

Modbus DPL

	Data points that need to be set are marked in green
	System specific data points which are frequently set are marked in blue
	More possible system specific data points are marked in white

V004 - 09/2016

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
system data	1		bTriggerScada2PLC	Heart beat from BMS to the local PLC	W			bool	BO	32768	0 (0x6 und 0x10)		
	2		bResetErrors	reset all errors	W			bool	BO	32768	1 (0x6 und 0x10)		
	3		bLight	if TRUE, the internal light switch on	W			bool	BO	32768	2 (0x6 und 0x10)		
	4		bTestFireDampers	starts test of all fire dampers	W			bool	BO	32768	3 (0x6 und 0x10)		
	5		eSystemMode	set the units operation mode [0=units off, 1>manual mode, 2 = auto]	W			1 enum (uint)	AO	32769	0-15 (0x6 und 0x10)		
	6		fTempOutdoor	present value outdoor temperature	W	°C		10 int	AO	32770	0-15 (0x6 und 0x10)		
	7		reserve	reserve						32772		(0x6 und 0x10)	
	8		reserve	reserve						32773		(0x6 und 0x10)	
	9		reserve	reserve						32774		(0x6 und 0x10)	
	10		reserve	reserve						32775		(0x6 und 0x10)	
	11		reserve	reserve						32776		(0x6 und 0x10)	
	12		reserve	reserve						32777		(0x6 und 0x10)	
	13		reserve	reserve						32778		(0x6 und 0x10)	
	14		reserve	reserve						32779		(0x6 und 0x10)	
	15		reserve	reserve						32780		(0x6 und 0x10)	
	16		reserve	reserve						32781		(0x6 und 0x10)	
	17		reserve	reserve						32782		(0x6 und 0x10)	
	18		reserve	reserve						32783		(0x6 und 0x10)	
	19		reserve	reserve						32784		(0x6 und 0x10)	
	20		reserve	reserve						32785		(0x6 und 0x10)	
	21		reserve	reserve						32786		(0x6 und 0x10)	
	22		reserve	reserve						32787		(0x6 und 0x10)	
	23		reserve	reserve						32788		(0x6 und 0x10)	
	24		reserve	reserve						32789		(0x6 und 0x10)	
	25		reserve	reserve						32790		(0x6 und 0x10)	
present value	26		bStandbySetpoint	true = set the unit in stand by, false = unit will run in auto if eSystemMode = 2 and there is no critical error	W			bool	BO	32791	0 (0x6 und 0x10)		
	27		fFanSUPSetpoint	setpoint of the supply air fan	W	Pa,m³/h oder ppm		1 uint	AO	32792	0-15 (0x6 und 0x10)		
	28		fFanETASetpoint	setpoint of the extract air fan	W	Pa,m³/h oder ppm		1 uint	AO	32793	0-15 (0x6 und 0x10)		
	29		fTempMinSetpoint	setpoint of the minimal air temperature	W	°C		10 int	AO	32794	0-15 (0x6 und 0x10)		
	30		fTempMaxSetpoint	setpoint of the maximal air temperature	W	°C		10 int	AO	32795	0-15 (0x6 und 0x10)		
	31		fHumMinSetpoint	setpoint of the minimal air humidity	W	%		10 uint	AO	32796	0-15 (0x6 und 0x10)		
	32		fHumMaxSetpoint	setpoint of the maximal air humidity	W	%		10 uint	AO	32797	0-15 (0x6 und 0x10)		
	33		rInputPowerDemand	power demand 0...100% of the integrated refrigerating (only standalone)		%		1 uint	AO	32798	0-15 (0x6 und 0x10)		
	34		reserve	reserve						32799		(0x6 und 0x10)	
	35		reserve	reserve						32800		(0x6 und 0x10)	
	36		reserve	reserve						32801		(0x6 und 0x10)	
	37		reserve	reserve						32802		(0x6 und 0x10)	
	38		reserve	reserve						32803		(0x6 und 0x10)	
	39		reserve	reserve						32804		(0x6 und 0x10)	
	40		reserve	reserve						32805		(0x6 und 0x10)	
	41		reserve	reserve						32806		(0x6 und 0x10)	
	42		reserve	reserve						32807		(0x6 und 0x10)	
	settings	43		fSetTempSUPMin	setpoint of the minimal supply air temperature	W	°C		10		32808		(0x6 und 0x10)
44			fSetTempSUPMax	setpoint of the maximal supply air temperature	W	°C		10		32809		(0x6 und 0x10)	
45			fSetHumSUPMin	setpoint of the minimal supply air humidity	W	°C		10		32810		(0x6 und 0x10)	
46			fSetHumSUPMax	setpoint of the maximal supply air humidity	W	°C		10		32811		(0x6 und 0x10)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
system data	47		bTriggerPLC2Scada	heart beat from to local PLC to the BMS	R			bool	BI	32768	0 (0x04)	
	48		bLight	TRUE if the light is on otherwise false	R			bool	BI	32768	1 (0x04)	
	49		bExternalLock	FALSE if the unit have been lock over an external signal otherwise TRUE	R			bool	BI	32768	2 (0x04)	
	50		bVoltageError	voltage error	R			bool	BI	32768	3 (0x04)	
	51		bMainFuse	main fuse error	R			bool	BI	32768	4 (0x04)	
	52		bFireAlarm	error triggered fire alarm	R			bool	BI	32768	5 (0x04)	
	53		bModbuslineError	error modbus line	R			bool	BI	32768	6 (0x04)	
	54		bFrostProtection	error triggered frost protection	R			bool	BI	32768	7 (0x04)	
	55		eEventNotification	0 = no error, 1 = warnings, 2 = at least one critical error	R			1 enum (uint)	AI	32769	0-15 (0x04)	
	56		fTempOutdoor	present value outdoor air temperature	R	°C		0,1 int	AI	32770	0-15 (0x04)	
	57		bSmokeDetector1	if FALSE, triggered smoke detector 1	R			bool	BI	32771	0 (0x04)	
	58		bSmokeDetector2	if FALSE, triggered smoke detector 2	R			bool	BI	32771	1 (0x04)	
	59		bSmokeDetector3	if FALSE, triggered smoke detector 3	R			bool	BI	32771	2 (0x04)	
	60		bSmokeDetector4	if FALSE, triggered smoke detector 4	R			bool	BI	32771	3 (0x04)	
	61		bSmokeDetector5	if FALSE, triggered smoke detector 5	R			bool	BI	32771	4 (0x04)	
	62		bSmokeDetectorDirty1	if FALSE, smoke detector 1 is dirty	R			bool	BI	32771	5 (0x04)	
	63		bSmokeDetectorDirty2	if FALSE, smoke detector 2 is dirty	R			bool	BI	32771	6 (0x04)	
	64		bSmokeDetectorDirty3	if FALSE, smoke detector 3 is dirty	R			bool	BI	32771	7 (0x04)	
	65		bSmokeDetectorDirty4	if FALSE, smoke detector 4 is dirty	R			bool	BI	32771	8 (0x04)	
	66		bSmokeDetectorDirty5	if FALSE, smoke detector 5 is dirty	R			bool	BI	32771	9 (0x04)	
	67		reserve	reserve						32772	0-15 (0x04)	
	68		reserve	reserve						32773	0-15 (0x04)	
	69		reserve	reserve						32774	0-15 (0x04)	
	70		reserve	reserve						32775	0-15 (0x04)	
	71		reserve	reserve						32776	0-15 (0x04)	
	72		reserve	reserve						32777	0-15 (0x04)	
	73		reserve	reserve						32778	0-15 (0x04)	
	74		reserve	reserve						32779	0-15 (0x04)	
	75		reserve	reserve						32780	0-15 (0x04)	
	76		reserve	reserve		R				32781	0-15 (0x04)	
	77		reserve	reserve		R				32782	0-15 (0x04)	
	78		extAlarm1	State of the extern alarm number 1	R			bool	BI	32783	0 (0x04)	
	79		extAlarm2	State of the extern alarm number 2	R			bool	BI	32783	1 (0x04)	
	80		extAlarm3	State of the extern alarm number 3	R			bool	BI	32783	2 (0x04)	
	81		extAlarm4	State of the extern alarm number 4	R			bool	BI	32783	3 (0x04)	
	82		extAlarm5	State of the extern alarm number 5	R			bool	BI	32783	4 (0x04)	
	83		extAlarm6	State of the extern alarm number 6	R			bool	BI	32783	5 (0x04)	
	84		extAlarm7	State of the extern alarm number 7	R			bool	BI	32783	6 (0x04)	
	85		extAlarm8	State of the extern alarm number 8	R			bool	BI	32783	7 (0x04)	
	86		extAlarm9	State of the extern alarm number 9	R			bool	BI	32783	8 (0x04)	
	87		extAlarm10	State of the extern alarm number 10	R			bool	BI	32783	9 (0x04)	
	88		reserve	reserve	R					32783	10 (0x04)	
	89		reserve	reserve	R					32783	11 (0x04)	
	90		reserve	reserve	R					32783	12 (0x04)	
	91		reserve	reserve	R					32783	13 (0x04)	
	92		reserve	reserve	R					32783	14 (0x04)	
	93		reserve	reserve	R					32783	15 (0x04)	
	94		reserve	reserve	R					32784	(0x04)	
	95		reserve	reserve	R					32785	(0x04)	
	96		reserve	reserve	R					32786	(0x04)	
	97		reserve	reserve	R					32787	(0x04)	
	98		reserve	reserve	R					32788	(0x04)	
	99		reserve	reserve	R					32789	(0x04)	
	100		reserve	reserve	R					32790	(0x04)	

		ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
measurement data		101		fTempODA	present value outdoor air temperature	R	°C	0,1	int	AI	32791	0-15	(0x04)	
		102		fTempSUP	present value supply air temperature	R	°C	0,1	int	AI	32792	0-15	(0x04)	
		103		fTempETA	present value extracted air temperature	R	°C	0,1	int	AI	32793	0-15	(0x04)	
		104		fTempEHA	present value exhauts air temperature	R	°C	0,1	int	AI	32794	0-15	(0x04)	
		105		fHumODA	present value outdoor air humidity	R	%	0,1	uint	AI	32795	0-15	(0x04)	
		106		fHumSUP	present value supply air humidity	R	%	0,1	uint	AI	32796	0-15	(0x04)	
		107		fHumETA	present value extracted air humidity	R	%	0,1	uint	AI	32797	0-15	(0x04)	
		108		fHumEHA	present value exhauts air humidity	R	%	0,1	uint	AI	32798	0-15	(0x04)	
		109		fPressureSUP	present value supply duct pressure	R	Pa	1	uint	AI	32799	0-15	(0x04)	
		110		fPressureETA	present value exhaust duct pressure	R	Pa	1	uint	AI	32800	0-15	(0x04)	
		111		fVOC	present value voc concentration	R	ppm	1	uint	AI	32801	0-15	(0x04)	
		112		fCO2	present value CO2 concentration	R	ppm	1	uint	AI	32802	0-15	(0x04)	
	113		reserve	reserve	R						32803		(0x04)	
	114		reserve	reserve	R						32804		(0x04)	
	115		reserve	reserve	R						32805		(0x04)	
	116		reserve	reserve	R						32806		(0x04)	
	117		reserve	reserve	R						32807		(0x04)	
	118		reserve	reserve	R						32808		(0x04)	
	119		reserve	reserve	R						32809		(0x04)	
	120		reserve	reserve	R						32810		(0x04)	
	121		reserve	reserve	R						32811		(0x04)	
	122		reserve	reserve	R						32812		(0x04)	
cooler		123		bCoolStateMotorProtection	TRUE, if error motor protection cooler pump	R			bool	BI	32813	0	(0x04)	
		124		bCoolStateErrModbusValve	TRUE, if modbus communication error with the cooler valve	R			bool	BI	32813	1	(0x04)	
		125		bCoolCtrlPump	controlled value to switch on/off the cooler pump	R			bool	BI	32813	2	(0x04)	
		126		fCoolStateValve	current position of the cooler valve	R	%	1	uint	AI	32814	0-15	(0x04)	
		127		fCoolMeaInletTemp	present value of the cooler inlet temperature	R	°C	0,1	int	AI	32815	0-15	(0x04)	
		128		fCoolCtrlValve	controlled value of the cooler valve	R	%	1	uint	AI	32816	0-15	(0x04)	
		129		reserve	reserve	R						32817		(0x04)
	130		reserve	reserve	R						32818		(0x04)	
	131		reserve	reserve	R						32819		(0x04)	
	132		reserve	reserve	R						32820		(0x04)	
	133		reserve	reserve	R						32821		(0x04)	
preheater		134		bPreHeatStateMotorProtection	TRUE, if error motor protection preheater pump	R			bool	BI	32822	0	(0x04)	
		135		bPreHeatStateErrModbusValve	TRUE, if modbus communication error with the preheater valve	R			bool	BI	32822	1	(0x04)	
		136		bPreHeatCtrlPump	controlled value to switch on/off the preheater pump	R			bool	BI	32822	2	(0x04)	
		137		fPreHeatStateValve	current position of the preheater valve	R	%	1	uint	AI	32823	0-15	(0x04)	
		138		fPreHeatMeaReturnTemp	present value of the preheater outlet temperature	R	°C	0,1	int	AI	32824	0-15	(0x04)	
		139		fPreHeatCtrlValve	controlled value of the preheater valve	R	%	1	uint	AI	32825	0-15	(0x04)	
		140		reserve	reserve	R						32826		(0x04)
	141		reserve	reserve	R						32827		(0x04)	
	142		reserve	reserve	R						32828		(0x04)	
	143		reserve	reserve	R						32829		(0x04)	
	144		reserve	reserve	R						32830		(0x04)	
reheater		145		bReHeatStateMotorProtection	TRUE, if error motor protection reheater pump	R			bool	BI	32831	0	(0x04)	
		146		bReHeatStateErrModbusValve	TRUE, if modbus communication error with the reheater valve	R			bool	BI	32831	1	(0x04)	
		147		bReHeatCtrlPump	controlled value to switch on/off the reheater pump	R			bool	BI	32831	2	(0x04)	
		148		fReHeatStateValve	current position of the reheater valve	R	%	1	uint	AI	32832	0-15	(0x04)	
		149		fReHeatMeaReturnTemp	present value of the reheater outlet temperature	R	°C	0,1	int	AI	32833	0-15	(0x04)	
		150		fReHeatCtrlValve	controlled value of the reheater valve	R	%	1	uint	AI	32834	0-15	(0x04)	
		151		reserve	reserve	R						32835		(0x04)
		152		reserve	reserve	R						32836		(0x04)
		153		reserve	reserve	R						32837		(0x04)
		154		reserve	reserve	R						32838		(0x04)
		155		reserve	reserve	R						32839		(0x04)

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
damper	156		bDamperStateErrModbusODA	TRUE, if modbus communication error with the outdoor air damper	R			bool	BI	32840	0 (0x04)		
	157		bDamperStateErrModbusSUP	TRUE, if modbus communication error with the supply air damper	R			bool	BI	32840	1 (0x04)		
	158		bDamperStateErrModbusETA	TRUE, if modbus communication error with the extracted air damper	R			bool	BI	32840	2 (0x04)		
	159		bDamperStateErrModbusEHA	TRUE, if modbus communication error with the exhaust air damper	R			bool	BI	32840	3 (0x04)		
	160		bDamperStateErrModbusRCA	TRUE, if modbus communication error with the recovery air damper	R			bool	BI	32840	4 (0x04)		
	161		bDamperStateErrModbusODA2	TRUE, if modbus communication error with the second outdoor air damper	R			bool	BI	32840	5 (0x04)		
	162		bDamperStateErrModbusSUP2	TRUE, if modbus communication error with the second supply air damper	R			bool	BI	32840	6 (0x04)		
	163		bDamperStateErrModbusETA2	TRUE, if modbus communication error with the second extracted air damper	R			bool	BI	32840	7 (0x04)		
	164		bDamperStateErrModbusEHA2	TRUE, if modbus communication error with the second exhaust air damper	R			bool	BI	32840	8 (0x04)		
	165		bDamperStateErrModbusRCA2	TRUE, if modbus communication error with the second recovery air damper	R			bool	BI	32840	9 (0x04)		
	166		bDamperStateErrModbusFanSUP	TRUE, if modbus communication error with the supply air fan damper	R			bool	BI	32840	10 (0x04)		
	167		bDamperStateErrModbusFanETA	TRUE, if modbus communication error with the extracted air fan damper	R			bool	BI	32840	11 (0x04)		
	168		bDamperStateErrModbusFanSUP2	TRUE, if modbus communication error with the second supply air fan damper	R			bool	BI	32840	12 (0x04)		
	169		bDamperStateErrModbusFanETA2	TRUE, if modbus communication error with the second extracted air fan damper	R			bool	BI	32840	13 (0x04)		
	170		reserve	reserve	R						32841	(0x04)	
	171		fDamperStateODA	current position of the outdoor air damper	R	%		1 uint	AI		32842	0-15 (0x04)	
	172		fDamperStateSUP	current position of the supply air damper	R	%		1 uint	AI		32843	0-15 (0x04)	
	173		fDamperStateETA	current position of the extract air damper	R	%		1 uint	AI		32844	0-15 (0x04)	
	174		fDamperStateEHA	current position of the exhaust air damper	R	%		1 uint	AI		32845	0-15 (0x04)	
	175		fDamperStateRCA	current position of the recovery air damper	R	%		1 uint	AI		32846	0-15 (0x04)	
	176		fDamperStateODA2	current position of the second outdoor air damper	R	%		1 uint	AI		32847	0-15 (0x04)	
	177		fDamperStateSUP2	current position of the second supply air damper	R	%		1 uint	AI		32848	0-15 (0x04)	
	178		fDamperStateETA2	current position of the second extract air damper	R	%		1 uint	AI		32849	0-15 (0x04)	
	179		fDamperStateEHA2	current position of the second exhaust air damper	R	%		1 uint	AI		32850	0-15 (0x04)	
	180		fDamperStateRCA2	current position of the second recovery air damper	R	%		1 uint	AI		32851	0-15 (0x04)	
	181		fDamperStateFanSUP	current position of the supply air fan damper	R	%		1 uint	AI		32852	0-15 (0x04)	
	182		fDamperStateFanETA	current position of the extract air fan damper	R	%		1 uint	AI		32853	0-15 (0x04)	
	183		fDamperStateFanSUP2	current position of the second supply air fan damper	R	%		1 uint	AI		32854	0-15 (0x04)	
	184		fDamperStateFanETA2	current position of the second extract air fan damper	R	%		1 uint	AI		32855	0-15 (0x04)	
	185		fDamperCtrlODA	controlled value of the outdoor air damper position	R	%		1 uint	AI		32856	0-15 (0x04)	
	186		fDamperCtrlSUP	controlled value of the supply air damper position	R	%		1 uint	AI		32857	0-15 (0x04)	
	187		fDamperCtrlETA	controlled value of the extract air damper position	R	%		1 uint	AI		32858	0-15 (0x04)	
	188		fDamperCtrlEHA	controlled value of the exhaust air damper position	R	%		1 uint	AI		32859	0-15 (0x04)	
	189		fDamperCtrlRCA	controlled value of the recovery air damper position	R	%		1 uint	AI		32860	0-15 (0x04)	
190		fDamperCtrlODA2	controlled value of the second outdoor air damper position	R	%		1 uint	AI		32861	0-15 (0x04)		
191		fDamperCtrlSUP2	controlled value of the second supply air damper position	R	%		1 uint	AI		32862	0-15 (0x04)		
192		fDamperCtrlETA2	controlled value of the second extract air damper position	R	%		1 uint	AI		32863	0-15 (0x04)		
193		fDamperCtrlEHA2	controlled value of the second exhaust air damper position	R	%		1 uint	AI		32864	0-15 (0x04)		
194		fDamperCtrlRCA2	controlled value of the second recovery air damper position	R	%		1 uint	AI		32865	0-15 (0x04)		
195		fDamperCtrlFanSUP	controlled value of the supply air fan damper position	R	%		1 uint	AI		32866	0-15 (0x04)		
196		fDamperCtrlFanETA	controlled value of the extract air fan damper position	R	%		1 uint	AI		32867	0-15 (0x04)		
197		fDamperCtrlFanSUP2	controlled value of the second supply air fan damper position	R	%		1 uint	AI		32868	0-15 (0x04)		
198		fDamperCtrlFanETA2	controlled value of the second extract air fan damper position	R	%		1 uint	AI		32869	0-15 (0x04)		
199		reserve	reserve	R						32870	(0x04)		

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
supply air fan	200		bFanStateMotorProtectionSUP	TRUE, if motor protection of the supply air fan is inactive				bool	BI	32871	0 (0x04)		
	201		bFanStateRepairSwitchSUP	TRUE, if repair switch of the supply air fan is active				bool	BI	32871	1 (0x04)		
	202		bFanStateErrorSUP	TRUE, if internal error of the supply air fan				bool	BI	32871	2 (0x04)		
	203		bFanStateErrModbusFuSUP	TRUE, if modbus communication error with the supply air fan				bool	BI	32871	3 (0x04)		
	204		bFanStateErrModbusDpSUP	TRUE, if modbus communication error with the pressure transmitter of the supply air fan				bool	BI	32871	4 (0x04)		
	205		bFanCtrlOperationSUP	controlled value to switch on/off the supply air fan				bool	BI	32871	5 (0x04)		
	206		bFanStateMotorProtectionSUP2	TRUE, if motor protection of the second supply air fan is inactive				bool	BI	32871	6 (0x04)		
	207		bFanStateRepairSwitchSUP2	TRUE, if repair switch of the second supply air fan is active				bool	BI	32871	7 (0x04)		
	208		bFanStateErrorSUP2	TRUE, if internal error of the second supply air fan				bool	BI	32871	8 (0x04)		
	209		bFanStateErrModbusFuSUP2	TRUE, if modbus communication error with the second supply air fan				bool	BI	32871	9 (0x04)		
	210		bFanStateErrModbusDpSUP2	TRUE, if modbus communication error with the pressure transmitter of the second supply air fan				bool	BI	32871	10 (0x04)		
	211		bFanCtrlOperationSUP2	controlled value to switch on/off the second supply air fan				bool	BI	32871	11 (0x04)		
	212		reserve	reserve							32872	(0x04)	
	213		fFanCtrlSpeedSUP	controlled value of the supply air fan speed [0..100%]		%		1 uint	AI		32873	0-15 (0x04)	
	214		fFanMeaDpSUP	present value supply air fan differential pressure		Pa		1 uint	AI		32874	0-15 (0x04)	
	215		fFanMeaAirFlowSUP	present value supply airflow		m³/h		1 uint	AI		32875	0-15 (0x04)	
	216		fFanCtrlSpeedSUP2	controlled value of the second supply air fan speed [0..100%]		%		1 uint	AI		32876	0-15 (0x04)	
	217		fFanMeaDpSUP2	present value second supply air fan differential pressure		Pa		1 uint	AI		32877	0-15 (0x04)	
	218		fFanMeaAirFlowSUP2	present value second supply airflow		m³/h		1 uint	AI		32878	0-15 (0x04)	
	219		reserve	reserve							32879	(0x04)	
220		reserve	reserve							32880	(0x04)		
extract air fan	221		bFanStateMotorProtectionETA	TRUE, if motor protection of the extract air fan is inactive				bool	BI	32881	0 (0x04)		
	222		bFanStateRepairSwitchETA	TRUE, if repair switch of the extract air fan is active				bool	BI	32881	1 (0x04)		
	223		bFanStateErrorETA	TRUE, if internal error of the extract air fan				bool	BI	32881	2 (0x04)		
	224		bFanStateErrModbusFuETA	TRUE, if modbus communication error with the extract air fan				bool	BI	32881	3 (0x04)		
	225		bFanStateErrModbusDpETA	TRUE, if modbus communication error with the pressure transmitter of the extract air fan				bool	BI	32881	4 (0x04)		
	226		bFanCtrlOperationETA	controlled value to switch on/off the extract air fan				bool	BI	32881	5 (0x04)		
	227		bFanStateMotorProtectionETA2	TRUE, if motor protection of the second extract air fan is inactive				bool	BI	32881	6 (0x04)		
	228		bFanStateRepairSwitchETA2	TRUE, if repair switch of the second extract air fan is active				bool	BI	32881	7 (0x04)		
	229		bFanStateErrorETA2	TRUE, if internal error of the second extract air fan				bool	BI	32881	8 (0x04)		
	230		bFanStateErrModbusFuETA2	TRUE, if modbus communication error with the second extract air fan				bool	BI	32881	9 (0x04)		
	231		bFanStateErrModbusDpETA2	TRUE, if modbus communication error with the pressure transmitter of the second extract air fan				bool	BI	32881	10 (0x04)		
	232		bFanCtrlOperationETA2	controlled value to switch on/off the second extract air fan				bool	BI	32881	11 (0x04)		
	233		reserve	reserve							32882	(0x04)	
	234		fFanCtrlSpeedETA	controlled value of the extract air fan speed [0..100%]		%		1 uint	AI		32883	0-15 (0x04)	
	235		fFanMeaDpETA	present value extract air fan differential pressure		Pa		1 uint	AI		32884	0-15 (0x04)	
	236		fFanMeaAirFlowETA	present value extract airflow		m³/h		1 uint	AI		32885	0-15 (0x04)	
	237		fFanCtrlSpeedETA2	controlled value of the second extract air fan speed [0..100%]		%		1 uint	AI		32886	0-15 (0x04)	
	238		fFanMeaDpETA2	present value second extract air fan differential pressure		Pa		1 uint	AI		32887	0-15 (0x04)	
	239		fFanMeaAirFlowETA2	present value second extract airflow		m³/h		1 uint	AI		32888	0-15 (0x04)	
	240		reserve	reserve							32889	(0x04)	
	241		reserve	reserve							32890	(0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
filter	242		bFilterStateWarningODA	if TRUE, error outdoor air filter change required				bool	BI	32891	0 (0x04)		
	243		bFilterStateWarningSUP	if TRUE, error supply air filter change required				bool	BI	32891	1 (0x04)		
	244		bFilterStateWarningETA	if TRUE, error extract air filter change required				bool	BI	32891	2 (0x04)		
	245		bFilterStateErrModbusDpODA	if TRUE, communication error pressure sensor outdoor air filter				bool	BI	32891	3 (0x04)		
	246		bFilterStateErrModbusDpSUP	if TRUE, communication error pressure sensor supply air filter				bool	BI	32891	4 (0x04)		
	247		bFilterStateErrModbusDpETA	if TRUE, communication error pressure sensor extract air filter				bool	BI	32891	5 (0x04)		
	248		bFilterStateWarningODA2	if TRUE, error second outdoor air filter change required				bool	BI	32891	6 (0x04)		
	249		bFilterStateWarningSUP2	if TRUE, error second supply air filter change required				bool	BI	32891	7 (0x04)		
	250		bFilterStateWarningETA2	if TRUE, error second extract air filter change required				bool	BI	32891	8 (0x04)		
	251		bFilterStateErrModbusDpODA2	if TRUE, communication error pressure sensor second outdoor air filter				bool	BI	32891	9 (0x04)		
	252		bFilterStateErrModbusDpSUP2	if TRUE, communication error pressure sensor second supply air filter				bool	BI	32891	10 (0x04)		
	253		bFilterStateErrModbusDpETA2	if TRUE, communication error pressure sensor second extract air filter				bool	BI	32891	11 (0x04)		
	254		reserve	reserve							32892	(0x04)	
	255		uiFilterStateHoldingTimeODA	holding time outdoor air filter (in hour)		h		1 uint	AI		32893	0-15 (0x04)	
	256		uiFilterStateHoldingTimeSUP	holding time supply air filter (in hour)		h		1 uint	AI		32894	0-15 (0x04)	
	257		uiFilterStateHoldingTimeETA	holding time extract air filter (in hour)		h		1 uint	AI		32895	0-15 (0x04)	
	258		uiFilterStateOperatingTimeODA	operation time outdoor air filter (in hour)		h		1 uint	AI		32896	0-15 (0x04)	
	259		uiFilterStateOperatingTimeSUP	operation time supply air filter (in hour)		h		1 uint	AI		32897	0-15 (0x04)	
	260		uiFilterStateOperatingTimeETA	operation time extract air filter (in hour)		h		1 uint	AI		32898	0-15 (0x04)	
	261		fFilterMeaDpODA	present value outdoor air filter differential pressure		Pa		1 uint	AI		32899	0-15 (0x04)	
	262		fFilterMeaDpSUP	present value supply air filter differential pressure		Pa		1 uint	AI		32900	0-15 (0x04)	
	263		fFilterMeaDpETA	present value extract air filter differential pressure		Pa		1 uint	AI		32901	0-15 (0x04)	
	264		uiFilterStateHoldingTimeODA2	holding time second outdoor air filter (in hour)		h		1 uint	AI		32902	(0x04)	
	265		uiFilterStateHoldingTimeSUP2	holding time second supply air filter (in hour)		h		1 uint	AI		32903	(0x04)	
266		uiFilterStateHoldingTimeETA2	holding time second extract air filter (in hour)		h		1 uint	AI		32904	(0x04)		
267		uiFilterStateOperatingTimeODA2	operation time second outdoor air filter (in hour)		h		1 uint	AI		32905	(0x04)		
268		uiFilterStateOperatingTimeSUP2	operation time second supply air filter (in hour)		h		1 uint	AI		32906	(0x04)		
269		uiFilterStateOperatingTimeETA2	operation time second extract air filter (in hour)		h		1 uint	AI		32907	(0x04)		
270		fFilterMeaDpODA2	present value second outdoor air filter differential pressure		Pa		1 uint	AI		32908	(0x04)		
271		fFilterMeaDpSUP2	present value second supply air filter differential pressure		Pa		1 uint	AI		32909	(0x04)		
272		fFilterMeaDpETA2	present value second extract air filter differential pressure		Pa		1 uint	AI		32910	(0x04)		
plate heat exchanger	273		bPlaHexStateErrModbusBypass	if TRUE, modbus communication error with the plate heat exchanger dampe				bool	BI	32911	0 (0x04)		
	274		bPlaHexStateErrModbusBypass2	if TRUE, modbus communication error with the second plate heat exchanger dampe				bool	BI	32911	1 (0x04)		
	275		bPlaHexStateErrModbusDp	if TRUE, modbus communication error with the plate heat exchanger differential pressure sensor				bool	BI	32911	2 (0x04)		
	276		fPlaHexStateBypass	current position bypass plate heat exchanger		%		1 uint	AI		32912	0-15 (0x04)	
	277		fPlaHexStateBypass2	current position second bypass plate heat exchanger		%		1 uint	AI		32913	0-15 (0x04)	
	278		fPlaHexMeaTemp	present value recovery air temperature		°C		0,1 int	AI		32914	0-15 (0x04)	
	279		fPlaHexMeaDp	present value plate heat exchanger differential pressure		%		1 uint	AI		32915	0-15 (0x04)	
	280		fPlaHexCtrlBypass	controlled value bypass plate heat exchanger		%		1 uint	AI		32916	0-15 (0x04)	
	281		fPlaHexCtrlBypass2	controlled value of the second bypass plate heat exchanger		%		1 uint	AI		32917	0-15 (0x04)	
	282		reserve	reserve							32918	(0x04)	
	283		reserve	reserve							32919	(0x04)	
	284		reserve	reserve							32920	(0x04)	
	285		reserve	reserve							32921	(0x04)	
rotary heat exchanger	286		bRotHexStateRotationAlarm	TRUE, if internal error of the heat recovery wheel				bool	BI	32922	0 (0x04)		
	287		bRotHexStateErrModbus	TRUE, if modbus communication error with the heat recovery wheel				bool	BI	32922	1 (0x04)		
	288		bRotHexCtrlOperation	controlled value to release the heat recovery wheel				bool	BI	32922	2 (0x04)		
	289		fRotHexCtrlRPM	controlled value heat recovery wheel speed		%		1 uint	AI		32923	0-15 (0x04)	
	290		reserve	reserve							32924	(0x04)	
	291		reserve	reserve							32925	(0x04)	
	292		reserve	reserve							32926	(0x04)	
	293		reserve	reserve							32927	(0x04)	
	294		reserve	reserve							32928	(0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
modbus communication error	295		bModErrHumODA	TRUE, if modbus communication error with the outdoor air humidity sensor				bool	BI	32929	0 (0x04)		
	296		bModErrHumSUP	TRUE, if modbus communication error with the supply air humidity sensor				bool	BI	32929	1 (0x04)		
	297		bModErrHumETA	TRUE, if modbus communication error with the extract air humidity sensor				bool	BI	32929	2 (0x04)		
	298		bModErrHumEHA	TRUE, if modbus communication error with the exhaust air humidity sensor				bool	BI	32929	3 (0x04)		
	299		bModErrTempODA	TRUE, if modbus communication error with the outdoor air temperature sensor				bool	BI	32929	4 (0x04)		
	300		bModErrTempSUP	TRUE, if modbus communication error with the supply air temperature sensor				bool	BI	32929	5 (0x04)		
	301		bModErrTempETA	TRUE, if modbus communication error with the extract air temperature sensor				bool	BI	32929	6 (0x04)		
	302		bModErrTempEHA	TRUE, if modbus communication error with the exhaust air temperature sensor				bool	BI	32929	7 (0x04)		
	303		bModErrDpSUP	TRUE, if modbus communication error with the supply air pressure sensor				bool	BI	32929	8 (0x04)		
	304		bModErrDpETA	TRUE, if modbus communication error with the extract air pressure sensor				bool	BI	32929	9 (0x04)		
	305		bModErrCO2	TRUE, if modbus communication error with the CO2 sensor				bool	BI	32929	10 (0x04)		
	306		bModErrVOC	TRUE, if modbus communication error with the VOC sensor				bool	BI	32929	11 (0x04)		
	307		reserve	reserve							32930	(0x04)	
	308		reserve	reserve							32931	(0x04)	
	309		reserve	reserve							32932	(0x04)	
	310		reserve	reserve							32933	(0x04)	
	311		reserve	reserve							32934	(0x04)	
312		reserve	reserve							32935	(0x04)		
313		reserve	reserve							32936	(0x04)		
314		reserve	reserve							32937	(0x04)		
315		reserve	reserve							32938	(0x04)		
316		reserve	reserve							32939	(0x04)		
current operation mode	317		fSetpointTempSUP	current set point of the supply air temperature		°C	0,1	int	AI	32940	0-15	(0x04)	
	318		fSetpointTempETA	current set point of the extract or room air temperature		°C	0,1	int	AI	32941	0-15	(0x04)	
				current operation mode of the air handling unit. 0 = off, 1 = standby, 2 = control, 3 = freeze protection, 4 = deicing, 5 = startup, 6 = shutdown, 7 = manual, 8 = nightpurge, 9 = intermittent Operation, 10 = cooling protection and 11 = fire protection									
	319		eOperationMode					1	uint	AI	32942	0-15	(0x04)
	320		reserve	reserve							32943	(0x04)	
	321		reserve	reserve							32944	(0x04)	
	322		reserve	reserve							32945	(0x04)	
	323		reserve	reserve							32946	(0x04)	
	324		reserve	reserve							32947	(0x04)	
	325		reserve	reserve							32948	(0x04)	
	326		reserve	reserve							32949	(0x04)	
	327		reserve	reserve							32950	(0x04)	
	328		reserve	reserve							32951	(0x04)	
	329		reserve	reserve							32952	(0x04)	
	330		reserve	reserve							32953	(0x04)	
	331		reserve	reserve							32954	(0x04)	
	332		reserve	reserve							32955	(0x04)	
	333		reserve	reserve							32956	(0x04)	
	334		reserve	reserve							32957	(0x04)	
335		reserve	reserve							32958	(0x04)		
336		reserve	reserve							32959	(0x04)		

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function	
run around coil system	337		bReleasePump	TRUE, if pump release	-			bool	BI	32960	0 (0x04)		
	338		bPumpError	TRUE, if pump error	-			bool	BI	32960	1 (0x04)		
	339		bBrinePressure1	TRUE, if pressure step 1 triggered (0=Off, 1=On)	-			bool	BI	32960	2 (0x04)		
	340		bBrinePressure2	TRUE, if pressure step 2 triggered (0=Off, 1=On)	-			bool	BI	32960	3 (0x04)		
	341		bMsgMinTempInletETA	TRUE, if exhaust air heat exchanger is frosting (Prio = 2)	-			bool	BI	32960	4 (0x04)		
	342		bMsgPumpError	TRUE, if pump error (Prio = 3)	-			bool	BI	32960	5 (0x04)		
	343		bMsgFrostFeedCoil	TRUE, if alarm feed coil frosting (Prio = 3)	-			bool	BI	32960	6 (0x04)		
	344		bMsgNoRecovery	TRUE, if heat recovery is currently not possible (Prio = 2)	-			bool	BI	32960	7 (0x04)		
	345		bMsgNoFeed	TRUE, if feed doesnt have cooling or heating (Prio = 2)	-			bool	BI	32960	8 (0x04)		
	346		bMsgPumpMinVolumeFlow	TRUE, if min. pump volume flow (Prio = 3)	-			bool	BI	32960	9 (0x04)		
	347		bMsgBrinePressureLow	TRUE, if brine pressure have to be checked, low pressure (Prio = 2)	-			bool	BI	32960	10 (0x04)		
	348		bMsgBrinePressureCritical	TRUE, if critical brine pressure (Prio = 3)	-			bool	BI	32960	11 (0x04)		
	349		bMsgAutoPumpOff	TRUE, if auto pump stop (Prio = 2)	-			bool	BI	32960	12 (0x04)		
	350		bStateHeatExchangerOperation	TRUE, if state of the operation signal be released	-			bool	BI	32960	13 (0x04)		
	351		bStateFastMode	state of the fast cool- or heating mode TRUE, if active	-			bool	BI	32960	14 (0x04)		
	352		bStateCoolingFeed	state of the cooling feed TRUE, if feeding is active	-			bool	BI	32960	15 (0x04)		
	353		bStateHeatingFeed	state of the heating feed TRUE, if feeding is active	-			bool	BI	32961	0 (0x04)		
	354		bMsgPumpWarning	pump error TRUE, if outputted a warning signal (Prio = 2)	-			bool	BI	32961	1 (0x04)		
	355		rActuatingValuePump	controlled value pump speed		%		1 uint	AI	32962		(0x04)	
	356		rActuatingValuePowerValve	controlled value run around coil power valve		%		1 uint	AI	32963		(0x04)	
	357		rActuatingValueFrostProtectionValve	controlled value run around coil frost protection valve		%		1 uint	AI	32964		(0x04)	
	358		rTempSUPIn	current value inlet temperature of the fresh air heat exchanger		°C		0,1 int	AI	32965		(0x04)	
	359		rTempSUPOut	current value outlet temperature of the fresh air heat exchanger		°C		0,1 int	AI	32966		(0x04)	
	360		rTempETAIn	current value inlet temperature of exhaust air heat exchanger		°C		0,1 int	AI	32967		(0x04)	
	361		rTempETAOut	current value return temperature exhaust air heat exchanger		°C		0,1 int	AI	32968		(0x04)	
	362		rTempPreFeed	current value brine temperature		°C		0,1 int	AI	32969		(0x04)	
	363		rBrineVolumeFlow	present value brine volume flow		m³/h		0,01 uint	AI	32970		(0x04)	
	364		rThermalPowerSUP	current value thermal power of the fresh air heat exchanger		kW		1 int	AI	32971		(0x04)	
	365		rThermalPowerETA	current value thermal power of the exhaust air heat exchanger		kW		1 int	AI	32972		(0x04)	
	366		rThermalPowerFeedHeat	current value thermal power of the heating feed		kW		1 int	AI	32973		(0x04)	
	367		rThermalPowerFeedCool	current value thermal power of the cooling feed		kW		1 int	AI	32974		(0x04)	
	368		reserve	reserve						32975		(0x04)	
	369		reserve	reserve						32976		(0x04)	
	370		reserve	reserve						32977		(0x04)	
	371		reserve	reserve						32978		(0x04)	
	372		reserve	reserve						32979		(0x04)	
	373		reserve	reserve						32980		(0x04)	
374		reserve	reserve						32981		(0x04)		
375		reserve	reserve						32982		(0x04)		
376		reserve	reserve						32983		(0x04)		
377		reserve	reserve						32984		(0x04)		
integrated refrigerating	378		bMsgErrorSuperHeatingController	TRUE, if error super heating controller	-			bool	BI	32985	0 (0x04)		
	379		bMsgOilManagement	TRUE, if oil management error	-			bool	BI	32985	1 (0x04)		
	380		bMsgHighPressure	TRUE, if high pressure error	-			bool	BI	32985	2 (0x04)		
	381		bMsgLowPressure	TRUE, if low pressure error	-			bool	BI	32985	3 (0x04)		
	382		bCompressorPWM [1]	TRUE, if actuating value pwm compressor 1	-			bool	BI	32985	4 (0x04)		
	383		bCompressorPWM [2]	TRUE, if actuating value pwm compressor 2	-			bool	BI	32985	5 (0x04)		
	384		bCompressorPWM [3]	TRUE, if actuating value pwm compressor 3	-			bool	BI	32985	6 (0x04)		
	385		arCompMotorProtection [1]	TRUE, if motor protection triggered first compressor	-			bool	BI	32985	7 (0x04)		
	386		arCompMotorProtection [2]	TRUE, if motor protection triggered second compressor	-			bool	BI	32985	8 (0x04)		
	387		arCompMotorProtection [3]	TRUE, if motor protection triggered third compressor	-			bool	BI	32985	9 (0x04)		
	388		arSoftStarterOn [1]	TRUE, if actuating value soft starter compressor 1	-			bool	BI	32985	10 (0x04)		
	389		arSoftStarterOn [2]	TRUE, if actuating value soft starter compressor 2	-			bool	BI	32985	11 (0x04)		
	390		arSoftStarterOn [3]	TRUE, if actuating value soft starter compressor 3	-			bool	BI	32985	12 (0x04)		
	391		bMsgHighTemp	TRUE, if error - high compressor end temperature	-			bool	BI	32985	13 (0x04)		
	392		bEAPComError	TRUE, if communication error with the EAP-Modul	-			bool	BI	32985	14 (0x04)		
	393		reserve	reserve	-			bool	BI	32985	15 (0x04)		
	394									32986			
	395									32987			
	396									32988			
	397									32989			
	398		reserve	reserve		-			bool	BI	32990	15 (0x04)	

ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
399		bFireDamperClosed1	contact fire damper 1 closed	R			bool	BI	32991	0 (0x04)	
400		bFireDamperClosed2	contact fire damper 2 closed	R			bool	BI	32991	1 (0x04)	
401		bFireDamperClosed3	contact fire damper 3 closed	R			bool	BI	32991	2 (0x04)	
402		bFireDamperClosed4	contact fire damper 4 closed	R			bool	BI	32991	3 (0x04)	
403		bFireDamperClosed5	contact fire damper 5 closed	R			bool	BI	32991	4 (0x04)	
404		bFireDamperClosed6	contact fire damper 6 closed	R			bool	BI	32991	5 (0x04)	
405		bFireDamperClosed7	contact fire damper 7 closed	R			bool	BI	32991	6 (0x04)	
406		bFireDamperClosed8	contact fire damper 8 closed	R			bool	BI	32991	7 (0x04)	
407		bFireDamperClosed9	contact fire damper 9 closed	R			bool	BI	32991	8 (0x04)	
408		bFireDamperClosed10	contact fire damper 10 closed	R			bool	BI	32991	9 (0x04)	
409		bFireDamperClosed11	contact fire damper 11 closed	R			bool	BI	32991	10 (0x04)	
410		bFireDamperClosed12	contact fire damper 12 closed	R			bool	BI	32991	11 (0x04)	
411		bFireDamperClosed13	contact fire damper 13 closed	R			bool	BI	32991	12 (0x04)	
412		bFireDamperClosed14	contact fire damper 14 closed	R			bool	BI	32991	13 (0x04)	
413		bFireDamperClosed15	contact fire damper 15 closed	R			bool	BI	32991	14 (0x04)	
414		bFireDamperClosed16	contact fire damper 16 closed	R			bool	BI	32991	15 (0x04)	
415		bFireDamperClosed17	contact fire damper 17 closed	R			bool	BI	32992	0 (0x04)	
416		bFireDamperClosed18	contact fire damper 18 closed	R			bool	BI	32992	1 (0x04)	
417		bFireDamperClosed19	contact fire damper 19 closed	R			bool	BI	32992	2 (0x04)	
418		bFireDamperClosed20	contact fire damper 20 closed	R			bool	BI	32992	3 (0x04)	
419		bFireDamperClosed21	contact fire damper 21 closed	R			bool	BI	32992	4 (0x04)	
420		bFireDamperClosed22	contact fire damper 22 closed	R			bool	BI	32992	5 (0x04)	
421		bFireDamperClosed23	contact fire damper 23 closed	R			bool	BI	32992	6 (0x04)	
422		bFireDamperClosed24	contact fire damper 24 closed	R			bool	BI	32992	7 (0x04)	
423		bFireDamperClosed25	contact fire damper 25 closed	R			bool	BI	32992	8 (0x04)	
424		bFireDamperClosed26	contact fire damper 26 closed	R			bool	BI	32992	9 (0x04)	
425		bFireDamperClosed27	contact fire damper 27 closed	R			bool	BI	32992	10 (0x04)	
426		bFireDamperClosed28	contact fire damper 28 closed	R			bool	BI	32992	11 (0x04)	
427		bFireDamperClosed29	contact fire damper 29 closed	R			bool	BI	32992	12 (0x04)	
428		bFireDamperClosed30	contact fire damper 30 closed	R			bool	BI	32992	13 (0x04)	
429		bFireDamperClosed31	contact fire damper 31 closed	R			bool	BI	32992	14 (0x04)	
430		bFireDamperClosed32	contact fire damper 32 closed	R			bool	BI	32992	15 (0x04)	
431		bFireDamperClosed33	contact fire damper 33 closed	R			bool	BI	32993	0 (0x04)	
432		bFireDamperClosed34	contact fire damper 34 closed	R			bool	BI	32993	1 (0x04)	
433		bFireDamperClosed35	contact fire damper 35 closed	R			bool	BI	32993	2 (0x04)	
434		bFireDamperClosed36	contact fire damper 36 closed	R			bool	BI	32993	3 (0x04)	
435		bFireDamperClosed37	contact fire damper 37 closed	R			bool	BI	32993	4 (0x04)	
436		bFireDamperClosed38	contact fire damper 38 closed	R			bool	BI	32993	5 (0x04)	
437		bFireDamperClosed39	contact fire damper 39 closed	R			bool	BI	32993	6 (0x04)	
438		bFireDamperClosed40	contact fire damper 40 closed	R			bool	BI	32993	7 (0x04)	
439		bFireDamperClosed41	contact fire damper 41 closed	R			bool	BI	32993	8 (0x04)	
440		bFireDamperClosed42	contact fire damper 42 closed	R			bool	BI	32993	9 (0x04)	
441		bFireDamperClosed43	contact fire damper 43 closed	R			bool	BI	32993	10 (0x04)	
442		bFireDamperClosed44	contact fire damper 44 closed	R			bool	BI	32993	11 (0x04)	
443		bFireDamperClosed45	contact fire damper 45 closed	R			bool	BI	32993	12 (0x04)	
444		bFireDamperClosed46	contact fire damper 46 closed	R			bool	BI	32993	13 (0x04)	
445		bFireDamperClosed47	contact fire damper 47 closed	R			bool	BI	32993	14 (0x04)	
446		bFireDamperClosed48	contact fire damper 48 closed	R			bool	BI	32993	15 (0x04)	
447		bFireDamperClosed49	contact fire damper 49 closed	R			bool	BI	32994	0 (0x04)	
448		bFireDamperClosed50	contact fire damper 50 closed	R			bool	BI	32994	1 (0x04)	
449		bFireDamperClosed51	contact fire damper 51 closed	R			bool	BI	32994	2 (0x04)	
450		bFireDamperClosed52	contact fire damper 52 closed	R			bool	BI	32994	3 (0x04)	
451		bFireDamperClosed53	contact fire damper 53 closed	R			bool	BI	32994	4 (0x04)	
452		bFireDamperClosed54	contact fire damper 54 closed	R			bool	BI	32994	5 (0x04)	
453		bFireDamperClosed55	contact fire damper 55 closed	R			bool	BI	32994	6 (0x04)	
454		bFireDamperClosed56	contact fire damper 56 closed	R			bool	BI	32994	7 (0x04)	
455		bFireDamperClosed57	contact fire damper 57 closed	R			bool	BI	32994	8 (0x04)	
456		bFireDamperClosed58	contact fire damper 58 closed	R			bool	BI	32994	9 (0x04)	
457		bFireDamperClosed59	contact fire damper 59 closed	R			bool	BI	32994	10 (0x04)	
458		bFireDamperClosed60	contact fire damper 60 closed	R			bool	BI	32994	11 (0x04)	
459		bFireDamperClosed61	contact fire damper 61 closed	R			bool	BI	32994	12 (0x04)	
460		bFireDamperClosed62	contact fire damper 62 closed	R			bool	BI	32994	13 (0x04)	

ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
461		reserve	reserve		-		bool	BI	32994	14	
462		reserve	reserve		-		bool	BI	32994	15	
463		bFireDamperOpened1	contact fire damper 1 Opened	R			bool	BI	32995	0 (0x04)	
464		bFireDamperOpened2	contact fire damper 2 Opened	R			bool	BI	32995	1 (0x04)	
465		bFireDamperOpened3	contact fire damper 3 Opened	R			bool	BI	32995	2 (0x04)	
466		bFireDamperOpened4	contact fire damper 4 Opened	R			bool	BI	32995	3 (0x04)	
467		bFireDamperOpened5	contact fire damper 5 Opened	R			bool	BI	32995	4 (0x04)	
468		bFireDamperOpened6	contact fire damper 6 Opened	R			bool	BI	32995	5 (0x04)	
469		bFireDamperOpened7	contact fire damper 7 Opened	R			bool	BI	32995	6 (0x04)	
470		bFireDamperOpened8	contact fire damper 8 Opened	R			bool	BI	32995	7 (0x04)	
471		bFireDamperOpened9	contact fire damper 9 Opened	R			bool	BI	32995	8 (0x04)	
472		bFireDamperOpened10	contact fire damper 10 Opened	R			bool	BI	32995	9 (0x04)	
473		bFireDamperOpened11	contact fire damper 11 Opened	R			bool	BI	32995	10 (0x04)	
474		bFireDamperOpened12	contact fire damper 12 Opened	R			bool	BI	32995	11 (0x04)	
475		bFireDamperOpened13	contact fire damper 13 Opened	R			bool	BI	32995	12 (0x04)	
476		bFireDamperOpened14	contact fire damper 14 Opened	R			bool	BI	32995	13 (0x04)	
477		bFireDamperOpened15	contact fire damper 15 Opened	R			bool	BI	32995	14 (0x04)	
478		bFireDamperOpened16	contact fire damper 16 Opened	R			bool	BI	32995	15 (0x04)	
479		bFireDamperOpened17	contact fire damper 17 Opened	R			bool	BI	32996	0 (0x04)	
480		bFireDamperOpened18	contact fire damper 18 Opened	R			bool	BI	32996	1 (0x04)	
481		bFireDamperOpened19	contact fire damper 19 Opened	R			bool	BI	32996	2 (0x04)	
482		bFireDamperOpened20	contact fire damper 20 Opened	R			bool	BI	32996	3 (0x04)	
483		bFireDamperOpened21	contact fire damper 21 Opened	R			bool	BI	32996	4 (0x04)	
484		bFireDamperOpened22	contact fire damper 22 Opened	R			bool	BI	32996	5 (0x04)	
485		bFireDamperOpened23	contact fire damper 23 Opened	R			bool	BI	32996	6 (0x04)	
486		bFireDamperOpened24	contact fire damper 24 Opened	R			bool	BI	32996	7 (0x04)	
487		bFireDamperOpened25	contact fire damper 25 Opened	R			bool	BI	32996	8 (0x04)	
488		bFireDamperOpened26	contact fire damper 26 Opened	R			bool	BI	32996	9 (0x04)	
489		bFireDamperOpened27	contact fire damper 27 Opened	R			bool	BI	32996	10 (0x04)	
490		bFireDamperOpened28	contact fire damper 28 Opened	R			bool	BI	32996	11 (0x04)	
491		bFireDamperOpened29	contact fire damper 29 Opened	R			bool	BI	32996	12 (0x04)	
492		bFireDamperOpened30	contact fire damper 30 Opened	R			bool	BI	32996	13 (0x04)	
493		bFireDamperOpened31	contact fire damper 31 Opened	R			bool	BI	32996	14 (0x04)	
494		bFireDamperOpened32	contact fire damper 32 Opened	R			bool	BI	32996	15 (0x04)	
495		bFireDamperOpened33	contact fire damper 33 Opened	R			bool	BI	32997	0 (0x04)	
496		bFireDamperOpened34	contact fire damper 34 Opened	R			bool	BI	32997	1 (0x04)	
497		bFireDamperOpened35	contact fire damper 35 Opened	R			bool	BI	32997	2 (0x04)	
498		bFireDamperOpened36	contact fire damper 36 Opened	R			bool	BI	32997	3 (0x04)	
499		bFireDamperOpened37	contact fire damper 37 Opened	R			bool	BI	32997	4 (0x04)	
500		bFireDamperOpened38	contact fire damper 38 Opened	R			bool	BI	32997	5 (0x04)	
501		bFireDamperOpened39	contact fire damper 39 Opened	R			bool	BI	32997	6 (0x04)	
502		bFireDamperOpened40	contact fire damper 40 Opened	R			bool	BI	32997	7 (0x04)	
503		bFireDamperOpened41	contact fire damper 41 Opened	R			bool	BI	32997	8 (0x04)	
504		bFireDamperOpened42	contact fire damper 42 Opened	R			bool	BI	32997	9 (0x04)	
505		bFireDamperOpened43	contact fire damper 43 Opened	R			bool	BI	32997	10 (0x04)	
506		bFireDamperOpened44	contact fire damper 44 Opened	R			bool	BI	32997	11 (0x04)	
507		bFireDamperOpened45	contact fire damper 45 Opened	R			bool	BI	32997	12 (0x04)	
508		bFireDamperOpened46	contact fire damper 46 Opened	R			bool	BI	32997	13 (0x04)	
509		bFireDamperOpened47	contact fire damper 47 Opened	R			bool	BI	32997	14 (0x04)	
510		bFireDamperOpened48	contact fire damper 48 Opened	R			bool	BI	32997	15 (0x04)	
511		bFireDamperOpened49	contact fire damper 49 Opened	R			bool	BI	32998	0 (0x04)	
512		bFireDamperOpened50	contact fire damper 50 Opened	R			bool	BI	32998	1 (0x04)	
513		bFireDamperOpened51	contact fire damper 51 Opened	R			bool	BI	32998	2 (0x04)	
514		bFireDamperOpened52	contact fire damper 52 Opened	R			bool	BI	32998	3 (0x04)	
515		bFireDamperOpened53	contact fire damper 53 Opened	R			bool	BI	32998	4 (0x04)	
516		bFireDamperOpened54	contact fire damper 54 Opened	R			bool	BI	32998	5 (0x04)	
517		bFireDamperOpened55	contact fire damper 55 Opened	R			bool	BI	32998	6 (0x04)	
518		bFireDamperOpened56	contact fire damper 56 Opened	R			bool	BI	32998	7 (0x04)	
519		bFireDamperOpened57	contact fire damper 57 Opened	R			bool	BI	32998	8 (0x04)	
520		bFireDamperOpened58	contact fire damper 58 Opened	R			bool	BI	32998	9 (0x04)	
521		bFireDamperOpened59	contact fire damper 59 Opened	R			bool	BI	32998	10 (0x04)	
522		bFireDamperOpened60	contact fire damper 60 Opened	R			bool	BI	32998	11 (0x04)	

ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
523		bFireDamperOpened61	contact fire damper 61 Opened	R			bool	BI	32998	12 (0x04)	
524		bFireDamperOpened62	contact fire damper 62 Opened	R			bool	BI	32998	13 (0x04)	
525		reserve	reserve		-		bool	BI	32998	14	
526		reserve	reserve		-		bool	BI	32998	15	
527		bFireDamperErrorClosingRuntime1	Error closing runtime fire damper 1	R			bool	BI	32999	0 (0x04)	
528		bFireDamperErrorClosingRuntime2	Error closing runtime fire damper 2	R			bool	BI	32999	1 (0x04)	
529		bFireDamperErrorClosingRuntime3	Error closing runtime fire damper 3	R			bool	BI	32999	2 (0x04)	
530		bFireDamperErrorClosingRuntime4	Error closing runtime fire damper 4	R			bool	BI	32999	3 (0x04)	
531		bFireDamperErrorClosingRuntime5	Error closing runtime fire damper 5	R			bool	BI	32999	4 (0x04)	
532		bFireDamperErrorClosingRuntime6	Error closing runtime fire damper 6	R			bool	BI	32999	5 (0x04)	
533		bFireDamperErrorClosingRuntime7	Error closing runtime fire damper 7	R			bool	BI	32999	6 (0x04)	
534		bFireDamperErrorClosingRuntime8	Error closing runtime fire damper 8	R			bool	BI	32999	7 (0x04)	
535		bFireDamperErrorClosingRuntime9	Error closing runtime fire damper 9	R			bool	BI	32999	8 (0x04)	
536		bFireDamperErrorClosingRuntime10	Error closing runtime fire damper 10	R			bool	BI	32999	9 (0x04)	
537		bFireDamperErrorClosingRuntime11	Error closing runtime fire damper 11	R			bool	BI	32999	10 (0x04)	
538		bFireDamperErrorClosingRuntime12	Error closing runtime fire damper 12	R			bool	BI	32999	11 (0x04)	
539		bFireDamperErrorClosingRuntime13	Error closing runtime fire damper 13	R			bool	BI	32999	12 (0x04)	
540		bFireDamperErrorClosingRuntime14	Error closing runtime fire damper 14	R			bool	BI	32999	13 (0x04)	
541		bFireDamperErrorClosingRuntime15	Error closing runtime fire damper 15	R			bool	BI	32999	14 (0x04)	
542		bFireDamperErrorClosingRuntime16	Error closing runtime fire damper 16	R			bool	BI	32999	15 (0x04)	
543		bFireDamperErrorClosingRuntime17	Error closing runtime fire damper 17	R			bool	BI	33000	0 (0x04)	
544		bFireDamperErrorClosingRuntime18	Error closing runtime fire damper 18	R			bool	BI	33000	1 (0x04)	
545		bFireDamperErrorClosingRuntime19	Error closing runtime fire damper 19	R			bool	BI	33000	2 (0x04)	
546		bFireDamperErrorClosingRuntime20	Error closing runtime fire damper 20	R			bool	BI	33000	3 (0x04)	
547		bFireDamperErrorClosingRuntime21	Error closing runtime fire damper 21	R			bool	BI	33000	4 (0x04)	
548		bFireDamperErrorClosingRuntime22	Error closing runtime fire damper 22	R			bool	BI	33000	5 (0x04)	
549		bFireDamperErrorClosingRuntime23	Error closing runtime fire damper 23	R			bool	BI	33000	6 (0x04)	
550		bFireDamperErrorClosingRuntime24	Error closing runtime fire damper 24	R			bool	BI	33000	7 (0x04)	
551		bFireDamperErrorClosingRuntime25	Error closing runtime fire damper 25	R			bool	BI	33000	8 (0x04)	
552		bFireDamperErrorClosingRuntime26	Error closing runtime fire damper 26	R			bool	BI	33000	9 (0x04)	
553		bFireDamperErrorClosingRuntime27	Error closing runtime fire damper 27	R			bool	BI	33000	10 (0x04)	
554		bFireDamperErrorClosingRuntime28	Error closing runtime fire damper 28	R			bool	BI	33000	11 (0x04)	
555		bFireDamperErrorClosingRuntime29	Error closing runtime fire damper 29	R			bool	BI	33000	12 (0x04)	
556		bFireDamperErrorClosingRuntime30	Error closing runtime fire damper 30	R			bool	BI	33000	13 (0x04)	
557		bFireDamperErrorClosingRuntime31	Error closing runtime fire damper 31	R			bool	BI	33000	14 (0x04)	
558		bFireDamperErrorClosingRuntime32	Error closing runtime fire damper 32	R			bool	BI	33000	15 (0x04)	
559		bFireDamperErrorClosingRuntime33	Error closing runtime fire damper 33	R			bool	BI	33001	0 (0x04)	
560		bFireDamperErrorClosingRuntime34	Error closing runtime fire damper 34	R			bool	BI	33001	1 (0x04)	
561		bFireDamperErrorClosingRuntime35	Error closing runtime fire damper 35	R			bool	BI	33001	2 (0x04)	
562		bFireDamperErrorClosingRuntime36	Error closing runtime fire damper 36	R			bool	BI	33001	3 (0x04)	
563		bFireDamperErrorClosingRuntime37	Error closing runtime fire damper 37	R			bool	BI	33001	4 (0x04)	
564		bFireDamperErrorClosingRuntime38	Error closing runtime fire damper 38	R			bool	BI	33001	5 (0x04)	
565		bFireDamperErrorClosingRuntime39	Error closing runtime fire damper 39	R			bool	BI	33001	6 (0x04)	
566		bFireDamperErrorClosingRuntime40	Error closing runtime fire damper 40	R			bool	BI	33001	7 (0x04)	
567		bFireDamperErrorClosingRuntime41	Error closing runtime fire damper 41	R			bool	BI	33001	8 (0x04)	
568		bFireDamperErrorClosingRuntime42	Error closing runtime fire damper 42	R			bool	BI	33001	9 (0x04)	
569		bFireDamperErrorClosingRuntime43	Error closing runtime fire damper 43	R			bool	BI	33001	10 (0x04)	
570		bFireDamperErrorClosingRuntime44	Error closing runtime fire damper 44	R			bool	BI	33001	11 (0x04)	
571		bFireDamperErrorClosingRuntime45	Error closing runtime fire damper 45	R			bool	BI	33001	12 (0x04)	
572		bFireDamperErrorClosingRuntime46	Error closing runtime fire damper 46	R			bool	BI	33001	13 (0x04)	
573		bFireDamperErrorClosingRuntime47	Error closing runtime fire damper 47	R			bool	BI	33001	14 (0x04)	
574		bFireDamperErrorClosingRuntime48	Error closing runtime fire damper 48	R			bool	BI	33001	15 (0x04)	
575		bFireDamperErrorClosingRuntime49	Error closing runtime fire damper 49	R			bool	BI	33002	0 (0x04)	
576		bFireDamperErrorClosingRuntime50	Error closing runtime fire damper 50	R			bool	BI	33002	1 (0x04)	
577		bFireDamperErrorClosingRuntime51	Error closing runtime fire damper 51	R			bool	BI	33002	2 (0x04)	
578		bFireDamperErrorClosingRuntime52	Error closing runtime fire damper 52	R			bool	BI	33002	3 (0x04)	
579		bFireDamperErrorClosingRuntime53	Error closing runtime fire damper 53	R			bool	BI	33002	4 (0x04)	
580		bFireDamperErrorClosingRuntime54	Error closing runtime fire damper 54	R			bool	BI	33002	5 (0x04)	
581		bFireDamperErrorClosingRuntime55	Error closing runtime fire damper 55	R			bool	BI	33002	6 (0x04)	
582		bFireDamperErrorClosingRuntime56	Error closing runtime fire damper 56	R			bool	BI	33002	7 (0x04)	
583		bFireDamperErrorClosingRuntime57	Error closing runtime fire damper 57	R			bool	BI	33002	8 (0x04)	
584		bFireDamperErrorClosingRuntime58	Error closing runtime fire damper 58	R			bool	BI	33002	9 (0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
fire damper	585		bFireDamperErrorClosingRuntime59	Error closing runtime fire damper 59	R			bool	BI	33002	10 (0x04)	
	586		bFireDamperErrorClosingRuntime60	Error closing runtime fire damper 60	R			bool	BI	33002	11 (0x04)	
	587		bFireDamperErrorClosingRuntime61	Error closing runtime fire damper 61	R			bool	BI	33002	12 (0x04)	
	588		bFireDamperErrorClosingRuntime62	Error closing runtime fire damper 62	R			bool	BI	33002	13 (0x04)	
	589		reserve	reserve		-		bool	BI	33002	14	
	590		reserve	reserve		-		bool	BI	33002	15	
	591		bFireDamperErrorOpeningRuntime1	Error Opening runtime fire damper 1	R			bool	BI	33003	0 (0x04)	
	592		bFireDamperErrorOpeningRuntime2	Error Opening runtime fire damper 2	R			bool	BI	33003	1 (0x04)	
	593		bFireDamperErrorOpeningRuntime3	Error Opening runtime fire damper 3	R			bool	BI	33003	2 (0x04)	
	594		bFireDamperErrorOpeningRuntime4	Error Opening runtime fire damper 4	R			bool	BI	33003	3 (0x04)	
	595		bFireDamperErrorOpeningRuntime5	Error Opening runtime fire damper 5	R			bool	BI	33003	4 (0x04)	
	596		bFireDamperErrorOpeningRuntime6	Error Opening runtime fire damper 6	R			bool	BI	33003	5 (0x04)	
	597		bFireDamperErrorOpeningRuntime7	Error Opening runtime fire damper 7	R			bool	BI	33003	6 (0x04)	
	598		bFireDamperErrorOpeningRuntime8	Error Opening runtime fire damper 8	R			bool	BI	33003	7 (0x04)	
	599		bFireDamperErrorOpeningRuntime9	Error Opening runtime fire damper 9	R			bool	BI	33003	8 (0x04)	
	600		bFireDamperErrorOpeningRuntime10	Error Opening runtime fire damper 10	R			bool	BI	33003	9 (0x04)	
	601		bFireDamperErrorOpeningRuntime11	Error Opening runtime fire damper 11	R			bool	BI	33003	10 (0x04)	
	602		bFireDamperErrorOpeningRuntime12	Error Opening runtime fire damper 12	R			bool	BI	33003	11 (0x04)	
	603		bFireDamperErrorOpeningRuntime13	Error Opening runtime fire damper 13	R			bool	BI	33003	12 (0x04)	
	604		bFireDamperErrorOpeningRuntime14	Error Opening runtime fire damper 14	R			bool	BI	33003	13 (0x04)	
	605		bFireDamperErrorOpeningRuntime15	Error Opening runtime fire damper 15	R			bool	BI	33003	14 (0x04)	
	606		bFireDamperErrorOpeningRuntime16	Error Opening runtime fire damper 16	R			bool	BI	33003	15 (0x04)	
	607		bFireDamperErrorOpeningRuntime17	Error Opening runtime fire damper 17	R			bool	BI	33004	0 (0x04)	
	608		bFireDamperErrorOpeningRuntime18	Error Opening runtime fire damper 18	R			bool	BI	33004	1 (0x04)	
	609		bFireDamperErrorOpeningRuntime19	Error Opening runtime fire damper 19	R			bool	BI	33004	2 (0x04)	
	610		bFireDamperErrorOpeningRuntime20	Error Opening runtime fire damper 20	R			bool	BI	33004	3 (0x04)	
	611		bFireDamperErrorOpeningRuntime21	Error Opening runtime fire damper 21	R			bool	BI	33004	4 (0x04)	
	612		bFireDamperErrorOpeningRuntime22	Error Opening runtime fire damper 22	R			bool	BI	33004	5 (0x04)	
	613		bFireDamperErrorOpeningRuntime23	Error Opening runtime fire damper 23	R			bool	BI	33004	6 (0x04)	
	614		bFireDamperErrorOpeningRuntime24	Error Opening runtime fire damper 24	R			bool	BI	33004	7 (0x04)	
	615		bFireDamperErrorOpeningRuntime25	Error Opening runtime fire damper 25	R			bool	BI	33004	8 (0x04)	
	616		bFireDamperErrorOpeningRuntime26	Error Opening runtime fire damper 26	R			bool	BI	33004	9 (0x04)	
	617		bFireDamperErrorOpeningRuntime27	Error Opening runtime fire damper 27	R			bool	BI	33004	10 (0x04)	
	618		bFireDamperErrorOpeningRuntime28	Error Opening runtime fire damper 28	R			bool	BI	33004	11 (0x04)	
	619		bFireDamperErrorOpeningRuntime29	Error Opening runtime fire damper 29	R			bool	BI	33004	12 (0x04)	
	620		bFireDamperErrorOpeningRuntime30	Error Opening runtime fire damper 30	R			bool	BI	33004	13 (0x04)	
	621		bFireDamperErrorOpeningRuntime31	Error Opening runtime fire damper 31	R			bool	BI	33004	14 (0x04)	
	622		bFireDamperErrorOpeningRuntime32	Error Opening runtime fire damper 32	R			bool	BI	33004	15 (0x04)	
	623		bFireDamperErrorOpeningRuntime33	Error Opening runtime fire damper 33	R			bool	BI	33005	0 (0x04)	
	624		bFireDamperErrorOpeningRuntime34	Error Opening runtime fire damper 34	R			bool	BI	33005	1 (0x04)	
	625		bFireDamperErrorOpeningRuntime35	Error Opening runtime fire damper 35	R			bool	BI	33005	2 (0x04)	
	626		bFireDamperErrorOpeningRuntime36	Error Opening runtime fire damper 36	R			bool	BI	33005	3 (0x04)	
	627		bFireDamperErrorOpeningRuntime37	Error Opening runtime fire damper 37	R			bool	BI	33005	4 (0x04)	
	628		bFireDamperErrorOpeningRuntime38	Error Opening runtime fire damper 38	R			bool	BI	33005	5 (0x04)	
	629		bFireDamperErrorOpeningRuntime39	Error Opening runtime fire damper 39	R			bool	BI	33005	6 (0x04)	
	630		bFireDamperErrorOpeningRuntime40	Error Opening runtime fire damper 40	R			bool	BI	33005	7 (0x04)	
	631		bFireDamperErrorOpeningRuntime41	Error Opening runtime fire damper 41	R			bool	BI	33005	8 (0x04)	
	632		bFireDamperErrorOpeningRuntime42	Error Opening runtime fire damper 42	R			bool	BI	33005	9 (0x04)	
	633		bFireDamperErrorOpeningRuntime43	Error Opening runtime fire damper 43	R			bool	BI	33005	10 (0x04)	
	634		bFireDamperErrorOpeningRuntime44	Error Opening runtime fire damper 44	R			bool	BI	33005	11 (0x04)	
	635		bFireDamperErrorOpeningRuntime45	Error Opening runtime fire damper 45	R			bool	BI	33005	12 (0x04)	
	636		bFireDamperErrorOpeningRuntime46	Error Opening runtime fire damper 46	R			bool	BI	33005	13 (0x04)	
	637		bFireDamperErrorOpeningRuntime47	Error Opening runtime fire damper 47	R			bool	BI	33005	14 (0x04)	
	638		bFireDamperErrorOpeningRuntime48	Error Opening runtime fire damper 48	R			bool	BI	33005	15 (0x04)	
	639		bFireDamperErrorOpeningRuntime49	Error Opening runtime fire damper 49	R			bool	BI	33006	0 (0x04)	
	640		bFireDamperErrorOpeningRuntime50	Error Opening runtime fire damper 50	R			bool	BI	33006	1 (0x04)	
	641		bFireDamperErrorOpeningRuntime51	Error Opening runtime fire damper 51	R			bool	BI	33006	2 (0x04)	
	642		bFireDamperErrorOpeningRuntime52	Error Opening runtime fire damper 52	R			bool	BI	33006	3 (0x04)	
	643		bFireDamperErrorOpeningRuntime53	Error Opening runtime fire damper 53	R			bool	BI	33006	4 (0x04)	
	644		bFireDamperErrorOpeningRuntime54	Error Opening runtime fire damper 54	R			bool	BI	33006	5 (0x04)	
645		bFireDamperErrorOpeningRuntime55	Error Opening runtime fire damper 55	R			bool	BI	33006	6 (0x04)		
646		bFireDamperErrorOpeningRuntime56	Error Opening runtime fire damper 56	R			bool	BI	33006	7 (0x04)		

ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
647		bFireDamperErrorOpeningRuntime57	Error Opening runtime fire damper 57	R			bool	BI	33006	8 (0x04)	
648		bFireDamperErrorOpeningRuntime58	Error Opening runtime fire damper 58	R			bool	BI	33006	9 (0x04)	
649		bFireDamperErrorOpeningRuntime59	Error Opening runtime fire damper 59	R			bool	BI	33006	10 (0x04)	
650		bFireDamperErrorOpeningRuntime60	Error Opening runtime fire damper 60	R			bool	BI	33006	11 (0x04)	
651		bFireDamperErrorOpeningRuntime61	Error Opening runtime fire damper 61	R			bool	BI	33006	12 (0x04)	
652		bFireDamperErrorOpeningRuntime62	Error Opening runtime fire damper 62	R			bool	BI	33006	13 (0x04)	
653		reserve	reserve		-		bool	BI	33006	14	
654		reserve	reserve		-		bool	BI	33006	15	
655		bFireDamperErrorPositionIndicator1	Error end switch fire damper 1	R			bool	BI	33007	0 (0x04)	
656		bFireDamperErrorPositionIndicator2	Error end switch fire damper 2	R			bool	BI	33007	1 (0x04)	
657		bFireDamperErrorPositionIndicator3	Error end switch fire damper 3	R			bool	BI	33007	2 (0x04)	
658		bFireDamperErrorPositionIndicator4	Error end switch fire damper 4	R			bool	BI	33007	3 (0x04)	
659		bFireDamperErrorPositionIndicator5	Error end switch fire damper 5	R			bool	BI	33007	4 (0x04)	
660		bFireDamperErrorPositionIndicator6	Error end switch fire damper 6	R			bool	BI	33007	5 (0x04)	
661		bFireDamperErrorPositionIndicator7	Error end switch fire damper 7	R			bool	BI	33007	6 (0x04)	
662		bFireDamperErrorPositionIndicator8	Error end switch fire damper 8	R			bool	BI	33007	7 (0x04)	
663		bFireDamperErrorPositionIndicator9	Error end switch fire damper 9	R			bool	BI	33007	8 (0x04)	
664		bFireDamperErrorPositionIndicator10	Error end switch fire damper 10	R			bool	BI	33007	9 (0x04)	
665		bFireDamperErrorPositionIndicator11	Error end switch fire damper 11	R			bool	BI	33007	10 (0x04)	
666		bFireDamperErrorPositionIndicator12	Error end switch fire damper 12	R			bool	BI	33007	11 (0x04)	
667		bFireDamperErrorPositionIndicator13	Error end switch fire damper 13	R			bool	BI	33007	12 (0x04)	
668		bFireDamperErrorPositionIndicator14	Error end switch fire damper 14	R			bool	BI	33007	13 (0x04)	
669		bFireDamperErrorPositionIndicator15	Error end switch fire damper 15	R			bool	BI	33007	14 (0x04)	
670		bFireDamperErrorPositionIndicator16	Error end switch fire damper 16	R			bool	BI	33007	15 (0x04)	
671		bFireDamperErrorPositionIndicator17	Error end switch fire damper 17	R			bool	BI	33008	0 (0x04)	
672		bFireDamperErrorPositionIndicator18	Error end switch fire damper 18	R			bool	BI	33008	1 (0x04)	
673		bFireDamperErrorPositionIndicator19	Error end switch fire damper 19	R			bool	BI	33008	2 (0x04)	
674		bFireDamperErrorPositionIndicator20	Error end switch fire damper 20	R			bool	BI	33008	3 (0x04)	
675		bFireDamperErrorPositionIndicator21	Error end switch fire damper 21	R			bool	BI	33008	4 (0x04)	
676		bFireDamperErrorPositionIndicator22	Error end switch fire damper 22	R			bool	BI	33008	5 (0x04)	
677		bFireDamperErrorPositionIndicator23	Error end switch fire damper 23	R			bool	BI	33008	6 (0x04)	
678		bFireDamperErrorPositionIndicator24	Error end switch fire damper 24	R			bool	BI	33008	7 (0x04)	
679		bFireDamperErrorPositionIndicator25	Error end switch fire damper 25	R			bool	BI	33008	8 (0x04)	
680		bFireDamperErrorPositionIndicator26	Error end switch fire damper 26	R			bool	BI	33008	9 (0x04)	
681		bFireDamperErrorPositionIndicator27	Error end switch fire damper 27	R			bool	BI	33008	10 (0x04)	
682		bFireDamperErrorPositionIndicator28	Error end switch fire damper 28	R			bool	BI	33008	11 (0x04)	
683		bFireDamperErrorPositionIndicator29	Error end switch fire damper 29	R			bool	BI	33008	12 (0x04)	
684		bFireDamperErrorPositionIndicator30	Error end switch fire damper 30	R			bool	BI	33008	13 (0x04)	
685		bFireDamperErrorPositionIndicator31	Error end switch fire damper 31	R			bool	BI	33008	14 (0x04)	
686		bFireDamperErrorPositionIndicator32	Error end switch fire damper 32	R			bool	BI	33008	15 (0x04)	
687		bFireDamperErrorPositionIndicator33	Error end switch fire damper 33	R			bool	BI	33009	0 (0x04)	
688		bFireDamperErrorPositionIndicator34	Error end switch fire damper 34	R			bool	BI	33009	1 (0x04)	
689		bFireDamperErrorPositionIndicator35	Error end switch fire damper 35	R			bool	BI	33009	2 (0x04)	
690		bFireDamperErrorPositionIndicator36	Error end switch fire damper 36	R			bool	BI	33009	3 (0x04)	
691		bFireDamperErrorPositionIndicator37	Error end switch fire damper 37	R			bool	BI	33009	4 (0x04)	
692		bFireDamperErrorPositionIndicator38	Error end switch fire damper 38	R			bool	BI	33009	5 (0x04)	
693		bFireDamperErrorPositionIndicator39	Error end switch fire damper 39	R			bool	BI	33009	6 (0x04)	
694		bFireDamperErrorPositionIndicator40	Error end switch fire damper 40	R			bool	BI	33009	7 (0x04)	
695		bFireDamperErrorPositionIndicator41	Error end switch fire damper 41	R			bool	BI	33009	8 (0x04)	
696		bFireDamperErrorPositionIndicator42	Error end switch fire damper 42	R			bool	BI	33009	9 (0x04)	
697		bFireDamperErrorPositionIndicator43	Error end switch fire damper 43	R			bool	BI	33009	10 (0x04)	
698		bFireDamperErrorPositionIndicator44	Error end switch fire damper 44	R			bool	BI	33009	11 (0x04)	
699		bFireDamperErrorPositionIndicator45	Error end switch fire damper 45	R			bool	BI	33009	12 (0x04)	
700		bFireDamperErrorPositionIndicator46	Error end switch fire damper 46	R			bool	BI	33009	13 (0x04)	
701		bFireDamperErrorPositionIndicator47	Error end switch fire damper 47	R			bool	BI	33009	14 (0x04)	
702		bFireDamperErrorPositionIndicator48	Error end switch fire damper 48	R			bool	BI	33009	15 (0x04)	
703		bFireDamperErrorPositionIndicator49	Error end switch fire damper 49	R			bool	BI	33010	0 (0x04)	
704		bFireDamperErrorPositionIndicator50	Error end switch fire damper 50	R			bool	BI	33010	1 (0x04)	
705		bFireDamperErrorPositionIndicator51	Error end switch fire damper 51	R			bool	BI	33010	2 (0x04)	
706		bFireDamperErrorPositionIndicator52	Error end switch fire damper 52	R			bool	BI	33010	3 (0x04)	
707		bFireDamperErrorPositionIndicator53	Error end switch fire damper 53	R			bool	BI	33010	4 (0x04)	
708		bFireDamperErrorPositionIndicator54	Error end switch fire damper 54	R			bool	BI	33010	5 (0x04)	

ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
709		bFireDamperErrorPositionIndicator55	Error end switch fire damper 55	R			bool	BI	33010	6 (0x04)	
710		bFireDamperErrorPositionIndicator56	Error end switch fire damper 56	R			bool	BI	33010	7 (0x04)	
711		bFireDamperErrorPositionIndicator57	Error end switch fire damper 57	R			bool	BI	33010	8 (0x04)	
712		bFireDamperErrorPositionIndicator58	Error end switch fire damper 58	R			bool	BI	33010	9 (0x04)	
713		bFireDamperErrorPositionIndicator59	Error end switch fire damper 59	R			bool	BI	33010	10 (0x04)	
714		bFireDamperErrorPositionIndicator60	Error end switch fire damper 60	R			bool	BI	33010	11 (0x04)	
715		bFireDamperErrorPositionIndicator61	Error end switch fire damper 61	R			bool	BI	33010	12 (0x04)	
716		bFireDamperErrorPositionIndicator62	Error end switch fire damper 62	R			bool	BI	33010	13 (0x04)	
717		reserve	reserve	-			bool	BI	33010	14	
718		reserve	reserve	-			bool	BI	33010	15	
719		bFireDamper1	Error triggered fire damper 1	R			bool	BI	33011	0 (0x04)	
720		bFireDamper2	Error triggered fire damper 2	R			bool	BI	33011	1 (0x04)	
721		bFireDamper3	Error triggered fire damper 3	R			bool	BI	33011	2 (0x04)	
722		bFireDamper4	Error triggered fire damper 4	R			bool	BI	33011	3 (0x04)	
723		bFireDamper5	Error triggered fire damper 5	R			bool	BI	33011	4 (0x04)	
724		bFireDamper6	Error triggered fire damper 6	R			bool	BI	33011	5 (0x04)	
725		bFireDamper7	Error triggered fire damper 7	R			bool	BI	33011	6 (0x04)	
726		bFireDamper8	Error triggered fire damper 8	R			bool	BI	33011	7 (0x04)	
727		bFireDamper9	Error triggered fire damper 9	R			bool	BI	33011	8 (0x04)	
728		bFireDamper10	Error triggered fire damper 10	R			bool	BI	33011	9 (0x04)	
729		bFireDamper11	Error triggered fire damper 11	R			bool	BI	33011	10 (0x04)	
730		bFireDamper12	Error triggered fire damper 12	R			bool	BI	33011	11 (0x04)	
731		bFireDamper13	Error triggered fire damper 13	R			bool	BI	33011	12 (0x04)	
732		bFireDamper14	Error triggered fire damper 14	R			bool	BI	33011	13 (0x04)	
733		bFireDamper15	Error triggered fire damper 15	R			bool	BI	33011	14 (0x04)	
734		bFireDamper16	Error triggered fire damper 16	R			bool	BI	33011	15 (0x04)	
735		bFireDamper17	Error triggered fire damper 17	R			bool	BI	33012	0 (0x04)	
736		bFireDamper18	Error triggered fire damper 18	R			bool	BI	33012	1 (0x04)	
737		bFireDamper19	Error triggered fire damper 19	R			bool	BI	33012	2 (0x04)	
738		bFireDamper20	Error triggered fire damper 20	R			bool	BI	33012	3 (0x04)	
739		bFireDamper21	Error triggered fire damper 21	R			bool	BI	33012	4 (0x04)	
740		bFireDamper22	Error triggered fire damper 22	R			bool	BI	33012	5 (0x04)	
741		bFireDamper23	Error triggered fire damper 23	R			bool	BI	33012	6 (0x04)	
742		bFireDamper24	Error triggered fire damper 24	R			bool	BI	33012	7 (0x04)	
743		bFireDamper25	Error triggered fire damper 25	R			bool	BI	33012	8 (0x04)	
744		bFireDamper26	Error triggered fire damper 26	R			bool	BI	33012	9 (0x04)	
745		bFireDamper27	Error triggered fire damper 27	R			bool	BI	33012	10 (0x04)	
746		bFireDamper28	Error triggered fire damper 28	R			bool	BI	33012	11 (0x04)	
747		bFireDamper29	Error triggered fire damper 29	R			bool	BI	33012	12 (0x04)	
748		bFireDamper30	Error triggered fire damper 30	R			bool	BI	33012	13 (0x04)	
749		bFireDamper31	Error triggered fire damper 31	R			bool	BI	33012	14 (0x04)	
750		bFireDamper32	Error triggered fire damper 32	R			bool	BI	33012	15 (0x04)	
751		bFireDamper33	Error triggered fire damper 33	R			bool	BI	33013	0 (0x04)	
752		bFireDamper34	Error triggered fire damper 34	R			bool	BI	33013	1 (0x04)	
753		bFireDamper35	Error triggered fire damper 35	R			bool	BI	33013	2 (0x04)	
754		bFireDamper36	Error triggered fire damper 36	R			bool	BI	33013	3 (0x04)	
755		bFireDamper37	Error triggered fire damper 37	R			bool	BI	33013	4 (0x04)	
756		bFireDamper38	Error triggered fire damper 38	R			bool	BI	33013	5 (0x04)	
757		bFireDamper39	Error triggered fire damper 39	R			bool	BI	33013	6 (0x04)	
758		bFireDamper40	Error triggered fire damper 40	R			bool	BI	33013	7 (0x04)	
759		bFireDamper41	Error triggered fire damper 41	R			bool	BI	33013	8 (0x04)	
760		bFireDamper42	Error triggered fire damper 42	R			bool	BI	33013	9 (0x04)	
761		bFireDamper43	Error triggered fire damper 43	R			bool	BI	33013	10 (0x04)	
762		bFireDamper44	Error triggered fire damper 44	R			bool	BI	33013	11 (0x04)	
763		bFireDamper45	Error triggered fire damper 45	R			bool	BI	33013	12 (0x04)	
764		bFireDamper46	Error triggered fire damper 46	R			bool	BI	33013	13 (0x04)	
765		bFireDamper47	Error triggered fire damper 47	R			bool	BI	33013	14 (0x04)	
766		bFireDamper48	Error triggered fire damper 48	R			bool	BI	33013	15 (0x04)	
767		bFireDamper49	Error triggered fire damper 49	R			bool	BI	33014	0 (0x04)	
768		bFireDamper50	Error triggered fire damper 50	R			bool	BI	33014	1 (0x04)	
769		bFireDamper51	Error triggered fire damper 51	R			bool	BI	33014	2 (0x04)	
770		bFireDamper52	Error triggered fire damper 52	R			bool	BI	33014	3 (0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
	771		bFireDamper53	Error triggered fire damper 53	R			bool	BI	33014	4 (0x04)	
	772		bFireDamper54	Error triggered fire damper 54	R			bool	BI	33014	5 (0x04)	
	773		bFireDamper55	Error triggered fire damper 55	R			bool	BI	33014	6 (0x04)	
	774		bFireDamper56	Error triggered fire damper 56	R			bool	BI	33014	7 (0x04)	
	775		bFireDamper57	Error triggered fire damper 57	R			bool	BI	33014	8 (0x04)	
	776		bFireDamper58	Error triggered fire damper 58	R			bool	BI	33014	9 (0x04)	
	777		bFireDamper59	Error triggered fire damper 59	R			bool	BI	33014	10 (0x04)	
	778		bFireDamper60	Error triggered fire damper 60	R			bool	BI	33014	11 (0x04)	
	779		bFireDamper61	Error triggered fire damper 61	R			bool	BI	33014	12 (0x04)	
	780		bFireDamper62	Error triggered fire damper 62	R			bool	BI	33014	13 (0x04)	
	781		reserve	reserve		-		bool	BI	33014	14 (0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
supply air fan 3 to 16	783		bFanCtrlOperationSUP3	controlled value operation signal of the supply air fan 3	R	-		bool	BI	33015	0 (0x04)	
	784		bFanCtrlOperationSUP4	controlled value operation signal of the supply air fan 4	R	-		bool	BI	33015	1 (0x04)	
	785		bFanCtrlOperationSUP5	controlled value operation signal of the supply air fan 5	R	-		bool	BI	33015	2 (0x04)	
	786		bFanCtrlOperationSUP6	controlled value operation signal of the supply air fan 6	R	-		bool	BI	33015	3 (0x04)	
	787		bFanCtrlOperationSUP7	controlled value operation signal of the supply air fan 7	R	-		bool	BI	33015	4 (0x04)	
	788		bFanCtrlOperationSUP8	controlled value operation signal of the supply air fan 8	R	-		bool	BI	33015	5 (0x04)	
	789		bFanCtrlOperationSUP9	controlled value operation signal of the supply air fan 9	R	-		bool	BI	33015	6 (0x04)	
	790		bFanCtrlOperationSUP10	controlled value operation signal of the supply air fan 10	R	-		bool	BI	33015	7 (0x04)	
	791		bFanCtrlOperationSUP11	controlled value operation signal of the supply air fan 11	R	-		bool	BI	33015	8 (0x04)	
	792		bFanCtrlOperationSUP12	controlled value operation signal of the supply air fan 12	R	-		bool	BI	33015	9 (0x04)	
	793		bFanCtrlOperationSUP13	controlled value operation signal of the supply air fan 13	R	-		bool	BI	33015	10 (0x04)	
	794		bFanCtrlOperationSUP14	controlled value operation signal of the supply air fan 14	R	-		bool	BI	33015	11 (0x04)	
	795		bFanCtrlOperationSUP15	controlled value operation signal of the supply air fan 15	R	-		bool	BI	33015	12 (0x04)	
	796		bFanCtrlOperationSUP16	controlled value operation signal of the supply air fan 16	R	-		bool	BI	33015	13 (0x04)	
	797		reserve	reserve	R	-		bool	BI	33015	14 (0x04)	
	798		reserve	reserve	R	-		bool	BI	33015	15 (0x04)	
	799		bFanStateErrorSUP3	TRUE, if internal error supply air fan 3	R	-		bool	BI	33016	0 (0x04)	
	800		bFanStateErrorSUP4	TRUE, if internal error supply air fan 4	R	-		bool	BI	33016	1 (0x04)	
	801		bFanStateErrorSUP5	TRUE, if internal error supply air fan 5	R	-		bool	BI	33016	2 (0x04)	
	802		bFanStateErrorSUP6	TRUE, if internal error supply air fan 6	R	-		bool	BI	33016	3 (0x04)	
	803		bFanStateErrorSUP7	TRUE, if internal error supply air fan 7	R	-		bool	BI	33016	4 (0x04)	
	804		bFanStateErrorSUP8	TRUE, if internal error supply air fan 8	R	-		bool	BI	33016	5 (0x04)	
	805		bFanStateErrorSUP9	TRUE, if internal error supply air fan 9	R	-		bool	BI	33016	6 (0x04)	
	806		bFanStateErrorSUP10	TRUE, if internal error supply air fan 10	R	-		bool	BI	33016	7 (0x04)	
	807		bFanStateErrorSUP11	TRUE, if internal error supply air fan 11	R	-		bool	BI	33016	8 (0x04)	
	808		bFanStateErrorSUP12	TRUE, if internal error supply air fan 12	R	-		bool	BI	33016	9 (0x04)	
	809		bFanStateErrorSUP13	TRUE, if internal error supply air fan 13	R	-		bool	BI	33016	10 (0x04)	
	810		bFanStateErrorSUP14	TRUE, if internal error supply air fan 14	R	-		bool	BI	33016	11 (0x04)	
	811		bFanStateErrorSUP15	TRUE, if internal error supply air fan 15	R	-		bool	BI	33016	12 (0x04)	
	812		bFanStateErrorSUP16	TRUE, if internal error supply air fan 16	R	-		bool	BI	33016	13 (0x04)	
	813		reserve	reserve	R	-		bool	BI	33016	14 (0x04)	
	814		reserve	reserve	R	-		bool	BI	33016	15 (0x04)	
	815		bFanStateErrModbusFuSUP3	TRUE, if modbus communication error with the supply air fan 3				bool	BI	33017	0 (0x04)	
	816		bFanStateErrModbusFuSUP4	TRUE, if modbus communication error with the supply air fan 4	R	-		bool	BI	33017	1 (0x04)	
	817		bFanStateErrModbusFuSUP5	TRUE, if modbus communication error with the supply air fan 5	R	-		bool	BI	33017	2 (0x04)	
	818		bFanStateErrModbusFuSUP6	TRUE, if modbus communication error with the supply air fan 6	R	-		bool	BI	33017	3 (0x04)	
	819		bFanStateErrModbusFuSUP7	TRUE, if modbus communication error with the supply air fan 7	R	-		bool	BI	33017	4 (0x04)	
	820		bFanStateErrModbusFuSUP8	TRUE, if modbus communication error with the supply air fan 8	R	-		bool	BI	33017	5 (0x04)	
	821		bFanStateErrModbusFuSUP9	TRUE, if modbus communication error with the supply air fan 9	R	-		bool	BI	33017	6 (0x04)	
	822		bFanStateErrModbusFuSUP10	TRUE, if modbus communication error with the supply air fan 10	R	-		bool	BI	33017	7 (0x04)	
	823		bFanStateErrModbusFuSUP11	TRUE, if modbus communication error with the supply air fan 11	R	-		bool	BI	33017	8 (0x04)	
	824		bFanStateErrModbusFuSUP12	TRUE, if modbus communication error with the supply air fan 12	R	-		bool	BI	33017	9 (0x04)	
	825		bFanStateErrModbusFuSUP13	TRUE, if modbus communication error with the supply air fan 13	R	-		bool	BI	33017	10 (0x04)	
	826		bFanStateErrModbusFuSUP14	TRUE, if modbus communication error with the supply air fan 14	R	-		bool	BI	33017	11 (0x04)	
	827		bFanStateErrModbusFuSUP15	TRUE, if modbus communication error with the supply air fan 15	R	-		bool	BI	33017	12 (0x04)	
	828		bFanStateErrModbusFuSUP16	TRUE, if modbus communication error with the supply air fan 16	R	-		bool	BI	33017	13 (0x04)	
	829		reserve	reserve	R	-		bool	BI	33017	14 (0x04)	
	830		reserve	reserve	R	-		bool	BI	33017	15 (0x04)	
	201		bFanStateRepairSwitchSUP3	TRUE, if repair switch of the supply air fan is active 3	R	-		bool	BI	33018	0 (0x04)	
	816		bFanStateRepairSwitchSUP4	TRUE, if repair switch of the supply air fan is active 4	R	-		bool	BI	33018	1 (0x04)	
817		bFanStateRepairSwitchSUP5	TRUE, if repair switch of the supply air fan is active 5	R	-		bool	BI	33018	2 (0x04)		
818		bFanStateRepairSwitchSUP6	TRUE, if repair switch of the supply air fan is active 6	R	-		bool	BI	33018	3 (0x04)		
819		bFanStateRepairSwitchSUP7	TRUE, if repair switch of the supply air fan is active 7	R	-		bool	BI	33018	4 (0x04)		
820		bFanStateRepairSwitchSUP8	TRUE, if repair switch of the supply air fan is active 8	R	-		bool	BI	33018	5 (0x04)		
821		bFanStateRepairSwitchSUP9	TRUE, if repair switch of the supply air fan is active 9	R	-		bool	BI	33018	6 (0x04)		
822		bFanStateRepairSwitchSUP10	TRUE, if repair switch of the supply air fan is active 10	R	-		bool	BI	33018	7 (0x04)		
823		bFanStateRepairSwitchSUP11	TRUE, if repair switch of the supply air fan is active 11	R	-		bool	BI	33018	8 (0x04)		
824		bFanStateRepairSwitchSUP12	TRUE, if repair switch of the supply air fan is active 12	R	-		bool	BI	33018	9 (0x04)		
825		bFanStateRepairSwitchSUP13	TRUE, if repair switch of the supply air fan is active 13	R	-		bool	BI	33018	10 (0x04)		
826		bFanStateRepairSwitchSUP14	TRUE, if repair switch of the supply air fan is active 14	R	-		bool	BI	33018	11 (0x04)		
827		bFanStateRepairSwitchSUP15	TRUE, if repair switch of the supply air fan is active 15	R	-		bool	BI	33018	12 (0x04)		
828		bFanStateRepairSwitchSUP16	TRUE, if repair switch of the supply air fan is active 16	R	-		bool	BI	33018	13 (0x04)		
829		reserve	reserve	R	-		bool	BI	33018	14 (0x04)		
830		reserve	reserve	R	-		bool	BI	33018	15 (0x04)		

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
extract air fan 3 to 16	783		bFanCtrlOperationETA3	controlled value operation signal of the extract air fan 3	R	-		bool	BI	33019	0 (0x04)	
	784		bFanCtrlOperationETA4	controlled value operation signal of the extract air fan 4	R	-		bool	BI	33019	1 (0x04)	
	785		bFanCtrlOperationETA5	controlled value operation signal of the extract air fan 5	R	-		bool	BI	33019	2 (0x04)	
	786		bFanCtrlOperationETA6	controlled value operation signal of the extract air fan 6	R	-		bool	BI	33019	3 (0x04)	
	787		bFanCtrlOperationETA7	controlled value operation signal of the extract air fan 7	R	-		bool	BI	33019	4 (0x04)	
	788		bFanCtrlOperationETA8	controlled value operation signal of the extract air fan 8	R	-		bool	BI	33019	5 (0x04)	
	789		bFanCtrlOperationETA9	controlled value operation signal of the extract air fan 9	R	-		bool	BI	33019	6 (0x04)	
	790		bFanCtrlOperationETA10	controlled value operation signal of the extract air fan 10	R	-		bool	BI	33019	7 (0x04)	
	791		bFanCtrlOperationETA11	controlled value operation signal of the extract air fan 11	R	-		bool	BI	33019	8 (0x04)	
	792		bFanCtrlOperationETA12	controlled value operation signal of the extract air fan 12	R	-		bool	BI	33019	9 (0x04)	
	793		bFanCtrlOperationETA13	controlled value operation signal of the extract air fan 13	R	-		bool	BI	33019	10 (0x04)	
	794		bFanCtrlOperationETA14	controlled value operation signal of the extract air fan 14	R	-		bool	BI	33019	11 (0x04)	
	795		bFanCtrlOperationETA15	controlled value operation signal of the extract air fan 15	R	-		bool	BI	33019	12 (0x04)	
	796		bFanCtrlOperationETA16	controlled value operation signal of the extract air fan 16	R	-		bool	BI	33019	13 (0x04)	
	797		reserve	reserve	R	-		bool	BI	33019	14 (0x04)	
	798		reserve	reserve	R	-		bool	BI	33019	15 (0x04)	
	799		bFanStateErrorETA3	TRUE, if internal error extract air fan 3	R	-		bool	BI	33020	0 (0x04)	
	800		bFanStateErrorETA4	TRUE, if internal error extract air fan 4	R	-		bool	BI	33020	1 (0x04)	
	801		bFanStateErrorETA5	TRUE, if internal error extract air fan 5	R	-		bool	BI	33020	2 (0x04)	
	802		bFanStateErrorETA6	TRUE, if internal error extract air fan 6	R	-		bool	BI	33020	3 (0x04)	
	803		bFanStateErrorETA7	TRUE, if internal error extract air fan 7	R	-		bool	BI	33020	4 (0x04)	
	804		bFanStateErrorETA8	TRUE, if internal error extract air fan 8	R	-		bool	BI	33020	5 (0x04)	
	805		bFanStateErrorETA9	TRUE, if internal error extract air fan 9	R	-		bool	BI	33020	6 (0x04)	
	806		bFanStateErrorETA10	TRUE, if internal error extract air fan 10	R	-		bool	BI	33020	7 (0x04)	
	807		bFanStateErrorETA11	TRUE, if internal error extract air fan 11	R	-		bool	BI	33020	8 (0x04)	
	808		bFanStateErrorETA12	TRUE, if internal error extract air fan 12	R	-		bool	BI	33020	9 (0x04)	
	809		bFanStateErrorETA13	TRUE, if internal error extract air fan 13	R	-		bool	BI	33020	10 (0x04)	
	810		bFanStateErrorETA14	TRUE, if internal error extract air fan 14	R	-		bool	BI	33020	11 (0x04)	
	811		bFanStateErrorETA15	TRUE, if internal error extract air fan 15	R	-		bool	BI	33020	12 (0x04)	
	812		bFanStateErrorETA16	TRUE, if internal error extract air fan 16	R	-		bool	BI	33020	13 (0x04)	
	813		reserve	reserve	R	-		bool	BI	33020	14 (0x04)	
	814		reserve	reserve	R	-		bool	BI	33020	15 (0x04)	
	815		bFanStateErrModbusFuETA3	TRUE, if modbus communication error with the extract air fan 3				bool	BI	33021	0 (0x04)	
	816		bFanStateErrModbusFuETA4	TRUE, if modbus communication error with the extract air fan 4	R	-		bool	BI	33021	1 (0x04)	
	817		bFanStateErrModbusFuETA5	TRUE, if modbus communication error with the extract air fan 5	R	-		bool	BI	33021	2 (0x04)	
	818		bFanStateErrModbusFuETA6	TRUE, if modbus communication error with the extract air fan 6	R	-		bool	BI	33021	3 (0x04)	
	819		bFanStateErrModbusFuETA7	TRUE, if modbus communication error with the extract air fan 7	R	-		bool	BI	33021	4 (0x04)	
	820		bFanStateErrModbusFuETA8	TRUE, if modbus communication error with the extract air fan 8	R	-		bool	BI	33021	5 (0x04)	
	821		bFanStateErrModbusFuETA9	TRUE, if modbus communication error with the extract air fan 9	R	-		bool	BI	33021	6 (0x04)	
	822		bFanStateErrModbusFuETA10	TRUE, if modbus communication error with the extract air fan 10	R	-		bool	BI	33021	7 (0x04)	
	823		bFanStateErrModbusFuETA11	TRUE, if modbus communication error with the extract air fan 11	R	-		bool	BI	33021	8 (0x04)	
	824		bFanStateErrModbusFuETA12	TRUE, if modbus communication error with the extract air fan 12	R	-		bool	BI	33021	9 (0x04)	
	825		bFanStateErrModbusFuETA13	TRUE, if modbus communication error with the extract air fan 13	R	-		bool	BI	33021	10 (0x04)	
	826		bFanStateErrModbusFuETA14	TRUE, if modbus communication error with the extract air fan 14	R	-		bool	BI	33021	11 (0x04)	
	827		bFanStateErrModbusFuETA15	TRUE, if modbus communication error with the extract air fan 15	R	-		bool	BI	33021	12 (0x04)	
	828		bFanStateErrModbusFuETA16	TRUE, if modbus communication error with the extract air fan 16	R	-		bool	BI	33021	13 (0x04)	
	829		reserve	reserve	R	-		bool	BI	33021	14 (0x04)	
	830		reserve	reserve	R	-		bool	BI	33021	15 (0x04)	
	201		bFanStateRepairSwitchETA3	TRUE, if repair switch of the extract air fan is active 3	R	-		bool	BI	33022	0 (0x04)	
	816		bFanStateRepairSwitchETA4	TRUE, if repair switch of the extract air fan is active 4	R	-		bool	BI	33022	1 (0x04)	
	817		bFanStateRepairSwitchETA5	TRUE, if repair switch of the extract air fan is active 5	R	-		bool	BI	33022	2 (0x04)	
	818		bFanStateRepairSwitchETA6	TRUE, if repair switch of the extract air fan is active 6	R	-		bool	BI	33022	3 (0x04)	
	819		bFanStateRepairSwitchETA7	TRUE, if repair switch of the extract air fan is active 7	R	-		bool	BI	33022	4 (0x04)	
	820		bFanStateRepairSwitchETA8	TRUE, if repair switch of the extract air fan is active 8	R	-		bool	BI	33022	5 (0x04)	
	821		bFanStateRepairSwitchETA9	TRUE, if repair switch of the extract air fan is active 9	R	-		bool	BI	33022	6 (0x04)	
	822		bFanStateRepairSwitchETA10	TRUE, if repair switch of the extract air fan is active 10	R	-		bool	BI	33022	7 (0x04)	
	823		bFanStateRepairSwitchETA11	TRUE, if repair switch of the extract air fan is active 11	R	-		bool	BI	33022	8 (0x04)	
	824		bFanStateRepairSwitchETA12	TRUE, if repair switch of the extract air fan is active 12	R	-		bool	BI	33022	9 (0x04)	
	825		bFanStateRepairSwitchETA13	TRUE, if repair switch of the extract air fan is active 13	R	-		bool	BI	33022	10 (0x04)	
	826		bFanStateRepairSwitchETA14	TRUE, if repair switch of the extract air fan is active 14	R	-		bool	BI	33022	11 (0x04)	
	827		bFanStateRepairSwitchETA15	TRUE, if repair switch of the extract air fan is active 15	R	-		bool	BI	33022	12 (0x04)	
	828		bFanStateRepairSwitchETA16	TRUE, if repair switch of the extract air fan is active 16	R	-		bool	BI	33022	13 (0x04)	
	829		reserve	reserve	R	-		bool	BI	33022	14 (0x04)	
	830		reserve	reserve	R	-		bool	BI	33022	15 (0x04)	

	ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
electrical preheater	831		bPreEHeatStateFlowDetector		R			bool	BI	33024	0 (0x04)	
	832		bPreEHeatStateErrTempLimiter		R			bool	BI	33024	1 (0x04)	
	833		bPreEHeatStateErrTempWarning		R			bool	BI	33024	2 (0x04)	
	834		bPreEHeatCtrlON		R			bool	BI	33024	3 (0x04)	
	835		fPreEHeatCtrlPower		R	%	1	uint	AI	33025	0-15 (0x04)	
	836		reserve	reserve						33026		
	837		reserve	reserve						33027		
electrical reheater	838		bReEHeatStateFlowDetector		R			bool	BI	33028	0 (0x04)	
	839		bReEHeatStateErrTempLimiter		R			bool	BI	33028	1 (0x04)	
	840		bReEHeatStateErrTempWarning		R			bool	BI	33028	2 (0x04)	
	841		bReEHeatCtrlON		R			bool	BI	33028	3 (0x04)	
	842		fReEHeatCtrlPower		R	%	1	uint	AI	33029	(0x04)	
	843		reserve	reserve						33030		
	844		reserve	reserve						33031		
external cooling	845		bExternalChillerError		R			bool	BI	33032	0 (0x04)	
	846		bExternalChillerStateOn		R			bool	BI	33032	1 (0x04)	
	847		bExternalChillerCtrlOn		R			bool	BI	33032	2 (0x04)	
	848		fExternalChillerCtrlPower		R	%	1	uint	AI	33033	0-15 (0x04)	
	849		reserve	reserve						33034		
	850		reserve	reserve						33035		
	851		reserve	reserve						33036		
humidifier	852		bHumidifierStateActive		R			bool	BI	33037	0 (0x04)	
	853		bHumidifierStateError		R			bool	BI	33037	1 (0x04)	
	854		bHumidifierStateOn		R			bool	BI	33037	2 (0x04)	
	855		bHumidifierStateHygrostat		R			bool	BI	33037	3	
	856		bHumidifierStateService		R			bool	BI	33037	4	
	857		bHumidifierCtrlClean		R			bool	BI	33037	5	
	858		bHumidifierCtrlOn		R			bool	BI	33037	6	
	859		fHumidifierCtrlPower		R	%		uint	AI	33038	0-15 (0x04)	
	860		reserve	reserve						33039		
	861		reserve	reserve						33040		
862		reserve	reserve						33041			
heat pump 1	863		bHeatPumpStateError1		R			bool	BI	33042	0 (0x04)	
	864		bHeatPumpStateDeicing1		R			bool	BI	33042	1 (0x04)	
	865		bHeatPumpStateHeating1		R			bool	BI	33042	2 (0x04)	
	866		bHeatPumpStateOperation1		R			bool	BI	33042	3	
	867		bHeatPumpCtrlCooling1		R			bool	BI	33042	4	
	868		bHeatPumpCtrlHeating1		R			bool	BI	33042	5	
	869		bHeatPumpCtrlRelease1		R			bool	BI	33042	6	
	870		fHeatPumpCtrlPower1		R	%		uint	AI	33043	0-15 (0x04)	
	871		reserve	reserve						33044		
	872		reserve	reserve						33045		
	873		reserve	reserve						33046		
heat pump 2	874		bHeatPumpStateError2		R			bool	BI	33047	0 (0x04)	
	875		bHeatPumpStateDeicing2		R			bool	BI	33047	1 (0x04)	
	876		bHeatPumpStateHeating2		R			bool	BI	33047	2 (0x04)	
	877		bHeatPumpStateOperation2		R			bool	BI	33047	3	
	878		bHeatPumpCtrlCooling2		R			bool	BI	33047	4	
	879		bHeatPumpCtrlHeating2		R			bool	BI	33047	5	
	880		bHeatPumpCtrlRelease2		R			bool	BI	33047	6	
	881		fHeatPumpCtrlPower2		R	%		uint	AI	33048	0-15 (0x04)	
	882		reserve	reserve						33049		
	883		reserve	reserve						33050		
	884		reserve	reserve						33051		
heat pump 3	885		bHeatPumpStateError3		R			bool	BI	33052	0 (0x04)	
	886		bHeatPumpStateDeicing3		R			bool	BI	33052	1 (0x04)	
	887		bHeatPumpStateHeating3		R			bool	BI	33052	2 (0x04)	
	888		bHeatPumpStateOperation3		R			bool	BI	33052	3	
	889		bHeatPumpCtrlCooling3		R			bool	BI	33052	4	
	890		bHeatPumpCtrlHeating3		R			bool	BI	33052	5	
	891		bHeatPumpCtrlRelease3		R			bool	BI	33052	6	
	892		fHeatPumpCtrlPower3		R	%		uint	AI	33053	0-15 (0x04)	
	893		reserve	reserve						33054		
	894		reserve	reserve						33055		
	895		reserve	reserve						33056		

		ID	present	datapoint TAG	description	R/W	unit	scal.	data-type	object-type	modbus reg	BIT	modbus-function
heat pump 4		896		bHeatPumpStateError4		R			bool	BI	33057	0 (0x04)	
		897		bHeatPumpStateDeicing4		R			bool	BI	33057	1 (0x04)	
		898		bHeatPumpStateHeating4		R			bool	BI	33057	2 (0x04)	
		899		bHeatPumpStateOperation4		R			bool	BI	33057	3	
		900		bHeatPumpCtrlCooling4		R			bool	BI	33057	4	
		901		bHeatPumpCtrlHeating4		R			bool	BI	33057	5	
		902		bHeatPumpCtrlRelease4		R			bool	BI	33057	6	
		903		fHeatPumpCtrlPower4		R	%		uint	AI	33058	0-15 (0x04)	
		904		reserve	reserve						33059		
		905		reserve	reserve						33060		
		904		reserve	reserve						33061		