



Point Name	BACnet		Modbus		N2 Open		LonWorks		Read Only	Description
	Name	Type:ID	Object Type	Register	Type	Object ID	Name	SNVT		
BV Unit Enable (BAS)	enable_bas_1	BV:1	discrete out	1	binary out	1	nviEnaBas	SNVT_Count_inc 9		Network parameter to define occupancy
Unocc Clg Setpoint	unocc_clg_stpt_1	AV:3	float value	40025	data float	13	nviUnoccClgStpt	SNVT_temp_p 105		Network parameter to define unoccupied cooling setpoint
Occ Clg Setpoint	occ_clg_stpt_1	AV:4	float value	40017	data float	9	nviOccClgSpt	SNVT_temp_p 105		Network parameter to define occupied cooling setpoint
Effect Cooling Setpoint	eff_clg_stpt_1	AV:5	float value	40009	data float	5	nvoEffClgStpt	SNVT_temp_p 105	✓	Network status of effective cooling setpoint (after setpoint adjustment applied)
Effect Zone Temp	eff_zone_temp_1	AV:7	float value	40015	data float	8	nvoEffZnTmp	SNVT_temp_p 105	✓	Network status of zone temperature
Setpoint Adjust	stpt_adj_1	AV:8	float value	40021	data float	11	nvoStptAdj	SNVT_temp_p 105	✓	Network status of setpoint adjustment (from sensor in space)
Override Time	ovr_time_1	AV:9	float value	40019	data float	10	nvoOvrTime	SNVT_Count 8	✓	Network status of override time remaining (from sensor in space)
Effect Disch Air Temp	eff_dat_1	AV:10	float value	40011	data float	6	nvoEffDat	SNVT_temp_p 105	✓	Network status of discharge air temperature
Effect Leaving Wtr Temp	eff_lwt_1	AV:11	float value	40013	data float	7	nvoEffLwt	SNVT_temp_p 105	✓	Network status of leaving water temperature
Cooling Percent	clg_pct_1	AV:13	float value	40005	data float	3	nvoClgPct	SNVT_lev_cont 21	✓	Network status indicating percent capacity of cooling
LP1	lp1_2st_1	BV:4	discrete in	10020	binary in	20	nvoLp1Alm	SNVT_Count_inc 9	✓	Network status of UPM Low Pressure Alarm Comp 1( 0=LP1 normal, 1=LP1 alarm)
HP1	hp1_2st_1	BV:5	discrete in	10017	binary in	17	nvoHp1Alm	SNVT_Count_inc 9	✓	Network status of UPM High Pressure Alarm Comp 1( 0=HP1 normal, 1=HP1 alarm)
LP2	lp2_2st_1	BV:6	discrete in	10021	binary in	21	nvoLp2Alm	SNVT_Count_inc 9	✓	Network status of UPM Low Pressure Alarm Comp 2( 0=LP2 normal, 1=LP2 alarm)
HP2	hp2_2st_1	BV:7	discrete in	10018	binary in	18	nvoHp2Alm	SNVT_Count_inc 9	✓	Network status of UPM High Pressure Alarm Comp 2 ( 0=HP2 normal, 1=HP2 alarm)
FRE	frz_2st_1	BV:8	discrete in	10016	binary in	16	nvoFrzAlm	SNVT_Count_inc 9	✓	Network status of UPM Freeze Alarm (0=FRZ normal, 1=FRZ alarm)
CON	con_2st_1	BV:9	discrete in	10010	binary in	10	nvoConAlm	SNVT_Count_inc 9	✓	Network status of UPM Condensate Alarm (0=CON normal, 1=CON alarm)
BRN	brn_2st_1	BV:10	discrete in	10007	binary in	7	nvoBrnAlm	SNVT_Count_inc 9	✓	Network status of UPM Brownout Alarm (0=BRN normal, 1=BRN alarm)
Comp1 Output Cmd	cmp1_cmd_1	BV:11	discrete in	10002	binary in	2	nvoCmp1Cmd	SNVT_Count_inc 9	✓	Network status of compressor 1 output command (0=Comp1 Off, 1=Comp1 On)
Comp2 Output Cmd	cmp2_cmd_1	BV:12	discrete in	10003	binary in	3	nvoCmp2Cmd	SNVT_Count_inc 9	✓	Network status of compressor 2 output command (0=Comp2 Off, 1=Comp2 On)
Compressor Stages	cmp_stgs_1	AV:14	float value	40001	data float	1	nvoCmpStgs	SNVT_Count 8	✓	Network status indicating number of compressor stages in unit



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Comp1 Runtime Rst	cmp1_rntm_rst_1	BV:13	discrete out	2	binary out	2	nviCmp1RntmRst	SNVT_Count_inc 9		Network parameter to reset Comp 1 runtime. Momentary On/Off required.
Comp2 Runtime Rst	cmp2_rntm_rst_1	BV:14	discrete out	3	binary out	3	nviCmp2RntmRst	SNVT_Count_inc 9		Network parameter to reset Comp 2 runtime. Momentary On/Off required.
Rev Valve Output Cmd	rev_vlv_cmd_1	BV:15	discrete in	10010	binary in	15	nvoRevVlvCmd	SNVT_Count_inc 9	✓	Network status of reversing valve output command (1=vlv energized, 0=vlv de-energized)
Rev Valve Action	rev_vlv_act_1	BV:16	discrete out	7	binary out	7	nvoRevVlvAct	SNVT_Count_inc 9		Network parameter for reversing valve action (1=Cooling is active, 0=Heating is active)
Fan Output Cmd	fan_cmd_1	BV:17	discrete in	10004	binary in	4	nvoFanCmd	SNVT_Count_inc 9	✓	Network status of fan output command (1=fan On, 0=fan Off)
Continuous Fan	cont_fan_1	BV:18	discrete out	4	binary out	4	nviFanCont	SNVT_Count_inc 9		Network parameter to run fan continuously during Occ Mode (On=runs in occupied, Off=cycle with
Reset Fan Rntm	fan_rntm_rst_1	BV:19	discrete out	6	binary out	6	nviRstFanRntm	SNVT_Count_inc 9		Network parameter to reset fan runtime. Momentary On/Off required.
Aux Heat Output Cmd	aux_htg_cmd_1	BV:20	discrete in	10013	binary in	13	nvoAuxHtgCmd	SNVT_Count_inc 9	✓	Network status of auxilliary heat output command (1=heat On, 2=heat Off_
Occupancy Status	occ_status_1	BV:21	discrete in	10006	binary in	6	nvoOccSta	SNVT_Count_inc 9	✓	Network status of occupancy command (1=occupied, 0=unoccupied)
NSB Status	nsb_status_1	BV:22	discrete in	10005	binary in	5	nvoNsbSta	SNVT_Count_inc 9	✓	Network status of night setback command (1=NSB enabled , 2=NSB disabled)
Control Source	ctrl_source_1	AV:15	float value	40003	data float	2	nviCtrlSrce	SNVT_Count_inc 9		Network parameter setting control source for occupancy (0=Digital Input 1, 1=Keypad Schedule, 2=BAS Occupancy Command, 3=Factory Use, 4=Manual On-Continuous)
Loop Enabled	loop_enabled_1	BV:23	discrete out	5	binary out	5	nviLoopEna	SNVT_Count_inc 9		Network parameter indicating loop status (On=Allow Heat/Cool, Off=Disable Heat/Cool)
System Status	sys_status_1	AV:16	float value	40023	data float	12	nvoSysSta	SNVT_Count 8	✓	General System Status: 0=Unoccupied, 1=Occupied, 2=Fan Only, 3=Heating, 4=Cooling, 5=Transition to Cool, 6=Transition to Heat, 7=Manual Cool, 8=Manual Heat
Alarm Status	alm_status_1	BV:24	discrete in	10001	binary in	1	nvoAlmSta	SNVT_Count_inc 9	✓	Network Status indicating alarm condition in unit (see "Current Alarm" for more information)
Current Alarm	current_alarm_1	AV:17	float value	40007	data float	4	nvoCurAlm	SNVT_Count 8	✓	Network status indicating alarm condition in unit (0=No Alarm, 1-7=UPM Fault Code, 20=Output Overridden via Keypad, 30=Sensor Failure, 40=Zone Temp Alarm, 50=Discharge Air Temp Alarm, 60=Filter Alarm/ Comp Run Time Alarm, 70=Leaving Water Temp Alarm)
UPM Reset	upm_rst_1	BV:25	discrete out	7	binary out	7	nviUpmRst	SNVT_Count_inc 9		UPM Reset. Momentary. Would rather the BAS toggle the OCC signal or setpoints to reset. This is here to use on an as needed basis