

Data point list Modbus/TCP integrated refrigeration

D: important data points

S: system specific data points

default BACnet Device ID: 105001

no.	D/S	group	object name	description	R/W	unit	object type	values	object instance
1	D	system data	bInResetErrors	reset all errors	W		4 (BO)	ACTIVE = reset	2
2	D	system data	eInSystemMode	AHU operation mode	W	(95)	1 (AO)	0 = off; 1 = manual mode; 2 = auto mode	5
3	D	setpoints	fInPowerDemandIC	power demand 0...100% of the integrated refrigerating (standalone only)	W	% (98)	1 (AO)		18
4	D	current operation mode	eOutPVOperationMode	current operation mode of the air handling unit.	R	(95)	0 (AI)	0 = off; 1 = standby; 2 = control; 7 = manual	104
5	D	integrated refrigerating	bOutIKMsgSuperHeatingController	error super heating controller	R		3 (BI)	ACTIVE = alarm	611
6		integrated refrigerating	bOutIKMsgOilManagement	oil management error	R		3 (BI)	ACTIVE = alarm	608
7		integrated refrigerating	bOutIKMsgHighPressure	high pressure error	R		3 (BI)	ACTIVE = alarm	610
8		integrated refrigerating	bOutIKMsgLowPressure	low pressure error	R		3 (BI)	ACTIVE = alarm	609
9		integrated refrigerating	bOutIKCtrlPWM1	actuating value pwm compressor 1	R		3 (BI)	ACTIVE = on	615
10	D	integrated refrigerating	bOutIKCtrlPWM2	actuating value pwm compressor 2	R		3 (BI)	ACTIVE = on	616
11	S	integrated refrigerating	bOutIKMsgMotorProtection1	motor protection triggered first compressor	R		3 (BI)	ACTIVE = alarm	612
12	D	integrated refrigerating	bOutIKMsgMotorProtection2	motor protection triggered second compressor	R		3 (BI)	ACTIVE = alarm	613
13	S	integrated refrigerating	bOutIKCtrlSoftStarterOn1	actuating value soft starter compressor 1	R		3 (BI)	ACTIVE = on	618
14		integrated refrigerating	bOutIKCtrlSoftStarterOn2	actuating value soft starter compressor 2	R		3 (BI)	ACTIVE = on	619
15		integrated refrigerating	bOutIKMsgHighTemp	error - high compressor end temperature	R		3 (BI)	ACTIVE = alarm	621
16		integrated refrigerating	bOutIKMsgEAPComError	comm. error with the EAP-Modul	R		3 (BI)	ACTIVE = alarm	622