

## AUX USER PROGRAM DEFINITIONS- V3



```
501 AUX USER PROGRAM
AUX #1
    Enabled
[Yes]
```

This 501 parameter enables and disables the program. It should be enabled to make this aux user program active. Can be used to quickly and temporarily disable a parameter with out loosing the settings.

```
502 AUX USER PROGRAM
AUX #1
    Input Number
[30]          0-53
```

This is the input number for the aux user program. It can be an actual hardware input (Input numbers can be seen on the drawing) or it can be an internal software function.

```
503 AUX USER PROGRAM
AUX #1
    Input contact type
[ NO]
```

Input contact type, either normally closed (NC) or normally open (NO). Normally closed could be described as an inverter. For example, if the input was engine run, and 503 set to NC, then an engine stopped feature would be achieved.

```
504 AUX USER PROGRAM
AUX #1
    Trip Time
[ 0] Sec      0-999
```

This is the amount of time required before the input is activated. For example, if the input was engine run, and trip time set to 5 seconds, then the output would be activated 5 seconds after the engine runs.

```
505 AUX USER PROGRAM
AUX #1
    Reset Time
[ 0] Sec      0-999
```

This is an off delay time for the aux user program. For example, if this parameter was set to 5 seconds, with the input set to engine run, then this output would turn off 5 seconds after the engine has stopped.

```
506 AUX USER PROGRAM
AUX #1
    Auto reset enabled
[Yes]
```

If set to yes then this parameter will make the channel automatically reset once the input has cleared. If set to no, then the input must be cleared AND the user must press the reset push button before the output is cleared.

```
507 AUX USER PROGRAM
AUX #1
    Horn enabled
[Yes]
```

If set to yes, this parameter will make the alarm activate when the output is on.

```
508 AUX USER PROGRAM
AUX #1
    Horn silence
[Yes]
```

If set to yes, this will make the alarm muteable when activated.

```
509 AUX USER PROGRAM
AUX #1
    Display on LCD
[ 0]          0-24
```

This is the text message displayed on the OID, when this alarm is activated.

```
510 AUX USER PROGRAM
AUX #1
    Output 1 Number
[ 0]          0-24
```

This is the output number for the channel. Can be set to any output from 1 to 24, which includes the various controller functions such as the alarm, as well as the volt free contacts. Set to 0 for no output.

```
511 AUX USER PROGRAM
AUX #1
    Output 2 Number
[ 0]          0-24
```

```
512 AUX USER PROGRAM
AUX #1
    Output 3 Number
[ 0]          0-24
```

```
513 AUX USER PROGRAM
AUX #1
    Record in event Log
[NO ]
```

If set to yes then this event will be recorded in the event log.

```
514 AUX USER PROGRAM
AUX #1
    Text Message Number
[ 0]          0-27
```

This is the text message number for the event to be recorded in the event or alarm log.

MP xxx  
 SERIAL NO:  
 DATE:

CUSTOMER:

### USER PROGRAM CHART,v3



	PARAMETER	AUX 1	AUX 2	AUX 3	AUX 4	AUX 5	AUX 6	AUX 7	AUX 8	AUX 9	AUX 10	AUX 11	AUX 12
501	ENABLED												
502	INPUT No.												
503	INPUT CONTACT TYPE												
504	TRIP TIME												
505	RESET TIME												
506	AUTO RESET ENABLED												
507	HORN ENABLED												
508	HORN SILENCE												
509	DISPLAY ON LCD												
510	OUTPUT 1 NUMBER												
511	OUTPUT 2 NUMBER												
512	OUTPUT 3 NUMBER												
513	RECORD IN EVENT LOG												
514	TEXT MESSAGE NUMBER												

**MP300 & MP430 INPUT / OUTPUT SCHEDULE, v3**

INPUT	FUNCTION	OUTPUT	FUNCTION
IN 01	EMERGENCY START	OUT 1	HORN
IN 02	MANUAL START PB	OUT 2	CIRCUIT BREAKER TRIP COIL
IN 03	MANUAL STOP PB	OUT 3	STAR CONTACTOR
IN 04	STAR CONTACTOR ENERGIZED	OUT 4	DOL CONTACTOR
IN 05	DOL CONTACTOR ENERGIZED	OUT 5	
IN 06	SPARE	OUT 6	
IN 07	SPARE	OUT 7	POWER AVAILABLE CONTACTS
IN 08	SPARE	OUT 8	PHASE REVERSAL CONTACTS
IN 09	SPARE	OUT 9	PUMP RUNNING CONTACTS
IN 10	MOTOR LOCK OUT INPUT	OUT 10	CONTROLLER NOT IN AUTO
IN 11	DELUGE VALVE START INPUT	OUT 11	AUX 1 CONTACTS
IN 12	REMOTE START INPUT	OUT 12	AUX 2 CONTACTS
IN 13	AUX 1 IN / PRESSURE SWITCH	OUT 13	AUX 3 CONTACTS
IN 14	AUX 2 IN / LOW INTAKE	OUT 14	AUX 4 CONTACTS
IN 15	AUX INPUT 3	OUT 15	AUX 5 CONTACTS
IN 16	AUX INPUT 4	OUT 16	AUX 6 CONTACTS
IN 17	AUX INPUT 5	OUT 17	AUX 7 CONTACTS
IN 18	AUX INPUT 6	OUT 18	AUX 8 CONTACTS
IN 19		OUT 19	AUX 9 CONTACTS
IN 20			
IN 21			
IN 22			
IN 24			
30	PUMP RUNNING		
31	POWER AVAILABLE		
32	PHASE REVERSAL		
33	MOTOR OVERLOAD		
34	REMOTE START		
35	LOCAL START		
36	PUMP ON DEMAND		
37	SYSTEM FAULT		
38	AUTO MODE		
39	MANUAL MODE		
40	OFF MODE		
41	PRESSURE TRANSDUCER FAULT		
42	PUMP FAILED TO START		
43	LOW INTAKE SHUTDOWN ALARM		
44	SUPERVISORY POWER FAILURE		
45	SOFT START FAULT		
46	LOW PRESSURE		
47	AUTO WEEKLY TEST START		
48	UNDER FREQUENCY		
49	OVER FREQUENCY		
50	LOW ZONE / HI ZONE CONTACTS		
51	HIGH DISCHARGE PRESSURE		
52	NO LOAD CONDITION		
53	HIGH VOLTAGE		
54	LOW VOLTAGE		
<b>Aux Alarm Text List Messages</b>			
0	AUXILIARY ALARM	16	PUMP ROOM DOOR AJAR
1	LOW PUMP ROOM TEMPERATURE	17	
2	RESERVOIR LOW	18	
3	RESERVOIR EMPTY	19	
4	RESERVOIR HIGH	20	
5	FLOW METER ON	21	
6	RELIEF VALVE OPEN	22	
7	LOW SUCTION PRESSURE	23	
8	HIGH PUMP ROOM TEMPERATURE	24	
9	LOW FIREWATER PRESS	25	
10	LOW PURGE PRESSURE	26	
11	LOW GEAR OIL PRESS	27	
12	HIGH GEAR OIL TEMP	28	
13	HIGH VIBRATION	29	
14	GAS DETECTION	30	
15	EMERGENCY POWER ON		