# RESOL VBus/Modbus Configuration

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| --- | --- |
| Filename: | RESOL\_DeltaTherm\_PV\_ModbusConfig\_1.0.1.cbor |
| ID: | RESOL\_DeltaTherm\_PV |
| Version: | 1.0.1 |
| Build at: | 2021-04-16 04:26 |

### Coils (Type 0)

No values defined!

### Discrete Inputs (Type 1)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | Operating state Off | 1 |  |
| 1 | Operating state Error | 1 |  |
| 2 | Operating state Ready | 1 |  |
| 3 | Operating state Heating | 1 |  |
| 4 | Function status Max. temp. | 1 |  |
| 5 | Function status Power reduced | 1 |  |
| 6 | !Sensor module bus communication disturbed | 1 |  |
| 7 | !Sensor fault | 1 |  |
| 8 | !Fan fault | 1 |  |
| 9 | !Max. temp. controller | 1 |  |
| 10 | !Date/Time | 1 |  |
| 11 | !Fan warning | 1 |  |

### Input Registers (Type 3)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | Power Excess (bits 16..31) | 0.001 | W |
| 1 | Power Excess (bits 0..15) | 0.001 | W |
| 2 | Power Heating (bits 16..31) | 0.001 | W |
| 3 | Power Heating (bits 0..15) | 0.001 | W |
| 4 | Temperature Store (sensor 1) | 0.1 | °C |
| 5 | Temperature sensor 2 | 0.1 | °C |
| 6 | Temperature sensor 3 | 0.1 | °C |
| 7 | Excess (bits 16..31) | 1 | Wh |
| 8 | Excess (bits 0..15) | 1 | Wh |
| 9 | Heating (bits 16..31) | 1 | Wh |
| 10 | Heating (bits 0..15) | 1 | Wh |
| 11 | Operating seconds heating (bits 16..31) | 1 | h |
| 12 | Operating seconds heating (bits 0..15) | 1 | h |
| 13 | Parameter Max. temp. (S1) | 0.1 | °C |
| 14 | Paramter Reserve | 1 | W |
| 15 | System date (bits 16..31) | 1 |  |
| 16 | System date (bits 0..15) | 1 |  |

### Holding Registers (Type 4)

No values defined!