# RESOL VBus/Modbus Configuration

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| --- | --- |
| Filename: | RESOL\_DeltaSol\_ES\_ModbusConfig\_1.0.0.cbor |
| ID: | RESOL\_DeltaSol\_ES |
| Version: | 1.0.0 |
| Build at: | 2022-08-10 09:17 |

### Coils (Type 0)

No values defined!

### Discrete Inputs (Type 1)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | DeltaSol ESRelay 4 | 1 |  |
| 1 | DeltaSol ESRelay 5 | 1 |  |
| 2 | DeltaSol ESRelay 6 | 1 |  |
| 3 | DeltaSol ESOption: collector cooling | 1 |  |
| 4 | DeltaSol ESOption: collector minimum limitation | 1 |  |
| 5 | DeltaSol ESOption: Frost protection function | 1 |  |
| 6 | DeltaSol ESOption: tube collector function | 1 |  |
| 7 | DeltaSol ESOption: recooling | 1 |  |
| 8 | DeltaSol ESOption: heat quantity measurement | 1 |  |

### Input Registers (Type 3)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | DeltaSol ESTemperature sensor 1 | 0.1 | °C |
| 1 | DeltaSol ESTemperature sensor 2 | 0.1 | °C |
| 2 | DeltaSol ESTemperature sensor 3 | 0.1 | °C |
| 3 | DeltaSol ESTemperature sensor 4 | 0.1 | °C |
| 4 | DeltaSol ESTemperature sensor 5 | 0.1 | °C |
| 5 | DeltaSol ESTemperature sensor 6 | 0.1 | °C |
| 6 | DeltaSol ESTemperature sensor 7 | 0.1 | °C |
| 7 | DeltaSol ESTemperature sensor 8 | 0.1 | °C |
| 8 | DeltaSol ESFlow rate | 0.01 | m³/h |
| 9 | DeltaSol ESIrradiation | 1 | W/m² |
| 10 | DeltaSol ESPump speed 1 | 1 | % |
| 11 | DeltaSol ESPump speed 2 | 1 | % |
| 12 | DeltaSol ESPump speed 3 | 1 | % |
| 13 | DeltaSol ESSystem time | 1 |  |
| 14 | DeltaSol ESScheme | 1 |  |
| 15 | DeltaSol ESOperating hours 1 | 1 | h |
| 16 | DeltaSol ESOperating hours 2 | 1 | h |
| 17 | DeltaSol ESOperating hours 3 | 1 | h |
| 18 | DeltaSol ESOperating hours 4 | 1 | h |
| 19 | DeltaSol ESOperating hours 5 | 1 | h |
| 20 | DeltaSol ESOperating hours 6 | 1 | h |
| 21 | DeltaSol ESHeat quantity (bits 32..47) | 1 | Wh |
| 22 | DeltaSol ESHeat quantity (bits 16..31) | 1 | Wh |
| 23 | DeltaSol ESHeat quantity (bits 0..15) | 1 | Wh |

### Holding Registers (Type 4)

No values defined!