

Component	Function	Standard/ Special	Name	SI Unit	Modbus register	SW vers.	Min	Max	Factory settings	English
1. Info	1. Info	1. Info	1. Info		Coil status (R/W)					
AHU controller	Alarm	Standard	AL_ManResetAll		0x0001	1.00	0	1		0 Alarm reset signal (AutoReturn to zero)
AHU controller	Summer Night Cooling	Standard	SN_Func_UserSet		0x0003	1.00	0	1		0 Summer night cooling: ON/OFF
1. Info	1. Info	1. Info	1. Info		Input status (R)		1. Info	1. Info	1. Info	
AHU controller	Speed	Standard	IOC_DO_Operation_Set		1x0001	1.00	0	1		Operation ON/OFF
AHU controller	Speed	Standard	IOC_DI_Ext_Stop_Read		1x0002	1.00	0	1		External stop
AHU controller	Speed	Standard	IOC_DI_ExtHigh_Read		1x0003	1.00	0	1		Externalhigh speed
AHU controller	Speed	Standard	AB_Active		1x0005	1.00	0	1		Extended high speed → Active (AHC-3000 : Boost)
Electric heating coil	Status	Standard	HT_RH_ReductionActive		1x0010	1.00	0	1		Power to electric heating coil reduced due to low flow
AHU controller	Summer Night Cooling	Standard	SN_Active		1x0011	1.00	0	1		Summer night cooling is active
Rotary Heat Exchanger	Speed	Standard	RX_PO_Active		1x0017	1.00	0	1		Exercising heat exchanger → Active, (AHC-3000 : periodical operation, PO, DRHX)
Heat Exchanger	Status	Standard	PX_DF_State		1x0018	1.00	0	1		Signal to cross-flow exchanger reduced (frost protection)
AHU controller	Status	Standard	PR_SA_MaxSpeedActive		1x0020	1.00	0	1		Supply duct pressure controller increased to max. flow
AHU controller	Status	Standard	PR_EA_MaxSpeedActive		1x0022	1.00	0	1		Extract duct pressure controller increased to max. flow
AHU controller	Status	Standard	CL_CR_Active		1x0023	1.00	0	1		Cooling recovery → status
Water Heating Coil	Status	Standard	HT_RH_FP_RegActive		1x0024	1.00	0	1		Circulation pump on heating coil: Frost protection → Active
Water Heating Coil	Status	Standard	HT_RH_PO_Pump_Active		1x0025	1.00	0	1		Circulation pump on heating coil: Pump exercising → Active
Water Cooling Coil	Status	Standard	CL_RC_PO_Pump_Active		1x0026	1.00	0	1		CoolWaterCoil PumpExercise active
AHU controller	Status	Standard	AR_FlowDownActive		1x0027	1.00	0	1		Signal to heating coil reduced (insufficient flow) → Active
AHU controller	Status	Standard	TR_SA_MinSupTempAct		1x0028	1.00	0	1		"1" when min. supply temperature control is active.
AHU controller	Status	Standard	TR_SA_MaxSupTempAct		1x0029	1.00	0	1		Only active when TempRegMode is 1 or 2 (room temp. control)
AHU controller	Status	Standard	IOC_DO_HT1_RE1_Set		1x0031	1.00	0	1		"1" when max. supply temperature control is active.
AHU controller	Status	Standard	IOC_DO_CL1_RE1_Set		1x0032	1.00	0	1		Only active when TempRegMode is 1 or 2 (room temp. control)
AHU controller	Alarm	Standard	AL_Priority_A_Triggered		1x0033	1.00	0	1		Heating relay 1
AHU controller	Alarm	Standard	AL_Priority_B_Triggered		1x0034	1.00	0	1		Cooling relay 1
AHU controller	Fire	Standard	IOC_DI_Ext_Fire_Read		1x0037	1.00	0	1		At least one active alarm, A-Alarm >> New in AHC-3000
AHU controller	Smoke	Standard	IOC_DI_Ext_Smoke_Read		1x0038	1.00	0	1		At least one active alarm, B-Alarm
AHU controller	Status	Standard	TR_CL_RC_Available		1x0040	1.00	0	1		Fire alarm signal (room sensor)
AHU controller	Status	Standard	TR_CL_HX_Available		1x0041	1.00	0	1		Smoke/fire alarm signal (duct sensor)
AHU controller	Status	Standard	TR_HT_HX_Available		1x0042	1.00	0	1		Coolsource available
AHU controller	Status	Standard	TR_HT_RH_Available		1x0043	1.00	0	1		EXC as Coolsource available
AHU controller	Status	Standard	TR_HT_FlowDnRegAvailable		1x0044	1.00	0	1		EXC as Heatsource available
Rotary Heat Exchanger	Status	Standard	DRHX_DriftON		1x0050	1.00	0	1		Heatsource available
Rotary Heat Exchanger	Alarm	Standard	DRHX_RotorAlr		1x0053	1.00	0	1		Flowdown available
Common Fan, Supply	Alarm	Standard	AH_Common_SA_Fan		1x0055	1.00	0	1		Rotary heat exchanger – motor control ON/OFF (only with OJ-RHX2M)
Common Fan, Supply	Alarm	Standard	AH_Common_SA_FwDu		1x0056	1.00	0	1		Rotary heat exchanger – rotation alarm (only with OJ-DRHX)
Common Fan, Exhaust	Alarm	Standard	AH_Common_EA_Fan		1x0057	1.00	0	1		Common Alarm SA Fan
Common Fan, Exhaust	Alarm	Standard	AH_Common_EA_FwDu		1x0058	1.00	0	1		Common Alarm SA Pressure / Flow
Common Circulation Pumps	Alarm	Standard	AH_Common_Pumps		1x0059	1.00	0	1		Common Alarm EA/EXH Fan
Common Heat Exchanger	Alarm	Standard	AH_Common_RXCX		1x0060	1.00	0	1		Common Alarm EA/EXH Pressure / Flow
Common Frost	Alarm	Standard	AH_Common_Frost		1x0061	1.00	0	1		Common Alarm Circulation Pump
Common EI-Heating-Coil	Alarm	Standard	AH_Common_ElCoil		1x0062	1.00	0	1		Common Alarm Exchanger
Common Temperature	Alarm	Standard	AH_Common_Tmp_H_L		1x0063	1.00	0	1		Common Alarm Frost HW/CMB Coil
Common Filter, Outdoor	Alarm	Standard	AH_Common_FM_OA		1x0064	1.00	0	1		Common Alarm Electric heating coil
Common Filter, Extract	Alarm	Standard	AH_Common_FM_EA		1x0065	1.00	0	1		Common Alarm temperature high/low
Common Temp. Sensors	Alarm	Standard	AH_Common_T_Sensor		1x0066	1.00	0	1		Common Alarm OA Filter
Common Intern MB	Alarm	Standard	AH_Common_Intern_MB		1x0068	1.00	0	1		Common Alarm EA Filter
Fan, Supply	Status	Standard	BMS_SA_Fan_On		1x0075	1.00	0	1		Common Alarm Temperature Sensors
Fan, Supply	Alarm	Standard	BMS_SA_Fan_Alr_Inp		1x0076	1.00	0	1		Common Alarm Com. Intern Modbus
Fan, Exhaust	Status	Standard	BMS_EA_Fan_On		1x0080	1.00	0	1		Supply motor ON/OFF (0-10V Type)
Fan, Exhaust	Alarm	Standard	BMS_EA_Fan_Alr_Inp		1x0081	1.00	0	1		Supply Motor Alarm, Dig. Input (0-10V Type)
Damper, Outdoor & Exhaust	Status	Standard	IOC_DO_Damper_Set		1x0085	1.00	0	1		Extract motor ON/OFF (0-10V Type)
AHU controller	Status	Standard	IOC_DI_Ext_Start_Read		1x0090	1.00	0	1		Extract Motor Alarm, Dig. Input (0-10V Type)
1. Info	1. Info	1. Info	1. Info		Input register (R)		1. Info	1. Info	1. Info	1. Info
AHU controller	Control	Standard	OL_AHU_State		3x0001	1.00	0	499		Actual operating mode 000-099: Unit stopped 100-199: Unit in low speed mode 200-299: Unit in medium speed mode 300-399: Unit in high speed mode 400-499: Unit in spec. control mode
Pressure	Current value	Standard	IOC_PS_SA_DU_Read		3x0003	1.00	0	25000		Actual supply duct pressure [1/10 Pa]
Pressure	Set point	Standard	PR_SA_Reg_Set		3x0004	1.00	0	7500		Setpoint for supply duct pressure controller [1/10 Pa]
Pressure	Current value	Standard	IOC_PS_EA_DU_Read		3x0005	1.00	0	25000		Actual extract duct pressure [1/10 Pa]
Pressure	Set point	Standard	PR_EA_Reg_Set		3x0006	1.00	0	7500		Setpoint for extract duct pressure controller [1/10 Pa]
Flow	Current value	Standard	SA_Flow		3x0007	1.00	100	30000		Actual supply flow [l/s]
Flow	Set point	Standard	AR_SA_Reg_Set		3x0008	1.00		AR_SA_MS_UserSet		Setpoint for supply flow controller [l/s]
Flow	Current value	Standard	EA_Flow		3x0009	1.00	100	30000		Actual extract flow [l/s]
Flow	Set point	Standard	AR_EA_Reg_Set		3x0010	1.00	0	AR_EA_MS_UserSet		Setpoint for extract flow controller [l/s]
CO2 sensor	Current value	Standard	CO2_SensorSignal		3x0011	1.00	0	2000		CO2 concentration recorded by CO2 sensor [ppm]

VOC	Current value	Standard	VOC_Level	3x0012	1.00	0	8000	VOC concentration recorded by VOC sensor [ppm]
Fan, Supply	Current value	Standard	HMI35_SA_Procent	3x0013	1.00	0	10000	Percent-Output to SA [1/100%], DV / 0-10V
Fan, Exhaust	Current value	Standard	HMI35_EA_Procent	3x0014	1.00	0	10000	Percent-Output to EA [1/100%], DV / 0-10V
Flow	Set point	Standard	AHU_SA_MaxFlow	3x0017	1.00	0	30000	Supply FC max. flow [l/s]
Flow	Set point	Standard	AHU_EA_MaxFlow	3x0018	1.00	0	30000	Extract FC max. flow [l/s]
Temp. Supply	Current value	Standard	AHU_SA_Temp	3x0025	1.00	-5500	12500	Actual supply temperature [1/100°C]
Temp. Supply	Set point	Standard	TR_SA_TempRegSet	3x0026	1.00	0	4000	Setpoint for supply temperature controller [1/100°C]
Temp. Extract	Current value	Standard	AHU_EA_Temp	3x0027	1.00	-5500	12500	Actual extract temperature [1/100°C]
Temp. Extract	Set point	Standard	TR_EA_TempRegSet	3x0028	1.00	500	4000	Setpoint for extract temperature controller [1/100°C]
Temp. Outdoor	Current value	Standard	AHU_OA_Temp	3x0029	1.00	-5500	12500	Actual outdoor temperature [1/100°C]
Temp. Room	Current value	Standard	AHU_RM_Temp	3x0030	1.00	0	4000	Actual room temperature [1/100°C]
Temp. Exhaust	Current value	Standard	AHU_EXH_Temp	3x0031	1.00	-5500	12500	Actual exhaust temperature [1/100°C]
Temp. Heating Coil	Current value	Standard	AHU_HWR_Temp	3x0034	1.00	-5500	12500	Actual heating coil temperature [1/100°C]
Fan, Supply Pressure	Current value	Standard	IOC_PS_SA_FW_Read	3x0035	1.00	0	25000	Supply Fan pressure [1/10 Pa]
Fan, Extract Pressure	Current value	Standard	IOC_PS_EA_FW_Read	3x0036	1.00	0	25000	Exhaust Fan pressure [1/10 Pa]
Filter, Extract pressure	Current value	Standard	IOC_PS_SF_EA_FM_Read	3x0037	1.00	0	25000	Extract filter pressure [1/10 Pa]
Filter, Outdoor pressure	Average value	Standard	IOC_PS_SF_OA_FM_Read	3x0038	1.00	0	25000	Outdoor filter pressure [1/10 Pa]
AHU controller	Summer Night Cooling	Standard	SN_SecondsOfActiveHeat	3x0045	1.00	0	32000	SummerNight Time with Heat Demand [sec]
Heat Exchanger	Set point	Standard	HX_HT_PowerRegSet	3x0046	1.00	0	10000	Heat exchange controller heating power [1/100%]
Heating Coil	Set point	Standard	HT_RH_PowerRegSet	3x0047	1.00	0	10000	Actual heating power [1/100%]
Cooling Coil	Set point	Standard	CL_RC_PowerRegSet	3x0048	1.00	0	10000	Cooling controller power [1/100%]
AHU controller	Set point	Standard	HX_CL_PowerRegSet	3x0049	1.00	0	10000	Cool exchange controller cooling power [1/100%]
Fan, Supply	State of SA Fan	Standard	OL_SA_State	3x0060	1.00	0	499	Actual operating mode 000-099: Unit stopped 100-199: Unit in low speed mode 200-299: Unit in medium speed mode 300-399: Unit in high speed mode 400-499: Unit in spec. control mode
Fan, Exhaust	State of EA Fan	Standard	OL_EA_State	3x0061	1.00	0	499	Actual operating mode 000-099: Unit stopped 100-199: Unit in low speed mode 200-299: Unit in medium speed mode 300-399: Unit in high speed mode 400-499: Unit in spec. control mode
Rotary Heat Exchanger	Current value	Standard	DRHX_RpmOut	3x0093	1.00	0	3000	Rotary heat exchanger – speed output [1/10 rpm]
Rotary Heat Exchanger	Current value	Standard	DRHX_Power_In	3x0095	1.00	0	6000	Rotary heat exchanger – output power [W] (only with OJ RHX2M)
Rotary Heat Exchanger	Set point	Standard	DRHX_PercentSet	3x0098	1.00	0	10000	Rotary heat exchanger – percentage setpoint [1/100%] (only with OJ DRHX)
AHU controller	Time	Standard	RTC_WeekDay	3x0110	1.00	1	7	Actual day of the week (1=Mon..7=Sun)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+0	3x0120	1.00	0	25100	Stack for active alarms (0 indicates end of stack) AirGrp AirNo
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+1	3x0121	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+2	3x0122	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+3	3x0123	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+4	3x0124	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+5	3x0125	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+6	3x0126	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+7	3x0127	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+8	3x0128	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+9	3x0129	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+10	3x0130	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+11	3x0131	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+12	3x0132	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+13	3x0133	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+14	3x0134	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	Alarm	Standard	AL_Hist_GrpNum_AirNum+15	3x0135	1.00	0	25100	Stack for active alarms (0 indicates end of stack)
AHU controller	SW version	Standard	SoftwareVersion	3x0140	1.00	100	999	Master software version [1/100]
AHU controller	SW version	Standard	SoftwareBetaVersion	3x0141	1.00	0	999	Master software BetaVersion [1/100]
AHU controller	SW version	Standard	BootLoaderVersion	3x0142	1.00	100	999	Bootloader software version [1/100]
Filter, Outdoor		Standard	FM_SF_OA_FM_Type_UserSet	3x160	1.00	0	3	0-not filter, 1-Timer, 2-Static, 3-dynamic, 4-Switch
Filter, Outdoor	Current value	Standard	FM_SF_OA_Status	3x161	1.00	0	10000	Outdoor filter monitor status [1/100%], ONLY IN DYNAMIC MODE
Filter, Outdoor		Standard	FM_SF_OA_Timer_Rest_h	3x162	1.00	0	8800	FM_SF_OA_FM_Type_UserSet==3 Hours until timer alarm from the outdoor filter,
Filter, Outdoor		Standard	FM_SF_OA_SwitchStatus	3x163	1.00	0	1	FM_SF_OA_FM_Type_UserSet==1
Filter, Extract		Standard	FM_SF_EA_FM_Type_UserSet	3x164	1.00	0	3	FM OA Filterswitch state, FM_SF_OA_FM_Type_UserSet==4
Filter, Extract	Current value	Standard	FM_SF_EA_Status	3x165	1.00	0	10000	0-not filter, 1-Timer, 2-Static, 3-dynamic, 4-Switch
Filter, Extract		Standard	FM_SF_EA_Timer_Rest_h	3x166	1.00	0	8800	Outdoor filter monitor status [1/100%], ONLY IN DYNAMIC MODE
Filter, Extract	Current value	Standard	FM_SF_EA_SwitchStatus	3x167	1.00	0	1	FM_SF_EA_FM_Type_UserSet==3
Humidity, Extract	Current value	Standard	IOC_HUMI_EA_Read	3x171	1.00	0	10000	Hours until timer alarm from the outdoor filter, FM_SF_EA_FM_Type_UserSet==1
1. Info	1. Info	1. Info	1. Info	Holding register (R/W)	1. Info	1. Info	1. Info	1. Info
AHU controller	Set point	Standard	OL_ManualUserSet	4x0001	1.00	0	5	FM OA Filterswitch state, FM_SF_EA_FM_Type_UserSet==4 Actual % rel. Humidity Extract duct [1/100 %]
								1. Info 0=Not active 1=Manual stop (1) 2=Manual low 3=Manual medium 4 =Manual high 5=extended Stop (2)

AHU controller	Reg-Mode	Standard	AHU_SA_FanRegModeUserSet	4x0002	1.00	0	7	SA_FanRegMode 0 - Not mounted 1 - Flow 2 - Duct 3 - Demand (ppm) 4 - Fix Fan Speed 5 - Greenzone 6 - Slave 7 - Demand %rH EA_FanRegMode 0 - Not mounted 1 - Flow 2 - Duct 3 - Demand (ppm) 4 - Fix Fan Speed 5 - Greenzone 6 - Slave 7 - Demand %rH
AHU controller	Reg-Mode	Standard	AHU_EA_FanRegModeUserSet	4x0003	1.00	0	7	EA_FanRegMode 0 - Not mounted 1 - Flow 2 - Duct 3 - Demand (ppm) 4 - Fix Fan Speed 5 - Greenzone 6 - Slave 7 - Demand %rH
AHU controller	Set point	Standard	PR_SA_LS_UserSet	4x0004	1.00	200	PR_SA_MED_UserSet	Setpoint for duct pressure, low supply [1/10Pa]
AHU controller	Set point	Standard	PR_SA_MED_UserSet	4x0005	1.00	PR_SA_LS_UserSet	PR_SA_HS_UserSet	Setpoint supply air duct pressure medium speed [1/10Pa]
AHU controller	Set point	Standard	PR_SA_HS_UserSet	4x0006	1.00	PR_SA_MED_UserSet	PR_SA_MS_UserSet	Setpoint for duct pressure, high supply [1/10Pa]
AHU controller	Set point	Standard	PR_EA_LS_UserSet	4x0010	1.00	200	PR_EA_MED_UserSet	Setpoint for low duct pressure, extract [1/10Pa]
AHU controller	Set point	Standard	PR_EA_MED_UserSet	4x0011	1.00	PR_EA_LS_UserSet	PR_EA_HS_UserSet	Setpoint exhaust air duct pressure medium speed [1/10Pa]
AHU controller	Set point	Standard	PR_EA_HS_UserSet	4x0012	1.00	PR_EA_MED_UserSet	PR_EA_MS_UserSet	Setpoint for high duct pressure, extract [1/10Pa]
AHU controller	Set point	Standard	AR_SA_LS_UserSet	4x0015	1.00	AHU_SA_MinFlow	AR_SA_MED_UserSet	Setpoint for supply flow, low speed [l/s]
AHU controller	Set point	Standard	AR_SA_MED_UserSet	4x0016	1.00	AR_SA_LS_UserSet	AR_SA_HS_UserSet	Setpoint supply air flow - medium speed [l/s]
AHU controller	Set point	Standard	AR_SA_HS_UserSet	4x0017	1.00	AR_SA_MED_UserSet	AR_SA_MS_UserSet	Setpoint for supply flow, high speed [l/s]
AHU controller	Set point	Standard	AR_EA_LS_UserSet	4x0019	1.00	AHU_EA_MinFlow	AR_EA_MED_UserSet	Setpoint for extract flow, low speed [l/s]
AHU controller	Set point	Standard	AR_EA_MED_UserSet	4x0020	1.00	AR_EA_LS_UserSet	AR_EA_HS_UserSet	Setpoint exhaust air flow - medium speed [l/s]
AHU controller	Set point	Standard	AR_EA_HS_UserSet	4x0021	1.00	AR_EA_MED_UserSet	AR_EA_MS_UserSet	Setpoint for extract flow, high speed [l/s]
AHU controller	Set point	Standard	FX_SA_LS_UserSet	4x0023	1.00	FX_SA_Min_Prc_UserSet	FX_SA_MED_UserSet	Supply Motor Lowspeed [1/100%], Fixed Fan Speed
Fan, Supply	Set point	Standard	FX_SA_MED_UserSet	4x0024	1.00	FX_SA_LS_UserSet	FX_SA_HS_UserSet	Supply Motor Mediumspeed [1/100%], Fixed Fan Speed
Fan, Supply	Set point	Standard	FX_SA_HS_UserSet	4x0025	1.00	FX_SA_MED_UserSet	FX_SA_Max_Prc_UserSet	Supply Motor Highspeed [1/100%], Fixed Fan Speed
Fan, Exhaust	Set point	Standard	FX_EA_LS_UserSet	4x0028	1.00	FX_EA_Min_Prc_UserSet	FX_EA_MED_UserSet	Exhaust Motor Lowspeed [1/100%], Fixed Fan Speed
Fan, Exhaust	Set point	Standard	FX_EA_MED_UserSet	4x0029	1.00	FX_EA_LS_UserSet	FX_EA_HS_UserSet	Exhaust Motor Mediumspeed [1/100%], Fixed Fan Speed
Fan, Exhaust	Set point	Standard	FX_EA_HS_UserSet	4x0030	1.00	FX_EA_MED_UserSet	FX_EA_Max_Prc_UserSet	Exhaust Motor Highspeed [1/100%], Fixed Fan Speed
AHU controller	Set point	Standard	SC_SlaveOffsetUserSet	4x0033	1.00	500	2000	Supply/extract motor offset, slave and CO2 control [1/100%]
AHU controller	Set point	Standard	DC_LS_CO2_UserSet	4x0036	1.00	0	2000	CO2 control: setpoint for low period (low CO2 value) [ppm]
AHU controller	Set point	Standard	DC_MED_CO2_UserSet	4x0037	1.00	0	2000	CO2 controller setpoint medium speed (med CO2 Val) [ppm]
AHU controller	Set point	Standard	DC_HS_CO2_UserSet	4x0038	1.00	0	2000	CO2 control: setpoint for high period (high CO2 value) [ppm]
AHU controller	Set point	Standard	VOC_LS_DemandUserSet	4x0039	1.00	0	10000	VOC control: setpoint for low period (low VOC value) [ppm]
AHU controller	Set point	Standard	VOC_MED_DemandUserSet	4x0040	1.00	0	10000	VOC controller setpoint medium speed (med VOC Val) [ppm]
AHU controller	Set point	Standard	VOC_HS_DemandUserSet	4x0041	1.00	0	10000	VOC control: setpoint for high period (high VOC value) [ppm]
AHU controller	Set point	Standard	DC_LS_PRH_UserSet	4x0042	1.00	0	10000	%rH control: setpoint for low period (low rH value) [%rH]
AHU controller	Set point	Standard	DC_MED_PRH_UserSet	4x0043	1.00	0	10000	%rH controller setpoint medium speed (med rH Val) [%rH]
AHU controller	Set point	Standard	DC_HS_PRH_UserSet	4x0044	1.00	0	10000	%rH control: setpoint for high period (high rH value) [%rH]
AHU controller	Set point	Standard	DC_SA_MinFlow_UserSet	4x0045	1.00	100	DC_SA_MaxFlow_UserSet	Demand Control SA Minflow in [1/l/s]
AHU controller	Set point	Standard	DC_SA_MaxFlow_UserSet	4x0046	1.00	DC_SA_MinFlow_UserSet	30000	Demand Control SA Maxflow in [1/l/s]
AHU controller	Set point	Standard	DC_EA_MinFlow_UserSet	4x0047	1.00	100	DC_EA_MaxFlow_UserSet	Demand Control EA Minflow in [1/l/s]
AHU controller	Set point	Standard	DC_EA_MaxFlow_UserSet	4x0048	1.00	DC_EA_MinFlow_UserSet	30000	Demand Control EA Maxflow in [1/l/s]
AHU controller	Set point	Standard	AHU_SA_GZM_Prc_Set	4x0049	1.00	0	10000	External signal GreenZone, supply [1/100%]
AHU controller	Set point	Standard	AHU_EA_GZM_Prc_Set	4x0050	1.00	0	10000	External signal GreenZone, exhaust [1/100%]
AHU controller	Set point	Standard	AR_SA_Reg_PB_UserSet	4x0055	1.00	100	4000	Flow-Regulator SA P-Band in [1/100%]
AHU controller	Set point	Standard	AR_SA_Reg_It_UserSet	4x0056	1.00	1	1800	Flow SA I-Time in [1/1sec]
AHU controller	Set point	Standard	AR_EA_Reg_PB_UserSet	4x0057	1.00	100	4000	Flow EA P-Band in [1/100%]
AHU controller	Set point	Standard	AR_EA_Reg_It_UserSet	4x0058	1.00	1	1800	Flow EA I-Time in [1/1sec]
AHU controller	Set point	Standard	PR_SA_Reg_PB_UserSet	4x0059	1.00	100	4000	Pressure SA P-Band in [1/100%]
AHU controller	Set point	Standard	PR_SA_Reg_It_UserSet	4x0060	1.00	1	1800	Pressure SA I-Time in [1/1sec]
AHU controller	Set point	Standard	PR_EA_Reg_PB_UserSet	4x0061	1.00	100	4000	Pressure EA P-Band in [1/100%]
AHU controller	Set point	Standard	PR_EA_Reg_It_UserSet	4x0062	1.00	1	1800	Pressure EA I-Time in [1/1sec]
AHU controller	Set point	Standard	DC_VOC_Reg_PB_UserSet	4x0063	1.00	0	10000	P-Band VOC [ppm]
AHU controller	Set point	Standard	DC_CO2_Reg_PB_UserSet	4x0064	1.00	0	10000	P-Band CO2 [ppm]
AHU controller	Set point	Standard	DC_Reg_It_UserSet	4x0065	1.00	0	30000	I-Time (VOC/CO2 [1/1sec])
AHU controller	Summer Night Cooling	Standard	SN_AR_SA_Flow_UserSet	4x0066	1.00	AHU_SA_MinFlow	AR_SA_MS_UserSet	Setpoint supply air volume sommernight cooling
AHU controller	Summer Night Cooling	Standard	SN_AR_EA_Flow_UserSet	4x0067	1.00	AHU_EA_MinFlow	AR_EA_MS_UserSet	Setpoint extract air volume sommernight cooling [m3/h]
AHU controller	Summer Night Cooling	Standard	SN_PR_SA_Press_UserSet	4x0068	1.00	DUCT_PRESSURE_MIN	PR_SA_Max_Set	Setpoint supply air pressure sommernight cooling [Pa]
AHU controller	Summer Night Cooling	Standard	SN_PR_EA_Press_UserSet	4x0069	1.00	DUCT_PRESSURE_MIN	PR_EA_Max_Set	Setpoint extract air pressure sommernight cooling [Pa]
AHU controller	Summer Night Cooling	Standard	SN_FX_SA_Prc_UserSet	4x0070	1.00	FX_SA_Min_Prc_UserSet	FX_SA_Max_Prc_UserSet	Setpoint supply air constant speed sommernight cooling [1/100%]
AHU controller	Summer Night Cooling	Standard	SN_FX_EA_Prc_UserSet	4x0071	1.00	FX_EA_Min_Prc_UserSet	FX_EA_Max_Prc_UserSet	Setpoint extract air constant speed sommernight cooling [1/100%]
AHU controller	Fire	Standard	AH_Fire1_SA_PrcUserSet	4x0080	1.00	0	10000	Supply motor speed setpoint in case of fire alarm [1/100%]
AHU controller	Fire	Standard	AH_Fire1_EA_PrcUserSet	4x0081	1.00	0	10000	Extract motor speed setpoint in case of fire alarm [1/100%]
AHU controller	Fire	Standard	AH_FireInt_SA_TempSet	4x0082	1.00	5000	12000	Limit for SA Temperature internal Fire [1/100°C]
AHU controller	Fire	Standard	AH_FireInt_EA_TempSet	4x0083	1.00	3500	12000	Limit for EA Temperature internal Fire [1/100°C]
AHU controller	Control	Standard	TR_RegType_UserSet	4x0090	1.00	0	3	0=not available,1=supply, 2=Extract, 3=Room
AHU controller	Set point	Standard	TR_SA_Temp_UserSet	4x0091	1.00	500	4000	Temperature setpoint for Supply control type [1/100°C]

AHU controller	Set point	Standard	TR_EA_Temp_UserSet	4x0092	1.00	500	4000	Temperature setpoint for Extract control type [1/100°C]
AHU controller	Set point	Standard	TR_EA_SA_MinTemp_UserSet	4x0093	1.00	0	3000	Min. limit supply temperature [1/100°C] Extract/Room
AHU controller	Set point	Standard	TR_EA_SA_MaxTemp_UserSet	4x0094	1.00	800	5000	Max. limit supply temperature [1/100°C] Extract/Room
AHU controller	Set point	Standard	TR_RM_Temp_UserSet	4x0095	1.00	500	4000	Temperature setpoint for Room control type [1/100°C]
AHU controller	Control	Standard	TR_EA_PB_UserSet	4x0100	1.00	100	4000	P-band for extract air temperature control [1/100°C]
AHU controller	Control	Standard	TR_EA_IT_UserSet	4x0101	1.00	1	1800	Heat / Cool I-Time for Extract-Regulator [1/sec]
AHU controller	Control	Standard	TR_SA_CL_RC_PB_UserSet	4x0102	1.00	100	4000	P-Band for supply coolsource control [1/100°C]
AHU controller	Control	Standard	TR_SA_CL_HX_PB_UserSet	4x0103	1.00	100	4000	P-Band for supply cool exchanger control [1/100°C]
AHU controller	Control	Standard	TR_SA_HT_HX_PB_UserSet	4x0104	1.00	100	4000	P-Band for supply heat exchanger control [1/100°C]
AHU controller	Control	Standard	TR_SA_HT_RH_PB_UserSet	4x0105	1.00	100	4000	P-Band for supply heatsource control [1/100°C]
AHU controller	Control	Standard	TR_SA_HT_DNRG_PB_UserSet	4x0106	1.00	100	4000	P-Band for supply heat flowdown control [1/100°C]
AHU controller	Control	Standard	TR_SA_CL_RC_IT_UserSet	4x0107	1.00	1	1800	I-time for supply heat flowdown control [sec]
AHU controller	Control	Standard	TR_SA_CL_HX_IT_UserSet	4x0108	1.00	1	1800	I-time for supply cool exchanger control [sec]
AHU controller	Control	Standard	TR_SA_HT_HX_IT_UserSet	4x0109	1.00	1	1800	I-time for supply heat exchanger control [sec]
AHU controller	Control	Standard	TR_SA_HT_RH_IT_UserSet	4x0110	1.00	1	1800	I-time for supply heatsource control [sec]
AHU controller	Control	Standard	TR_SA_HT_DNRG_IT_UserSet	4x0111	1.00	1	1800	I-time for supply heat flowdown control [sec]
AHU controller	Set point	Standard	CL_RC_MinOA_Tmp_UserSet	4x0115	1.00	-3000	3000	Min. outdoor temperature for start of cooling
AHU controller	Set point	Standard	OL_SU_HW_PowerUserSet	4x0117	1.00	0	10000	Heating coil: Startup power setpoint [1/100%]
AHU controller	Set point	Standard	HT_RH_FP_AHU_StopUserSet	4x0118	1.00	0	4000	Setpoint for frost protection control when unit is in STOP mode [1/100°C]
AHU controller	Set point	Standard	HT_RH_FP_AHU_RunUserSet	4x0119	1.00	0	4000	Setpoint for frost prot. control when unit is in OPERATING mode [1/100°C]
AHU controller	Set point	Standard	HT_RH_FP_AirLim_UserSet	4x0120	1.00	0	4000	Setpoint for frost protection temp. alarm [1/100°C]
AHU controller	Time	Standard	RTC_YearUserSet	4x0130	1.00	2000	2099	Actual year
AHU controller	Time	Standard	RTC_MonthUserSet	4x0131	1.00	1	12	Actual month
AHU controller	Time	Standard	RTC_DateUserSet	4x0132	1.00	1	31	Actual date
AHU controller	Time	Standard	RTC_HourUserSet	4x0133	1.00	0	23	Actual hour
AHU controller	Time	Standard	RTC_MinuteUserSet	4x0134	1.00	0	59	Actual minutes
AHU controller	Time	Standard	RTC_SecondUserSet	4x0135	1.00	0	59	Actual seconds
AHU controller	Summer Night Cooling	Standard	SN_RM_StartTmpUserSet	4x0140	1.00	0	4000	Summer night extract/room temp. start [1/100°C]
AHU controller	Summer Night Cooling	Standard	SN_RM_StopTmpUserSet	4x0141	1.00	0	4000	Summer night extract/room temp. stop [1/100°C]
AHU controller	Summer Night Cooling	Standard	SN_OA_StopTmpUserSet	4x0142	1.00	0	4000	Summer night outdoor temp. start [1/100°C]
AHU controller	Summer Night Cooling	Standard	SN_MinSA_TempUserSet	4x0143	1.00	0	4000	Summer night supply temp. control setpoint [1/100°C]
AHU controller	Summer Night Cooling	Standard	SN_StartHourUserSet	4x0144	1.00	0	23	Summer night start [h]
AHU controller	Summer Night Cooling	Standard	SN_StartMinuteUserSet	4x0145	1.00	0	59	Summer night start [min]
AHU controller	Summer Night Cooling	Standard	SN_StopHourUserSet	4x0146	1.00	0	23	Summer night stop [h]
AHU controller	Summer Night Cooling	Standard	SN_StopMinuteUserSet	4x0147	1.00	0	59	Summer night stop [min]
AHU controller	Alarm	Standard	AH_SA_TempDiffAirLimit	4x0148	1.00	0	10000	Alarm limit for temperature differential between supply setpoint and actual value [1/100°C]

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