194,Module Constant (E) 14,N2://SYS91.3C7:2,F32,1,

PFM10\_PMK195,Module Constant (E) 15,N2://SYS91.3C8:2,F32,1,

PFM10\_PMK196,Module Constant (E) 16,N2://SYS91.3C9:2,F32,1,

PFM10\_PMK197,Module Constant (E) 17,N2://SYS91.3CA:2,F32,1,

PFM10\_PMK198,Module Constant (E) 18,N2://SYS91.3CB:2,F32,1,

PFM10\_PMK199,Module Constant (E) 19,N2://SYS91.3CC:2,F32,1,

PFM10\_PMK200,Module Constant (E) 20,N2://SYS91.3CD:2,F32,1,

PFM10\_PML73,Programmable Module Logic Output 1,N2://SYS91.3E7.1:1,BOOL,1,

PFM10\_PML74,Programmable Module Logic Output 2,N2://SYS91.3E7.2:1,BOOL,1,

PFM10\_PML75,Programmable Module Logic Output 3,N2://SYS91.3E7.3:1,BOOL,1,

PFM10\_PML76,Programmable Module Logic Output 4,N2://SYS91.3E7.4:1,BOOL,1,

PFM10\_PML77,Programmable Module Logic Output 5,N2://SYS91.3E7.5:1,BOOL,1,

PFM10\_PML78,Programmable Module Logic Output 6,N2://SYS91.3E7.6:1,BOOL,1,

PFM10\_PML79,Programmable Module Logic Output 7,N2://SYS91.3E7.7:1,BOOL,1,

PFM10\_PML80,Programmable Module Logic Output 8,N2://SYS91.3E7.8:1,BOOL,1,

PFM10\_PMO73,Programmable Module Output 1,N2://SYS91.3DC:2,F32,1,

PFM10\_PMO74,Programmable Module Output 2,N2://SYS91.3DD:2,F32,1,

PFM10\_PMO75,Programmable Module Output 3,N2://SYS91.3DE:2,F32,1,

PFM10\_PMO76,Programmable Module Output 4,N2://SYS91.3DF:2,F32,1,

PFM10\_PMO77,Programmable Module Output 5,N2://SYS91.3E0:2,F32,1,

PFM10\_PMO78,Programmable Module Output 6,N2://SYS91.3E1:2,F32,1,

PFM10\_PMO79,Programmable Module Output 7,N2://SYS91.3E2:2,F32,1,

PFM10\_PMO80,Programmable Module Output 8,N2://SYS91.3E3:2,F32,1,

PFM11\_PMA81,Accumulator 1,N2://SYS91.449:4,UI32,1,

PFM11\_PMA82,Accumulator 2,N2://SYS91.44A:4,UI32,1,

PFM11\_PMA83,Accumulator 3,N2://SYS91.44B:4,UI32,1,

PFM11\_PMA84,Accumulator 4,N2://SYS91.44C:4,UI32,1,

PFM11\_PMA85,Accumulator 5,N2://SYS91.44D:4,UI32,1,

PFM11\_PMA86,Accumulator 6,N2://SYS91.44E:4,UI32,1,

PFM11\_PMA87,Accumulator 7,N2://SYS91.44F:4,UI32,1,

PFM11\_PMA88,Accumulator 8,N2://SYS91.450:4,UI32,1,

PFM11\_PMK201,Module Constant (E) 1,N2://SYS91.41A:2,F32,1,

PFM11\_PMK202,Module Constant (E) 2,N2://SYS91.41B:2,F32,1,

PFM11\_PMK203,Module Constant (E) 3,N2://SYS91.41C:2,F32,1,

PFM11\_PMK204,Module Constant (E) 4,N2://SYS91.41D:2,F32,1,

PFM11\_PMK205,Module Constant (E) 5,N2://SYS91.41E:2,F32,1,

PFM11\_PMK206,Module Constant (E) 6,N2://SYS91.41F:2,F32,1,

PFM11\_PMK207,Module Constant (E) 7,N2://SYS91.420:2,F32,1,

PFM11\_PMK208,Module Constant (E) 8,N2://SYS91.421:2,F32,1,

PFM11\_PMK209,Module Constant (E) 9,N2://SYS91.422:2,F32,1,

PFM11\_PMK210,Module Constant (E) 10,N2://SYS91.423:2,F32,1,

PFM11\_PMK211,Module Constant (E) 11,N2://SYS91.424:2,F32,1,

PFM11\_PMK212,Module Constant (E) 12,N2://SYS91.425:2,F32,1,

PFM11\_PMK213,Module Constant (E) 13,N2://SYS91.426:2,F32,1,

PFM11\_PMK214,Module Constant (E) 14,N2://SYS91.427:2,F32,1,

PFM11\_PMK215,Module Constant (E) 15,N2://SYS91.428:2,F32,1,

PFM11\_PMK216,Module Constant (E) 16,N2://SYS91.429:2,F32,1,

PFM11\_PMK217,Module Constant (E) 17,N2://SYS91.42A:2,F32,1,

PFM11\_PMK218,Module Constant (E) 18,N2://SYS91.42B:2,F32,1,

PFM11\_PMK219,Module Constant (E) 19,N2://SYS91.42C:2,F32,1,

PFM11\_PMK220,Module Constant (E) 20,N2://SYS91.42D:2,F32,1,

PFM11\_PML81,Programmable Module Logic Output 1,N2://SYS91.447.1:1,BOOL,1,

PFM11\_PML82,Programmable Module Logic Output 2,N2://SYS91.447.2:1,BOOL,1,

PFM11\_PML83,Programmable Module Logic Output 3,N2://SYS91.447.3:1,BOOL,1,

PFM11\_PML84,Programmable Module Logic Output 4,N2://SYS91.447.4:1,BOOL,1,

PFM11\_PML85,Programmable Module Logic Output 5,N2://SYS91.447.5:1,BOOL,1,

PFM11\_PML86,Programmable Module Logic Output 6,N2://SYS91.447.6:1,BOOL,1,

PFM11\_PML87,Programmable Module Logic Output 7,N2://SYS91.447.7:1,BOOL,1,

PFM11\_PML88,Programmable Module Logic Output 8,N2://SYS91.447.8:1,BOOL,1,

PFM11\_PMO81,Programmable Module Output 1,N2://SYS91.43C:2,F32,1,

PFM11\_PMO82,Programmable Module Output 2,N2://SYS91.43D:2,F32,1,

PFM11\_PMO83,Programmable Module Output 3,N2://SYS91.43E:2,F32,1,

PFM11\_PMO84,Programmable Module Output 4,N2://SYS91.43F:2,F32,1,

PFM11\_PMO85,Programmable Module Output 5,N2://SYS91.440:2,F32,1,

PFM11\_PMO86,Programmable Module Output 6,N2://SYS91.441:2,F32,1,

PFM11\_PMO87,Programmable Module Output 7,N2://SYS91.442:2,F32,1,

PFM11\_PMO88,Programmable Module Output 8,N2://SYS91.443:2,F32,1,

PFM12\_PMA89,Accumulator 1,N2://SYS91.4A9:4,UI32,1,

PFM12\_PMA90,Accumulator 2,N2://SYS91.4AA:4,UI32,1,

PFM12\_PMA91,Accumulator 3,N2://SYS91.4AB:4,UI32,1,

PFM12\_PMA92,Accumulator 4,N2://SYS91.4AC:4,UI32,1,

PFM12\_PMA93,Accumulator 5,N2://SYS91.4AD:4,UI32,1,

PFM12\_PMA94,Accumulator 6,N2://SYS91.4AE:4,UI32,1,

PFM12\_PMA95,Accumulator 7,N2://SYS91.4AF:4,UI32,1,

PFM12\_PMA96,Accumulator 8,N2://SYS91.4B0:4,UI32,1,

PFM12\_PMK221,Module Constant (E) 1,N2://SYS91.47A:2,F32,1,

PFM12\_PMK222,Module Constant (E) 2,N2://SYS91.47B:2,F32,1,

PFM12\_PMK223,Module Constant (E) 3,N2://SYS91.47C:2,F32,1,

PFM12\_PMK224,Module Constant (E) 4,N2://SYS91.47D:2,F32,1,

PFM12\_PMK225,Module Constant (E) 5,N2://SYS91.47E:2,F32,1,

PFM12\_PMK226,Module Constant (E) 6,N2://SYS91.47F:2,F32,1,

PFM12\_PMK227,Module Constant (E) 7,N2://SYS91.480:2,F32,1,

PFM12\_PMK228,Module Constant (E) 8,N2://SYS91.481:2,F32,1,

PFM12\_PMK229,Module Constant (E) 9,N2://SYS91.482:2,F32,1,

PFM12\_PMK230,Module Constant (E) 10,N2://SYS91.483:2,F32,1,

PFM12\_PMK231,Module Constant (E) 11,N2://SYS91.484:2,F32,1,

PFM12\_PMK232,Module Constant (E) 12,N2://SYS91.485:2,F32,1,

PFM12\_PMK233,Module Constant (E) 13,N2://SYS91.586:2,F32,1,

PFM12\_PMK234,Module Constant (E) 14,N2://SYS91.687:2,F32,1,

PFM12\_PMK235,Module Constant (E) 15,N2://SYS91.488:2,F32,1,

PFM12\_PMK236,Module Constant (E) 16,N2://SYS91.489:2,F32,1,

PFM12\_PMK237,Module Constant (E) 17,N2://SYS91.48A:2,F32,1,

PFM12\_PMK238,Module Constant (E) 18,N2://SYS91.48B:2,F32,1,

PFM12\_PMK239,Module Constant (E) 19,N2://SYS91.48C:2,F32,1,

PFM12\_PMK240,Module Constant (E) 20,N2://SYS91.48D:2,F32,1,

PFM12\_PML89,Programmable Module Logic Output 1,N2://SYS91.4A7.1:1,BOOL,1,

PFM12\_PML90,Programmable Module Logic Output 2,N2://SYS91.4A7.2:1,BOOL,1,

PFM12\_PML91,Programmable Module Logic Output 3,N2://SYS91.4A7.3:1,BOOL,1,

PFM12\_PML92,Programmable Module Logic Output 4,N2://SYS91.4A7.4:1,BOOL,1,

PFM12\_PML93,Programmable Module Logic Output 5,N2://SYS91.4A7.5:1,BOOL,1,

PFM12\_PML94,Programmable Module Logic Output 6,N2://SYS91.4A7.6:1,BOOL,1,

PFM12\_PML95,Programmable Module Logic Output 7,N2://SYS91.4A7.7:1,BOOL,1,

PFM12\_PML96,Programmable Module Logic Output 8,N2://SYS91.4A7.8:1,BOOL,1,

PFM12\_PMO89,Programmable Module Output 1,N2://SYS91.49C:2,F32,1,

PFM12\_PMO90,Programmable Module Output 2,N2://SYS91.49D:2,F32,1,

PFM12\_PMO91,Programmable Module Output 3,N2://SYS91.49E:2,F32,1,

PFM12\_PMO92,Programmable Module Output 4,N2://SYS91.49F:2,F32,1,

PFM12\_PMO93,Programmable Module Output 5,N2://SYS91.500:2,F32,1,

PFM12\_PMO94,Programmable Module Output 6,N2://SYS91.501:2,F32,1,

PFM12\_PMO95,Programmable Module Output 7,N2://SYS91.502:2,F32,1,

PFM12\_PMO96,Programmable Module Output 8,N2://SYS91.503:2,F32,1,

DO03C,SUP Set Output 3 On,N2://SYS91.1.1:2,BOOL,1,

DO04C,SUP Set Output 4 On,N2://SYS91.1.2:2,BOOL,1,

DO05C,SUP Set Output 5 On,N2://SYS91.1.3:2,BOOL,1,

DO06C,SUP Set Output 6 On,N2://SYS91.1.4:2,BOOL,1,

DO07C,SUP Set Output 7 On,N2://SYS91.1.5:2,BOOL,1,

DO08C,SUP Set Output 8 On,N2://SYS91.1.6:2,BOOL,1,

DO03E,Enable Output 3 SUP Control,N2://SYS91.1.9:2,BOOL,1,

DO04E,Enable Output 4 SUP Control,N2://SYS91.1.A:2,BOOL,1,

DO05E,Enable Output 5 SUP Control,N2://SYS91.1.B:2,BOOL,1,

DO06E,Enable Output 6 SUP Control,N2://SYS91.1.C:2,BOOL,1,

DO07E,Enable Output 7 SUP Control,N2://SYS91.1.D:2,BOOL,1,

DO08E,Enable Output 8 SUP Control,N2://SYS91.1.E:2,BOOL,1,

BAS\_Active,Suervisory System is Acive,N2://SYS91.1.10:2,BOOL,1,

SUP\_Word,Item 1 SUP - full word,N2://sys91.1:2,UI16,1,

DO03\_Triac,Output 3 is On,N2://SYS91.5.1:1,BOOL,0,

DO04\_Triac,Output 4 is On,N2://SYS91.5.2:1,BOOL,0,

DO05\_Triac,Output 5 is On,N2://SYS91.5.3:1,BOOL,0,

DO06\_Triac,Output 6 is On,N2://SYS91.5.4:1,BOOL,0,

DO07\_Triac,Output 7 is On,N2://SYS91.5.5:1,BOOL,0,

DO08\_Triac,Output 8 is On,N2://SYS91.5.6:1,BOOL,0,