

Data point list Modbus/TCP integrated refrigeration

D: important data points
S: system specific data points

default IP address: 192.168.0.180 OR 192.168.0.200
Modbus/TCP port: 502

no.	D/S	group	datapoint	description	R/W	unit	scal e	data type	values	register	bit	function code
1	D	system data	eSystemMode	AHU operation mode	R/W			uint	0 = off; 1 = manual mode; 2 = auto mode	32769		(0x03; 0x06)
2	D	system data	nResetErrors	reset all errors, auto returns to 0	R/W			int	1 = reset	32771		(0x03; 0x06)
3	D	setpoints	rInputPowerDemandIC	power demand 0...100% of the integrated refrigerating (standalone only)	R/W	%		uint		32798		(0x03; 0x06)
4	D	system data	eEventNotification	notification of alarm class	R			uint	0 = no alarm; 1 = warning (B-alarm); 2 = critical (A-alarm)	32769		(0x04)
5	D	current operation mode	eOperationMode	current operation mode of the air handling unit.	R			uint	0 = off; 1 = standby; 2 = control; 7 = manual	32942		(0x04)
6		integrated refrigerating	bMsgErrorSuperHeatingController	error super heating controller	R			bool	TRUE = alarm	32985	0	(0x04)
7		integrated refrigerating	bMsgOilManagement	oil management error	R			bool	TRUE = alarm	32985	1	(0x04)
8		integrated refrigerating	bMsgHighPressure	high pressure error	R			bool	TRUE = alarm	32985	2	(0x04)
9		integrated refrigerating	bMsgLowPressure	low pressure error	R			bool	TRUE = alarm	32985	3	(0x04)
10	D	integrated refrigerating	bCompressorPWM [1]	actuating value pwm compressor 1	R			bool	TRUE = on	32985	4	(0x04)
11	S	integrated refrigerating	bCompressorPWM [2]	actuating value pwm compressor 2	R			bool	TRUE = on	32985	5	(0x04)
12	D	integrated refrigerating	arCompMotorProtection [1]	motor protection triggered first compressor	R			bool	TRUE = alarm	32985	7	(0x04)
13	S	integrated refrigerating	arCompMotorProtection [2]	motor protection triggered second compressor	R			bool	TRUE = alarm	32985	8	(0x04)
14		integrated refrigerating	arSoftStarterOn [1]	actuating value soft starter compressor 1	R			bool	TRUE = on	32985	10	(0x04)
15		integrated refrigerating	arSoftStarterOn [2]	actuating value soft starter compressor 2	R			bool	TRUE = on	32985	11	(0x04)
16		integrated refrigerating	bMsgHighTemp	error - high compressor end temperature	R			bool	TRUE = alarm	32985	13	(0x04)
17		integrated refrigerating	bEAPComError	comm. error with the EAP-Modul	R			bool	TRUE = alarm	32985	14	(0x04)