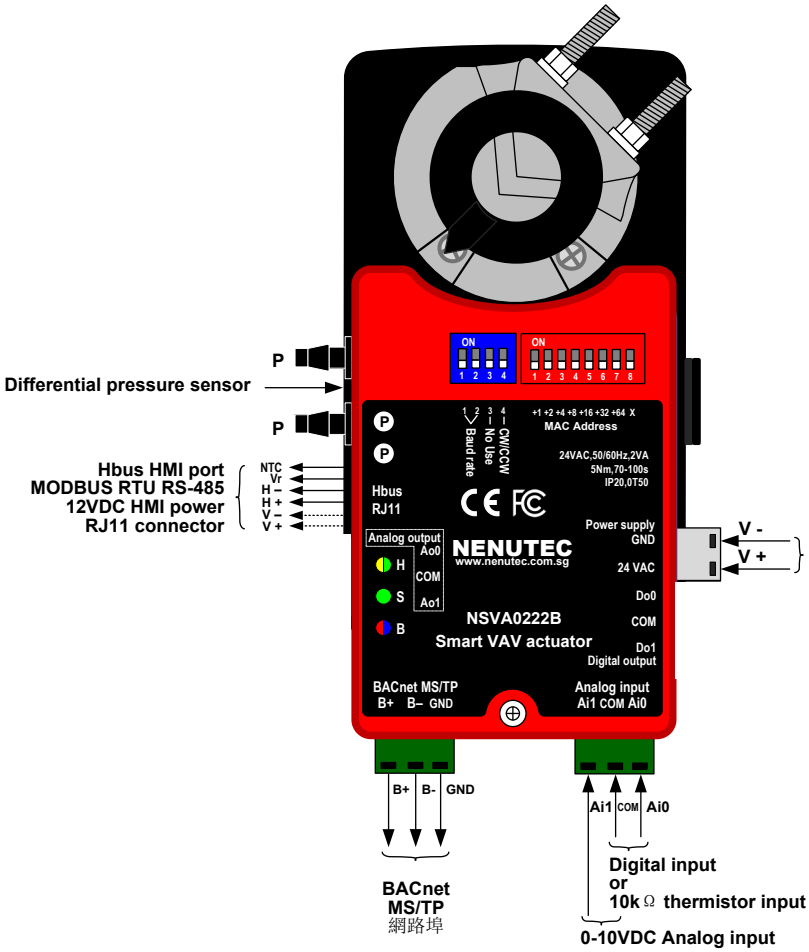
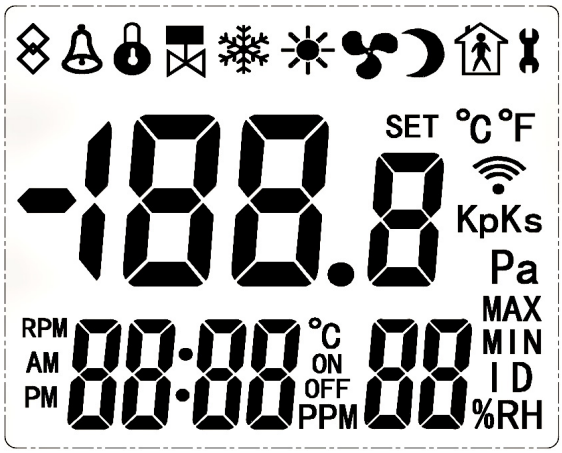
NSVA & NEVD
DISPLAY COMMUNICATION

OBJECT LIST

NSVA VAV SMART DAMPER ACTUATOR





NEVD VAV SMART ACTUATOR HMI

TABLE 1 : BACNET OBJECT LIST FOR CONTROLLER INPUTS/OUTPUTS

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	UNIT	OBJECT TYPE	READ/ WRITE	NOTE
AI0	Temp	Ai0 for NTC sensor, Digital Input (Dry Contact)	°C	Analog Input (NTC), Digital Input	R	
AI1	ADC	Ai1 for 0-10VDC	Vtg	Analog Input	R	
AI2	NTC	For Knob thermostat NTC temperature sensor (Internal Use)	°C	Analog Input	R	
AI3	VR	For Knob thermostat VR temperature setpoint (Internal Use)	°C	Analog Input	R	
AI12	Air Pressure	For DP sensor (Internal Use)	Pa	Analog Input	R	

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	UNIT	OBJECT TYPE	READ/ WRITE	NOTE
AI13	Air Flow	For VAV box airflow (Internal Use)	LPS	Analog Input	R	
AO14	AO0	Ao0 For 0-10VDC (Heating Valve Output)	%	Analog Output	RW	
AO15	AO1	Ao1 for 0-10VDC	Vtg	Analog Output	RW	
BI4	Over Current	Actuator DC motor over current (Internal Use)	-	Digital Input	RW	
BI5	BI-5	Actuator DC motor over current (Internal Use)	-	Digital Input	RW	
BO6	Open Damper	Damper actuator open control (Internal Use)	-	Digital Output	RW	
BO7	Close Damper	Damper actuator close control (Internal Use)	-	Digital Output	RW	
BO8	DO0	DO0 for 24VAC	-	Digital Output	RW	
BO9	DO1	DO1 for 24VAC	-	Digital Output	RW	

OBJECT LIST

BACNET OBJECT LIST FOR ANALOG VALUES							
BACNET OBJECT ID	**BACNET OBJECT NAME**	**DESCRIPTION / RANGE**	**UNIT**	**DEFAULT VALUE**	**READ/ WRITE**	**MODBUS ID**	**NOTE**
AV0	BACnet device instance number	0-1000	-	1000	R	R0 (HMI)	The value in PC configuration software must be divided by 10.
AV1	DDC Program Version	-	-	-	R	R1	-
AV2	VAV box K factor	0-3276	-	100	RW	R2 (HMI)	-
AV3	VAV box inlet diameter mm	100=4” 125=5” 150=6” 200=8” 250=10” 300=12” 350=14” 400=16”	mm	100	RW	R3 (HMI)	-
AV4	VAV actual airflow for HMI	0-9999	LPS, CFM, CMH	-	R	R4 (HMI)	-
AV5	VAV demand airflow	0-9999	LPS, CFM, CMH	1000	RW	R5	-
AV6	Forced airflow control	0-9999	LPS, CFM, CMH	1000	RW	R6 (HMI)	-
AV7	Cooling maximum airflow	0-9999	LPS, CFM, CMH	30	RW	R7 (HMI)	-
AV8	Cooling minimum airflow	0-9999	LPS, CFM, CMH	10	RW	R8 (HMI)	-
AV9	Heating maximum airflow	0-9999	LPS, CFM, CMH	30	RW	R9 (HMI)	-
AV10	Heating minimum airflow	0-9999	LPS, CFM, CMH	10	RW	R10 (HMI)	-
AV11	VAV damper position (0-10)	0-10	-	-	R	R11 (HMI)	Modbus HMI value is 10 times of this value
AV12	VAV damper override position (0-10)	0-10	-	-	RW	R12 (HMI)	-
AV13	Damper actuator travel time	0-100	Sec	-	R	R13	-
AV14	Heating floating valve travel time	0-100	Sec	50	R	R14	-
AV15	Cooling PID parameter-Kp	0-3276	%/°C	50	RW	R15	-

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV16	Cooling PID parameter-Ki	0-3276	%/°C	0	RW	R16	-
AV17	Heating PID parameter-Kp	0-3276	%/°C	50	RW	R17	-
AV18	Heating PID parameter-Ki	0-3276	%/°C	0	RW	R18	-
AV19	Dead band for temperature control	0-3276	-	2	RW	R19	-
AV20	HMI Temperature sensor display /Pressure display PA	0-100	°C, Pa	-	R	R20 (HMI)	-
AV21	HMI Humidity sensor display /ID address	0-100	%RH	-	R	R21 (HMI)	For NEVD-H
AV22	PPM/RPM/Time display select	0-100	-	-	R	R22	For NEVD-IAQ
AV23	HMI Temperature sensor	0-100	°C/ °F	-	R	R23 (HMI)	-
AV24	HMI Humidity sensor	0-100	%RH	-	R	R24 (HMI)	For NEVD-H
AV25	HMI CO2 sensor	0-3276	PPM	-	R	R25 (HMI)	For NEVD-IAQ
AV26	AV-26 (HMI TVOC sensor)	0-3276	0	-	R	R26	For NEVD-IAQ
AV27	AV-27 (HMI CO sensor)	0-100	PPM	-	R	R27	For NEVD-IAQ
AV28	AV-28 (HMI Pressure sensor)	0-3276	Pa	-	R	R28	-
AV29	Airflow display unit select	0=LPS 1=CFM 2=CMH	-	-	RW	R29 (HMI)	-
AV30	Alarm code	0	-	-	RW	R30	-
AV31	HMI pushbutton lock level	0=No Lock 1=Tmp Lock 2=All Lock	-	-	RW	R31 (HMI)	-
AV32	HMI backlight	0-100	-	-	RW	R32	-
AV33	Cooling set point	av34-av35	°C/ °F	-	RW	R33 (HMI)	-
AV34	Temp. set point high limit	av35-9999	°C/ °F	-	RW	R34 (HMI)	-

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV35	Temp. set point low limit	0-av34	°C/ °F	-	RW	R35 (HMI)	-
AV36	set up/down step	-	°C/ °F	-	R	R36	-
AV37	AV-37 (Heating set point)	AV39-38	°C/ °F	-	RW	R37	-
AV38	AV-38 (Heating set point high limit)	AV39-9999	°C/ °F	30	RW	R38	-
AV39	AV-39 (Heating set point low limit)	0-AV39	°C/ °F	0	RW	R39	-
AV40	HMI Version	-	-	-	R	R40	-
AV41	HMI Password	0-3726	-	100	0	R41 (HMI)	-
AV42	HMI Temperature sensor offset	0-10	°C/ °F	0	RW	R42 (HMI)	-
AV43	HMI Humidity sensor offset	0-10	%RH	0	RW	R43 (HMI)	For NEVD-H
AV44	AV-44 (HMI TVOC sensor offset)	0-10	PPM	0	RW	R44	NEVD-IAQ
AV45	AV-45	Internal Use	-	-	-	R45	-
AV46	AV-46	Internal use	-	-	-	R46	-
AV47	AV-47	NTC temperature sensor	0	-20	R	R47 (HMI)	For NEVR series
AV48	AV-48	Cooling Temperature Setpoint (NEVR series)	-	-	R	R48 (HMI)	For NEVR series
AV49	ai0 for NTC temperature sensor input	-	-	-	R	R49	-
AV50	ai1 for 0-10 v (CO2 sensor) input	0-10	Vtg	AV51	R	R50	-
AV51	ai1 for (Co2 sensor) input scale min.	0-AV52	PPM	40	RW	R51	-
AV52	ai1 for (Co2 sensor) input scale max.	AV52-9999	PPM	200	RW	R52	-
AV53	AV-53	Thermostat for knob (-) low limit, -0.1~5	-	-	RW	R53	For NEVR series

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV54	AV-54	Thermostat for knob (+) high limit, 0~5	-	-	RW	R54	For NEVR series
AV55	AV-55	Knob Deviation=av53+av54	-	-	R	R55	For NEVR series
AV56	AV-56	Set point for knob thermostat=25+av53+av54	-	-	R	R56	For NEVR series
AV57	AV-57	Air flow PID output	-	-	R	R57	-
AV58	AV-58	Temp setpoint+DB	-	-	R	R58	-
AV59	AV-59	Temp setpoint-DB	-	-	R	R59	-
AV60	AV-60	AV29*10	-	-	R	R60	-
AV61	VAV Damper position feedback (0-100)	0-100	%	-	R	R61	-
AV62	Diferential Pressure	0-500	Pa	-	R	R62	-
AV63	Internal Use	-	-	-	-	R63	-
AV64	AV-64	HMI Temp. display-Fahrenheit	°F	-	R	-	-
AV65	AV-65	HMI Temp. display-Celsius	°C	-	R	-	-
AV66	AV-66	Internal Use	-	-	-	-	-
AV67	AV-67	Internal Use	-	-	-	-	-
AV68	AV-68	Actual airflow	LPS	-	R	-	-
AV69	AV-69	Cooling temp max steps (For Knob Thermostat) 0 ~ 4	-	-	RW	-	For NEVR series
AV70	AV-70 (Cooling PID out)	Cooling tmperature PID Output (0-100)	%	-	R	-	-
AV71	AV-71	Airflow correction value	-	-	-	-	-
AV72	AV-72	Internal Use	-	-	-	-	-

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV73	AV-73	Cooling maximum airflow	-	-	R	-	-
AV74	AV-74	Cooling minimum airflow	-	-	R	-	-
AV75	AV-75	Buffer - Setpoint for airflow PID	-	-	R	-	-
AV76	AV-76	Buffer-Damper Position Calculation stage (1)	-	-	R	-	-
AV77	AV-77	Airflow PID parameter-Kp	-	-	RW	-	-
AV78	AV-78	Airflow PID parameter-Ki	-	-	RW	-	-
AV79	AV-79	Internal Use	-	-	-	-	-
AV80	AV-80	VAV Damper Override Position (0-100)	%	-	R	-	-
AV81	AV-81	Internal Use	-	-	RW	-	-
AV82	AV-82	Buffer-Damper position calculation stage (1)	-	-	R	-	-
AV83	AV-83	Buffer-Damper position calculation stage (2)	-	-	R	-	-
AV84	AV-84	Buffer-Damper position calculation stage (3)	-	-	R	-	-
AV85	AV-85	Override air flow control	LPS	-	R	-	-
AV86	AV-86	Internal Use	-	-	-	-	-
AV87	AV-87	Internal Use	-	-	-	-	-
AV88	AV-88	Heating tmperature PID Output (0-100)	%	-	R	-	-
AV89	AV-89	Heating maximum airflow	LPS	-	R	-	-
AV90	AV-90	Heating max cfm	0	-	RW	-	-
AV91	AV-91	Heating min airflow	LPS	-	R	-	-

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV92	AV-92	Buffer- travel time counter A	-	-	RW	-	-
AV93	AV-93	Buffer-cooling demand airflow	-	-	R	-	-
AV94	AV-94	Buffer-heating demand airflow	-	-	R	-	-
AV95	AV-95	Buffer- Damper travel time A	-	-	RW	-	-
AV96	AV-96	Buffer- travel time counter B	-	-	RW	-	-
AV97	AV-97	Buffer- Damper travel time B	-	-	RW	-	-
AV98	AV-98	Buffer- Mode judgment A	-	-	RW	-	-
AV99	AV-99	Buffer- Mode judgment B	-	-	RW	-	-
AV100	AV-100	Buffer- Damper travel time C	-	-	RW	-	-
AV101	AV-101	°C value of cooling setpoint	°C	-	R	-	-
AV102	AV-102	°F value of cooling setpoint	°F	-	R	-	-
AV103	AV-103	°C value of cooling temp setpoint high limit	°C	-	RW	-	-
AV104	AV-104	°C value of cooling temp setpoint high limit	°F	-	RW	-	-
AV105	AV-105	Cooling temp max choose, 0~5	-	-	RW	-	For NEVR series
AV106	AV-106	°F value of temp set point low limit	°F	-	RW	-	-
AV107	AV-107	°C value of temp set point low limit	°C	-	RW	-	-
AV108	AV-108	Cooling temp min choose, -0.1~-5	-	-	RW	-	For NEVR series
AV109	AV-109	Cooling output for airflow pid calculation	%	-	R	-	-
AV110	AV-110	Cooling temp min steps (For Knob Thermostat) -1 ~ -5	-	-	RW	-	For NEVR series

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION / RANGE	UNIT	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
AV111	AV-111	Cooling temperature setpoint	°C	-	R	-	-
AV112	AV-112	Present Value for Cooling Temperature PID	°C	-	R	-	-
AV113	AV-113	Actual airflow-filtered	LPS	-	R	-	-
AV114	AV-114	Internal Use	-	-	-	-	-
AV115	AV-115	Counter (0-AV117)	-	-	R	-	-
AV116	AV-116	Internal Use	-	-	-	-	-
AV117	AV-117	Output sampling 2.2sec	-	2.2	RW	-	-
AV118	AV-118	VAV Damper position control output, 0-100	%	-	R	-	-
AV119	AV-119	Counter for dp changes, 0-25	-	-	RW	-	-
AV120	AV-120	Heating floating output, 0-100	%	-	R	-	-
AV121	AV-121	Arithmetic Operation	-	-	R	-	-
AV122	AV-122	Arithmetic Operation (AV75-AV124)	-	-	R	-	-
AV123	AV-123	Arithmetic Operation (AV75+AV124)	-	-	R	-	-
AV124	av-124	Dead band for air flow control	-	5	RW	-	-
AV125	AV-125	Present value for airflow PID	LPS	-	R	-	-
AV126	AV-126	Internal Use	-	-	RW	-	-
AV127	AV-127	Internal Use	-	-	RW	-	-

NOTE:

AV object Present value corresponds to MODBUS Holding Register: av0 ~ av499 corresponds to 40001~4500, the value is 10 times the symbol integer (Presnet Value -3276.8~3276.7 correspond to -32768~32767)

TABLE 3 : BACNET OBJECT LIST FOR BINARY VALUES						
BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV0	BV-0	Master/Slave Mode, Slave = 0, Master =1	0	RW	C0	-
BV1	VAV box Occupied/ unoccupied	Unoccupied=0, Occupied=1	-	-	C1 (HMI)	-
BV2	Cool/Heat mode	Cooling = 0, Heating = 1	0	RW	C2 (HMI)	-
BV3	HMI Temperature display type_Present value/ Set point value	Present value=0, Set point value=1	0	RW	C3 (HMI)	-
BV4	BV-4	Internal Use	-	-	C4	-
BV5	override airflow control	No =0,Yes=1	0	RW	C5 (HMI)	-
BV6	Damper override	No =0,Yes=1	0	RW	C6 (HMI)	-
BV7	Override VAV airflow zero calibration	No =0,Yes=1	0	RW	C7 (HMI)	-
BV8	BV-8	Internal Use	-	-	C8	-
BV9	BV-9	Internal Use	-	-	C9	-
BV10	No Airflow in main duct	Airflow =0, NoAirflow=1	0	R	C10	-
BV11	BV-11	Internal Use	-	-	C11	-
BV12	BV-12	Internal Use	-	-	C12	-
BV13	BV-13	Internal Use	-	-	C13	-
BV14	BV-14	Internal Use	-	-	C14	-
BV15	BV-15	Internal Use	-	-	C15	-
BV16	BV-16	Internal Use	-	-	C16	-
BV17	BV-17	Internal Use	-	-	C17	-

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV18	BV-18	Internal Use	-	-	C18	-
BV19	BV-19	Internal Use	-	-	C19	-
BV20	Alarm icon	No =0,Yes=1	0	RW	C20 (HMI)	-
BV21	Lock icon	No =0,Yes=1	0	R	C21 (HMI)	-
BV22	Valve icon	No =0,Yes=1	0	RW	C22 (HMI)	-
BV23	Cooling icon	No =0,Yes=1	1	R	C23 (HMI)	-
BV24	Heating icon	No =0,Yes=1	0	R	C24 (HMI)	-
BV25	Fan Icon	No =0,Yes=1	0	RW	C25 (HMI)	-
BV26	Sleep Icon	No =0,Yes=1	0	RW	C26 (HMI)	-
BV27	Unoccupied Icon	No =0,Yes=1	0	R	C27 (HMI)	-
BV28	Tool Icon	No =0,Yes=1	0	RW	C28 (HMI)	-
BV29	Sending /caculating Icon	No =0,Yes=1	0	R	C29 (HMI)	-
BV30	ON/OFF icon	No =0,Yes=1	0	R	C30 (HMI)	-
BV31	Button pressed (alarm reset)	No =0,Yes=1	-	-	C31 (HMI)	-
BV32	ON/OFF control status	Off =0,On=1	1	RW	C32 (HMI)	-
BV33	ON/OFF is allowed	Allow =0, Prohibit=1	0	R	C33 (HMI)	-
BV34	HMI Temperature setting is allowed	Allow =0, Prohibit=1	0	R	C34 (HMI)	-
BV35	BV-35	HMI humidity setting is allowed, Allow =0, Prohibit=1	0	RW	C35 (HMI)	For NEVD-H
BV36	BV-36	HMI CO2 setting is allowed, Allow =0, Prohibit=1	0	RW	C36 (HMI)	For NEVD-IAQ

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV37	BV-37	HMI pressure setting is allowed, Allow =0, Prohibit=1	0	RW	C37 (HMI)	-
BV38	Deg C/F Unit display select	DegC=0, DegF=1	0	RW	C38 (HMI)	-
BV39	Deg/Pa display select	Deg=0,Pa=1	0	RW	C39 (HMI)	-
BV40	24hr/12hr time mode select	24 hr=0, 12 hr=1	0	RW	C40 (HMI)	-
BV41	Humidity display	No =0,Yes=1	0	R	C41 (HMI)	For NEVD-H
BV42	ID address display	No =0,Yes=1	0	RW	C42 (HMI)	-
BV43	Clock display	No =0,Yes=1	0	RW	C43 (HMI)	-
BV44	PPM display	No =0,Yes=1	0	R	C44 (HMI)	For NEVD-IAQ
BV45	PPM display	No =0,Yes=1	0	RW	C45 (HMI)	-
BV46	BV-46	Internal Use	-	-	C46	-
BV47	BV-47	Internal Use	-	-	C47	-
BV48	BV-48	Internal Use	-	-	C48	-
BV49	BV-49	Internal Use	-	-	C49	-
BV50	BV-50	Internal Use	-	-	C50	-
BV51	BV-51	Internal Use	-	-	C51	-
BV52	BV-52	Arithmetic Operation-Offdelay 160 sec after BV55	-	-	C52	-
BV53	BV-53	Arithmetic Operation-BV104 & !BV52	-	-	C53	-
BV54	BV-54	Arithmetic Operation-AV113 is wtihin AV122~AV123	-	-	C54	-
BV55	BV-55	Arithmetic Operation-Ondelay 5sec after BO54	-	-	C55	-

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV56	BV-56	Arithmetic Operation-BV62 & BV38	-	-	C56	-
BV57	BV-57	Arithmetic Operation-AV33 changes>.1	-	-	C57	-
BV58	BV-58	Arithmetic Operation-AV34 changes>.1	-	-	C58	-
BV59	BV-59	Air volume set to zero.	-	-	C59	-
BV60	BV-60	Max air volume forced output.	-	-	C60	-
BV61	BV-61	Arithmetic Operation-AV35 changes>.1	-	-	C61	-
BV62	BV-62	Arithmetic Operation-BV57 or BV58 or BV61	-	-	C62	-
BV63	BV-63	Damper end position, No =0,Yes=1	-	-	C63	-
BV64	BV-64	Arithmetic Operation-one shot BV63	-	-	-	-
BV65	BV-65	Arithmetic Operation-AI2 is wtihin 0~50	-	-	-	-
BV66	BV-66	Arithmetic Operation-one shot BV63	-	-	-	-
BV67	BV-67	Arithmetic Operation-CounterCountCompletion of BO6 once per 5000 sec	-	-	-	-
BV68	BV-68	Arithmetic Operation-AV98=1	-	-	-	-
BV69	BV-69	Arithmetic Operation-one shot BO6	-	-	-	-
BV70	BV-70	Arithmetic Operation-BV68 or BV80	-	-	-	-
BV71	BV-71	Arithmetic Operation-Ondelay 1sec after BO7	-	-	-	-
BV72	BV-72	Arithmetic Operation- AV95>2	-	-	-	-
BV73	BV-73	Arithmetic Operation- AV99=1	-	-	-	-
BV74	BV-74	Arithmetic Operation-BV73 & BV71	-	-	-	-

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV75	BV-75	Arithmetic Operation-Offdelay 160 sec after Initial	-	-	-	-
BV76	BV-76	Arithmetic Operation-one shot bv63	-	-	-	-
BV77	BV-77	Arithmetic Operation-CounterCountCompletion of BO7 once per 5000 sec	-	-	-	-
BV78	BV-78	Arithmetic Operation-AV99 is not equal to 1	-	-	-	-
BV79	BV-79	Arithmetic Operation-one shot BO7	-	-	-	-
BV80	BV-80	Arithmetic Operation-BV71 & BV78	-	-	-	-
BV81	BV-81	Arithmetic Operation-AI0 is wtihin 90~100-Occupied	-	-	-	-
BV82	BV-82	Arithmetic Operation-AI0 is wtihin 0~-20-Unoccupied	-	-	-	-
BV83	BV-83	Arithmetic Operation-AI3 is wtihin -18~60	-	-	-	-
BV84	BV-84	Arithmetic Operation-BV101 or BV32	-	-	-	-
BV85	BV-85	Arithmetic Operation-one shot BV89	-	-	-	-
BV86	BV-86	Arithmetic Operation-one shot BV89	-	-	-	-
BV87	BV-87	Arithmetic Operation-BV2 & BV84	-	-	-	-
BV88	BV-88	Arithmetic Operation-!BV2 & BV84	-	-	-	-
BV89	BV-89	Arithmetic Operation-BV83+BV81	-	-	-	-
BV90	BV-90	Internal Use	-	-	-	-
BV91	BV-91	Internal Use	-	-	-	-
BV92	BV-92	Internal Use	-	-	-	-
BV93	BV-93	Internal Use	-	-	-	-

OBJECT LIST

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV94	BV-94	Internal Use	-	-	-	-
BV95	BV-95	Internal Use	-	-	-	-
BV96	BV-96	Internal Use	-	-	-	-
BV97	BV-97	Internal Use	-	-	-	-
BV98	BV-98	Internal Use	-	-	-	-
BV99	BV-99	Internal Use	-	-	-	-
BV100	BV-100	Arithmetic Operation-Initial=0	-	-	-	-
BV101	BV-101	Arithmetic Operation-BV81 I BV83	-	-	-	-
BV102	BV-102	Internal Use	-	-	-	-
BV103	BV-103	Arithmetic Operation-one shot BV7	-	-	-	-
BV104	BV-104	Arithmetic Operation-CounterCountCompletion of BV105 once per AV117 sec	-	-	-	-
BV105	BV-105	Arithmetic Operation-Counter Start Initial=1	-	-	-	-
BV106	BV-106	Arithmetic Operation-AI12 changes>2	-	-	-	-
BV107	BV-107	Arithmetic Operation-one shot BV106	-	-	-	-
BV108	BV-108	Arithmetic Operation-BV107 changes count>25	-	-	-	-
BV109	BV-109	Arithmetic Operation-AV75 changes>2	-	-	-	-
BV110	BV-110	Arithmetic Operation-AV68 is wtihin 0~10	-	-	-	-
BV111	BV-111	Arithmetic Operation-BV103 & BV110	-	-	-	-
BV112	BV-112	temp 135	-	-	-	-

BACNET OBJECT ID	BACNET OBJECT NAME	DESCRIPTION	DEFAULT VALUE	READ/ WRITE	MODBUS ID	NOTE
BV113	BV-113	temp 136	-	-	-	-
BV114	BV-114	temp 137	-	-	-	-
BV115	BV-115	lps oneshot	-	-	-	-
BV116	BV-116	cfm oneshot	-	-	-	-
BV117	BV-117	cmh oneshot	-	-	-	-
BV118	BV-118	av7 change	-	-	-	-
BV119	BV-119	av8 change	-	-	-	-
BV120	BV-120	LPS Flag	-	-	-	-
BV121	BV-121	CFM Flag	-	-	-	-
BV122	BV-122	CHM Flag	-	-	-	-
BV123	BV-123	lps/cfm/cmh change flag	-	-	-	-
BV124	BV-124	cooliing max cov	-	-	-	-
BV125	BV-125	hmi change flag	-	-	-	-
BV126	BV-126	av9 change	-	-	-	-
BV127	BV-127	av10 change	-	-	-	-