

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) |
| 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) |