

RackSystem

Type

HIMax

	Name	Data type	Input Variable	Global Variable
1	Allow Online Settings	BOOL	<input checked="" type="checkbox"/>	
2	Autostart	BOOL	<input checked="" type="checkbox"/>	
3	CRC	UDINT	<input checked="" type="checkbox"/>	
4	Cycle Time, average [ms]	UDINT	<input checked="" type="checkbox"/>	SYSTEM_CYCLE_TIME_AVERAGE
5	Cycle Time, last [ms]	UDINT	<input checked="" type="checkbox"/>	
6	Cycle Time, max [ms]	UDINT	<input checked="" type="checkbox"/>	SYSTEM_CYCLE_TIME_MAX
7	Cycle Time, min [ms]	UDINT	<input checked="" type="checkbox"/>	SYSTEM_CYCLE_TIME_MIN
8	Date/time [ms portion]	UDINT	<input checked="" type="checkbox"/>	
9	Date/time [s portion]	UDINT	<input checked="" type="checkbox"/>	
10	Emergency Stop 1	BOOL	<input type="checkbox"/>	
11	Emergency Stop 2	BOOL	<input type="checkbox"/>	
12	Emergency Stop 3	BOOL	<input type="checkbox"/>	
13	Emergency Stop 4	BOOL	<input type="checkbox"/>	
14	Fan State	BYTE	<input checked="" type="checkbox"/>	
15	Force Switch State	UDINT	<input checked="" type="checkbox"/>	FORCE_COUNT
16	Forcing Active	BOOL	<input checked="" type="checkbox"/>	
17	Forcing Deactivation	BOOL	<input type="checkbox"/>	FORCE_ENABLE
18	Forcing Deactivation	BOOL	<input checked="" type="checkbox"/>	FORCING_ACTIVE
19	Global Forcing Started	BOOL	<input checked="" type="checkbox"/>	
20	Last Communication Error [ms]	UDINT	<input checked="" type="checkbox"/>	
21	Last Communication Error [s]	UDINT	<input checked="" type="checkbox"/>	
22	Last Communication Warning [ms]	UDINT	<input checked="" type="checkbox"/>	
23	Last Communication Warning [s]	UDINT	<input checked="" type="checkbox"/>	
24	Last Field Error [ms]	UDINT	<input checked="" type="checkbox"/>	

Output System Variables,
Logic -> Controller allocations

Input System Variables
Controller -> Logic Allocations

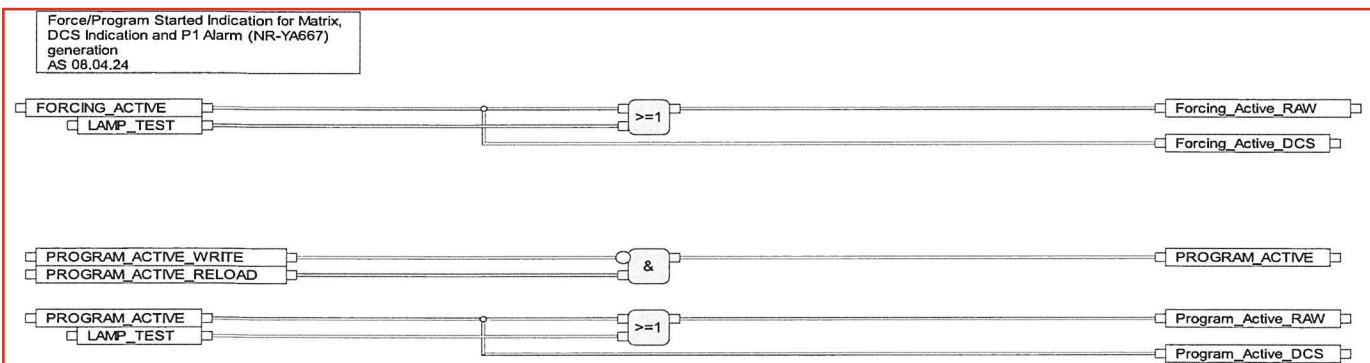
RackSystem

Type


HIMax

	Name	Data type	Input Variable	Global Variable
55	Power Supply State [1]	BYTE	<input checked="" type="checkbox"/>	
56	Power Supply State [2]	BYTE	<input checked="" type="checkbox"/>	
57	Power Supply State [3]	BYTE	<input checked="" type="checkbox"/>	
58	Power Supply State [4]	BYTE	<input checked="" type="checkbox"/>	
59	Read-only in RUN	BOOL	<input type="checkbox"/>	PROGRAM_ENABLE_READONLY
60	Read-only in RUN	BOOL	<input checked="" type="checkbox"/>	PROGRAM_ACTIVE_WRITE
61	Redundancy Info	UDINT	<input checked="" type="checkbox"/>	
62	Reload Allowed	BOOL	<input checked="" type="checkbox"/>	PROGRAM_ACTIVE_RELOAD
63	Reload Cycle	BOOL	<input checked="" type="checkbox"/>	
64	Reload Deactivation	BOOL	<input type="checkbox"/>	PROGRAM_ENABLE_RELOAD
65	Reload Deactivation	BOOL	<input checked="" type="checkbox"/>	
66	Remaining Global Force Duration [ms]	DINT	<input checked="" type="checkbox"/>	
67	Responsible Module Essential	BYTE	<input checked="" type="checkbox"/>	
68	Safety time [ms]	UDINT	<input checked="" type="checkbox"/>	
69	Spare 0	USINT	<input type="checkbox"/>	
70	Spare 0	USINT	<input checked="" type="checkbox"/>	
71	Spare 1	USINT	<input type="checkbox"/>	
72	Spare 1	USINT	<input checked="" type="checkbox"/>	
73	Spare 2	USINT	<input type="checkbox"/>	
74	Spare 2	USINT	<input checked="" type="checkbox"/>	
75	Spare 3	USINT	<input type="checkbox"/>	
76	Spare 3	USINT	<input checked="" type="checkbox"/>	
77	Spare 4	USINT	<input type="checkbox"/>	
78	Spare 4	USINT	<input checked="" type="checkbox"/>	

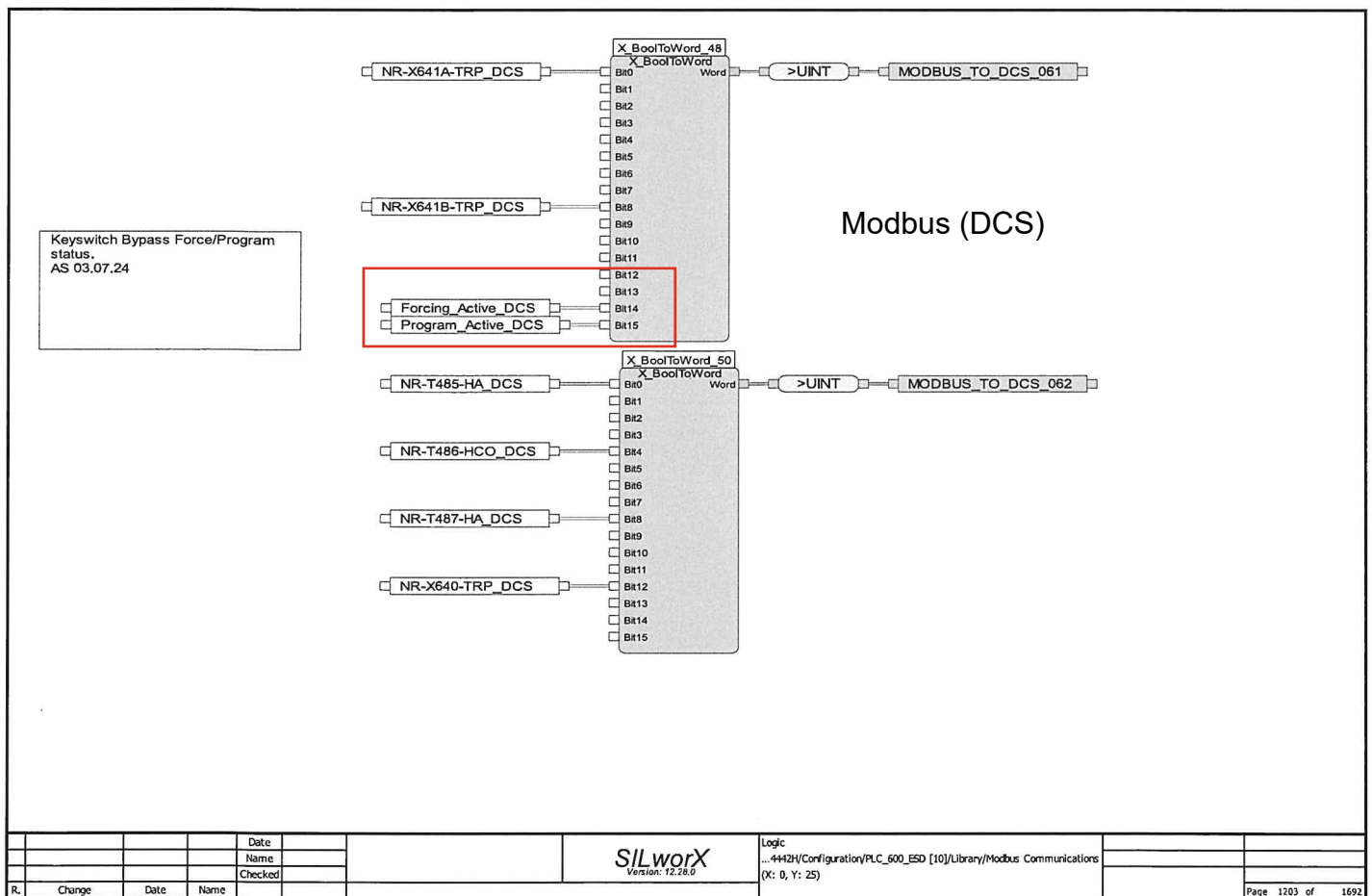
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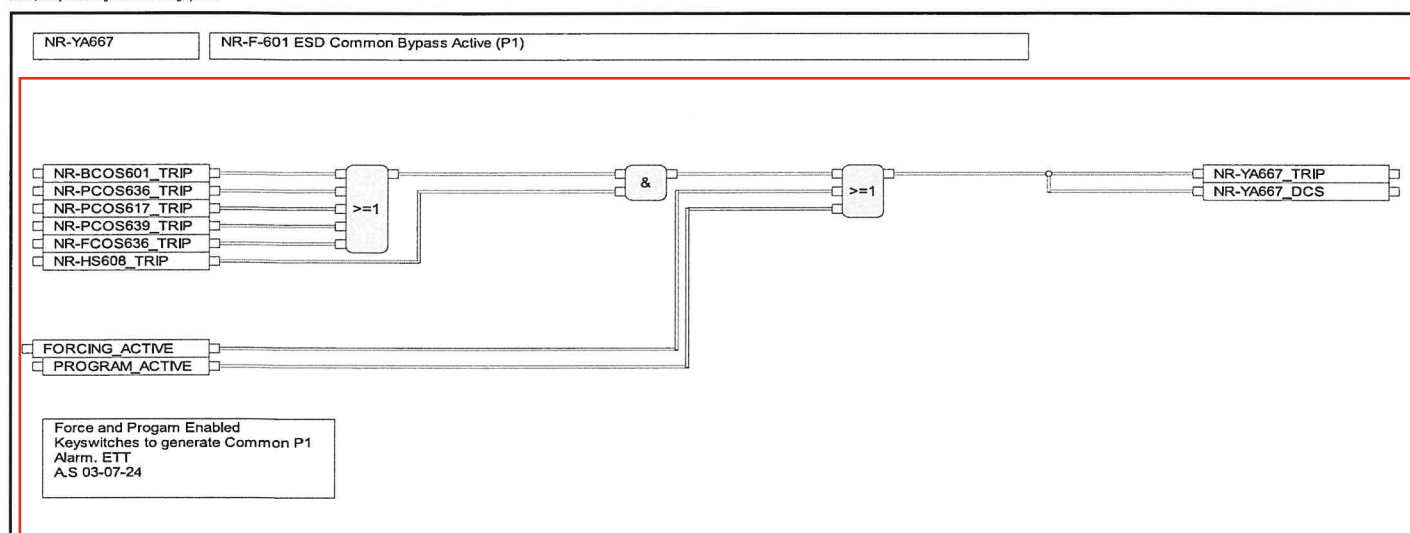
GV for LED Outputs and DCS Comms

			Date		 Version: 12.28.0	Logic /C144424/Configuration/PLC_600_ESD [10]/Library/Digital Outputs (X: -1, Y: 0)			
			Name						
			Checked						
R.	Change	Date	Name						Page 1059 of 1692

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Keyswitch statuses added to Common P1 Alarm logic

			Date		 Version: 12.28.0	Logic /C14442H/Configuration/PLC_600_ESD [10]/NR-F-601/C&E Logic F601 (X: 1, Y: 11)				
			Name							
			Checked							
R.	Change	Date	Name						Page 1302 of 169	

THA487 Setpoint changes

GV [10.x.x]										
	Name	Data type	Initial Value	Description	Additional Comment	Technical Unit	Retain	Constant	EU Initial Value	EU Fine
	*Y_PRE_PRE_AL_SP						No I	No Filtr		
43	NR-T470C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
44	NR-T470B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
45	NR-T470A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
46	NR-T469C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
47	NR-T469B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
48	NR-T469A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
49	NR-T468C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
50	NR-T468B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
51	NR-T468A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
52	NR-T467C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
53	NR-T467B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
54	NR-T467A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
55	NR-T466C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
56	NR-T466B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
57	NR-T466A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
58	NR-T465C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
59	NR-T465B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
60	NR-T465A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
61	NR-T464C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
62	NR-T464B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
63	NR-T464A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
64	NR-T463C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
65	NR-T463B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
66	NR-T463A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
67	NR-T462C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
68	NR-T462B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
69	NR-T462A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
70	NR-T461C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
71	NR-T461B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
72	NR-T461A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
73	NR-T460C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
74	NR-T460B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
75	NR-T460A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
76	NR-T459C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
77	NR-T459B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
78	NR-T459A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
79	NR-T458C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
80	NR-T458B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
81	NR-T458A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
82	NR-T457C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
83	NR-T457B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
84	NR-T457A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		

[illegible]

GV [10.x.x]										
	Name	Data type	Initial Value	Description	Additional Comment	Technical Unit	Retain	Constant	EU Initial Value	EU Final Value
	*Y_PRE_PRE_AL_SP						No I	No Fil		
1	NR-T484C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2	NR-T484B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3	NR-T484A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4	NR-T483C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5	NR-T483B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6	NR-T483A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7	NR-T482C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8	NR-T482B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
9	NR-T482A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
10	NR-T481C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
11	NR-T481B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
12	NR-T481A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
13	NR-T480C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
14	NR-T480B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
15	NR-T480A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
16	NR-T479C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
17	NR-T479B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
18	NR-T479A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
19	NR-T478C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
20	NR-T478B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
21	NR-T478A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
22	NR-T477C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
23	NR-T477B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
24	NR-T477A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
25	NR-T476C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
26	NR-T476B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
27	NR-T476A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
28	NR-T475C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
29	NR-T475B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
30	NR-T475A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
31	NR-T474C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
32	NR-T474B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
33	NR-T474A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
34	NR-T473C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
35	NR-T473B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
36	NR-T473A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
37	NR-T472C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
38	NR-T472B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
39	NR-T472A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
40	NR-T471C-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
41	NR-T471B-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		
42	NR-T471A-Y_PRE_PRE_AL_SP	REAL	3583.0	Pre-Pre-Alarm Set Point			<input type="checkbox"/>	<input checked="" type="checkbox"/>		