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Configuration Summary

System

Apex Name	PoolController
AOS Version	341935502
Serial Number	AC5:46912
Report Generated	Mon May 20 2024 13:40:50 GMT-0400 (Eastern Daylight Time)

Modules

Address	2	Name	PowerModule	Type	EB832
Address	4	Name	FlowModule	Type	FMM
Address	5	Name	PM1_5	Type	PM1

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Inputs

Device	2_P0	Name	Pump_INP1 A	Type	A
Device	2_P1	Name	Pump_INP2 A	Type	A
Device	2_P2	Name	Pump_INP3 A	Type	A
Device	2_P3	Name	Pump_INP4 A	Type	A
Device	2_P4	Name	2_5A	Type	A
Device	2_P5	Name	PWD_Relay A	Type	A

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Device	2_P7	Name	PWD_DOSA	Type	A
Device	2_P8	Name	Pump_INP1W	Type	W
Device	2_P9	Name	Pump_INP2W	Type	W
Device	2_P10	Name	Pump_INP3W	Type	W
Device	2_P11	Name	Pump_INP4W	Type	W
Device	2_P12	Name	2_5W	Type	W
Device	2_P13	Name	PWD_RelayW	Type	W

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Device	2_P15	Name	PWD_DOSW	Type	W
Device	2_P16	Name	Volt_2	Type	V
Device	4_I4	Name	Swx4_4	Type	Switch
Device	4_P0	Name	FMain	Type	Flow Sensor
Device	4_P1	Name	FProbe	Type	Flow Sensor
Device	4_P2	Name	FDos	Type	Flow Sensor
Device	5_0	Name	RofTmp	Type	Temperature

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Device	5_1	Name	pHx5	Type	pH
Enabled	true				
Device	5_2	Name	ORPx5	Type	ORP
Enabled	false				
Device	5_I1	Name	Swx5_1	Type	Switch
Device	5_I2	Name	Swx5_2	Type	Switch
Device	5_I3	Name	Swx5_3	Type	Switch
Device	5_I4	Name	Swx5_4	Type	Switch
Device	5_I5	Name	Swx5_5	Type	Switch

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Device	base_Cond	Name	Salt	Type	Conductivity
Enabled	false				
Device	base_I1	Name	Sw1	Type	Switch
Device	base_I2	Name	Sw2	Type	Switch
Device	base_I3	Name	Sw3	Type	Switch
Device	base_I4	Name	Sw4	Type	Switch
Device	base_I5	Name	Sw5	Type	Switch
Device	base_I6	Name	Sw6	Type	Switch

Enabled	true				
Device	base_pH	Name	pH	Type	pH
Enabled	true				
Device	base_pH2	Name	pH2	Type	pH
Enabled	false				
Device	base_Temp	Name	Tmp	Type	Temperature
Enabled	true				

Outputs

ID	0	Device	base_Var1	Name	VarSpd1_I1
Type	Variable	Icon	↕ Up/Down	Control	Advanced

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Log	Disable				
Program	`Set PF1`				

ID	1	Device	base_Var2	Name	VarSpd2_I2
Type	Variable	Icon	↔ Left/Right Arrows	Control Type	Advanced
Log	Disable				
Program	`Set PF2`				

ID	2	Device	base_Var3	Name	VarSpd3_I3
Type	Variable	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				
Program	`Set PF3`				

Type	Variable	Icon	↔ Left/Right Arrows	Control Type	Advanced
Log	Disable				
Program	`Set PF4`				

ID	4	Device	base_Alarm	Name	SndAlm_I6
Type	Alarm	Icon	Sound B	Control Type	Advanced
Log	Enable				
Program	`Set OFF`				

ID	5	Device	base_Warn	Name	SndWrn_I7
Type	Alarm	Icon	Sound A	Control Type	Advanced

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Program	`Set OFF`				
ID	6	Device	base_email	Name	SndEmail_I5
Type	Alarm	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Enable				
Program	`Set OFF`				
ID	8	Device	2_1	Name	Pump_INP1
Type	Outlet	Icon	Bars	Control Type	Advanced
Log	Disable				

Program	`Fallback OFF`
	`Set OFF`
	`If Output Pump1 = ON Then OFF`
	`If Output Pump2 = ON Then ON`				

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ID	9	Device	2_2	Name	Pump_INP2
Type	Outlet	Icon	Fan	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
Set OFF
If Output Pump1 = ON Then OFF
If Output Pump2 = ON Then OFF
If Output Pump3 = ON Then ON
If Output Pump4 = ON Then ON
```

ID	10	Device	2_3	Name	Pump_INP3
Type	Outlet	Icon	Bars	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
Set OFF
```

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```
If Output Pump4 = ON Then OFF
```

ID	11	Device	2_4	Name	Pump_INP4
Type	Outlet	Icon	Fan	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
Set OFF
If Output PumpOff = ON Then ON
If Output Maintenance = ON Then ON
```

ID	12	Device	2_5	Name	2_5
Type	Outlet	Icon	Bars	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
Set OFF
```

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ID	13	Device	2_6	Name	PWD_Relay
Type	Outlet	Icon	Bars	Control Type	Advanced
Log	Disable				
Program	`Fallback ON` `Set ON`				

ID	14	Device	2_7	Name	2_7
Type	Outlet	Icon	Bars	Control Type	Advanced
Log	Disable				
Program	`Fallback OFF` `Set OFF`				

ID	15	Device	2_8	Name	PWD_DOS

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Log	Disable				
Program	`Fallback ON` `Set ON`				

ID	16	Device	2_9	Name	LinkA_2_9
Type	24VDC	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				
Program	`Set OFF`				

ID	17	Device	2_10	Name	Waterfall
Type	24VDC	Icon	Spigot	Control Type	Advanced
Log	Enable				

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```
If FMain < 0 Then OFF
If Output PumpOff = ON Then OFF
If Output Maintenance = ON Then OFF
If Output Chemical_Add = ON Then OFF
```

ID	20	Device	4_1	Name	LinkA_4_1
Type	24VDC	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				
Program	`Set OFF`				

ID	21	Device	4_2	Name	Alarm_4_2
Type	Alarm	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Enable				

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ID	22	Device	Cntl_A1	Name	Pump1
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Set OFF
If Time 09:00 to 18:00 Then ON
If Output PumpOff = ON Then OFF
If Output Pump2 = ON Then OFF
If Output Pump3 = ON Then OFF
If Output Pump4 = ON Then OFF
```

ID	23	Device	Cntl_A2	Name	Pump2
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Set OFF
If Time 10:00 to 16:00 Then ON
If Output Pump3 = ON Then OFF
```

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ID	24	Device	Cntl_A3	Name	Pump3
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Set OFF
If RofTmp > 90.0 Then ON
If RofTmp < 89.9 Then OFF
If Output Chemical_Add = ON Then ON
```

ID	25	Device	Cntl_A4	Name	Pump4
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

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```
If Output Pump1 = ON Then OFF
If Output Pump2 = ON Then OFF
If Output Pump3 = ON Then OFF
```

ID	26	Device	Cntl_A5	Name	Maintenance
Type	Virtual	Icon	⧖ Hourglass	Control Type	Advanced
Log	Disable				
Program	`Set OFF`				

ID	27	Device	Cntl_A6	Name	Chemical_Add
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				
Program	`Set OFF`				

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ID	28	Device	Cntl_A7	Name	PumpOff
Type	Virtual	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
Set OFF
If Output Maintenance = ON Then ON
```

ID	29	Device	8_1	Name	DOS_Acid
Type	DŌS Pump	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
tdata 00:00:00,1,16,21,218,2,88,143,22,20,2,28,10,0
Set OFF
If pH > 7.70 Then ON
If pH < 7.70 Then OFF
If FDos < 60 Then OFF
If Output Maintenance = ON Then OFF
```

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ID	30	Device	8_2	Name	DOS_Chlorine
Type	DŌS Pump	Icon	↕ Up/Down Arrows	Control Type	Advanced
Log	Disable				

Program

```
Fallback OFF
tdata 00:00:00,1,16,21,218,2,88,143,22,20,2,28,10,0
Set OFF
If ORP < 650 Then ON
If FDos < 30 Then OFF
If Output Maintenance = ON Then OFF
If Output Chemical_Add = ON Then OFF
If Output DOS_Acid = ON Then OFF
If ORP > 650 Then OFF
If FProbe < 30 Then OFF
```

Profiles

ID	1	Name	PF1	Type	Pump

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On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				
ID	2	Name	PF2	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				
ID	3	Name	PF3	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds

Maximum Intensity	100%				

ID	4	Name	PF4	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	5	Name	PF5	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%

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ID	6	Name	PF6	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	7	Name	PF7	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

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Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	9	Name	PF9	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	10	Name	PF10	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds

Maximum Intensity	100%				

ID	11	Name	PF11	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	12	Name	PF12	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%

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ID	13	Name	PF13	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	14	Name	PF14	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

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Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	16	Name	PF16	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	17	Name	PF17	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds

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Maximum Intensity	100%				

ID	18	Name	PF18	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	19	Name	PF19	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%

ID	20	Name	PF20	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	21	Name	PF21	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

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Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	23	Name	PF23	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	24	Name	PF24	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds

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Maximum Intensity	100%				
ID	25	Name	PF25	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				
ID	26	Name	PF26	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%

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ID	27	Name	PF27	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	28	Name	PF28	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

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Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	30	Name	PF30	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				

ID	31	Name	PF31	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds

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Maximum Intensity	100%				
ID	32	Name	PF32	Type	Pump
Synchronize	Disable	Divide by 10	Disable	Initial Off Time	1 seconds
On Time	1 seconds	Off Time	1 seconds	Minimum Intensity	0%
Maximum Intensity	100%				