# RESOL VBus/Modbus Configuration

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| --- | --- |
| Filename: | RESOL\_DeltaSol\_SLT\_ModbusConfig\_1.0.1.cbor |
| ID: | RESOL\_DeltaSol\_SLT |
| Version: | 1.0.1 |
| Build at: | 2021-04-16 04:25 |

### Coils (Type 0)

No values defined!

### Discrete Inputs (Type 1)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | Error: Sensor line broken | 1 |  |
| 1 | Error: Sensor line short-circuited | 1 |  |
| 2 | Error: Flow rate monitoring | 1 |  |
| 3 | Error: Overpressure | 1 |  |
| 4 | Error: Low pressure | 1 |  |
| 5 | Error: Data memory | 1 |  |
| 6 | Error: Real-time clock | 1 |  |
| 7 | Error: Twin pump | 1 |  |
| 8 | Warning: ΔT too high | 1 |  |
| 9 | Warning: Night circulation | 1 |  |
| 10 | Warning: Flow/Return interchanged | 1 |  |
| 11 | Warning: Maximum store temperature | 1 |  |
| 12 | Error: SD card | 1 |  |

### Input Registers (Type 3)

|  |  |  |  |
| --- | --- | --- | --- |
| Address | Description | Factor | Unit |
| 0 | System date (bits 16..31) | 1 |  |
| 1 | System date (bits 0..15) | 1 |  |
| 2 | Temperature sensor 1 | 0.1 | °C |
| 3 | Temperature sensor 2 | 0.1 | °C |
| 4 | Temperature sensor 3 | 0.1 | °C |
| 5 | Temperature sensor 4 | 0.1 | °C |
| 6 | Temperature sensor 5 | 0.1 | °C |
| 7 | Temperature VFS/RPS (S6) | 0.1 | °C |
| 8 | Flow rate V40 (bits 16..31) | 1 | l/h |
| 9 | Flow rate V40 (bits 0..15) | 1 | l/h |
| 10 | Flow rate VFS (S6) (bits 16..31) | 1 | l/h |
| 11 | Flow rate VFS (S6) (bits 0..15) | 1 | l/h |
| 12 | Flow rate Flowrotor (S7) (bits 16..31) | 1 | l/h |
| 13 | Flow rate Flowrotor (S7) (bits 0..15) | 1 | l/h |
| 14 | Pressure RPS (S6) | 0.01 | bar |
| 15 | Pump speed relay 1 | 1 | % |
| 16 | Pump speed relay 2 | 1 | % |
| 17 | Pump speed relay 3 | 1 | % |
| 18 | Pump speed relay 4 | 1 | % |
| 19 | PWM A | 1 | % |
| 20 | PWM B | 1 | % |
| 21 | Error mask (bits 16..31) | 1 |  |
| 22 | Error mask (bits 0..15) | 1 |  |
| 23 | Warning mask (bits 16..31) | 1 |  |
| 24 | Warning mask (bits 0..15) | 1 |  |
| 25 | Heat In total (bits 16..31) | 1 | Wh |
| 26 | Heat In total (bits 0..15) | 1 | Wh |
| 27 | Heat Today (bits 16..31) | 1 | Wh |
| 28 | Heat Today (bits 0..15) | 1 | Wh |
| 29 | Heat Yesterday (bits 16..31) | 1 | Wh |
| 30 | Heat Yesterday (bits 0..15) | 1 | Wh |
| 31 | Heat Week (bits 16..31) | 1 | Wh |
| 32 | Heat Week (bits 0..15) | 1 | Wh |
| 33 | Heat Previous week (bits 16..31) | 1 | Wh |
| 34 | Heat Previous week (bits 0..15) | 1 | Wh |
| 35 | Heat Month (bits 16..31) | 1 | Wh |
| 36 | Heat Month (bits 0..15) | 1 | Wh |
| 37 | Heat Previuos month (bits 16..31) | 1 | Wh |
| 38 | Heat Previuos month (bits 0..15) | 1 | Wh |
| 39 | Heat Year (bits 16..31) | 1 | Wh |
| 40 | Heat Year (bits 0..15) | 1 | Wh |
| 41 | Heat Previous year (bits 16..31) | 1 | Wh |
| 42 | Heat Previous year (bits 0..15) | 1 | Wh |
| 43 | Volume in total (bits 16..31) | 1 | l |
| 44 | Volume in total (bits 0..15) | 1 | l |
| 45 | Volume today (bits 16..31) | 1 | l |
| 46 | Volume today (bits 0..15) | 1 | l |
| 47 | Volume yesterday (bits 16..31) | 1 | l |
| 48 | Volume yesterday (bits 0..15) | 1 | l |
| 49 | Volume week (bits 16..31) | 1 | l |
| 50 | Volume week (bits 0..15) | 1 | l |
| 51 | Volume previous week (bits 16..31) | 1 | l |
| 52 | Volume previous week (bits 0..15) | 1 | l |
| 53 | Volume month (bits 16..31) | 1 | l |
| 54 | Volume month (bits 0..15) | 1 | l |
| 55 | Volume previous month (bits 16..31) | 1 | l |
| 56 | Volume previous month (bits 0..15) | 1 | l |
| 57 | Volume year (bits 16..31) | 1 | l |
| 58 | Volume year (bits 0..15) | 1 | l |
| 59 | Volume previous year (bits 16..31) | 1 | l |
| 60 | Volume previous year (bits 0..15) | 1 | l |
| 61 | Power (bits 16..31) | 0.001 | kW |
| 62 | Power (bits 0..15) | 0.001 | kW |
| 63 | Heat In total (bits 16..31) | 1 | Wh |
| 64 | Heat In total (bits 0..15) | 1 | Wh |
| 65 | Heat Today (bits 16..31) | 1 | Wh |
| 66 | Heat Today (bits 0..15) | 1 | Wh |
| 67 | Heat Yesterday (bits 16..31) | 1 | Wh |
| 68 | Heat Yesterday (bits 0..15) | 1 | Wh |
| 69 | Heat Week (bits 16..31) | 1 | Wh |
| 70 | Heat Week (bits 0..15) | 1 | Wh |
| 71 | Heat Previous week (bits 16..31) | 1 | Wh |
| 72 | Heat Previous week (bits 0..15) | 1 | Wh |
| 73 | Heat Month (bits 16..31) | 1 | Wh |
| 74 | Heat Month (bits 0..15) | 1 | Wh |
| 75 | Heat Previuos month (bits 16..31) | 1 | Wh |
| 76 | Heat Previuos month (bits 0..15) | 1 | Wh |
| 77 | Heat Year (bits 16..31) | 1 | Wh |
| 78 | Heat Year (bits 0..15) | 1 | Wh |
| 79 | Heat Previous year (bits 16..31) | 1 | Wh |
| 80 | Heat Previous year (bits 0..15) | 1 | Wh |
| 81 | Volume in total (bits 16..31) | 1 | l |
| 82 | Volume in total (bits 0..15) | 1 | l |
| 83 | Volume today (bits 16..31) | 1 | l |
| 84 | Volume today (bits 0..15) | 1 | l |
| 85 | Volume yesterday (bits 16..31) | 1 | l |
| 86 | Volume yesterday (bits 0..15) | 1 | l |
| 87 | Volume week (bits 16..31) | 1 | l |
| 88 | Volume week (bits 0..15) | 1 | l |
| 89 | Volume previous week (bits 16..31) | 1 | l |
| 90 | Volume previous week (bits 0..15) | 1 | l |
| 91 | Volume month (bits 16..31) | 1 | l |
| 92 | Volume month (bits 0..15) | 1 | l |
| 93 | Volume previous month (bits 16..31) | 1 | l |
| 94 | Volume previous month (bits 0..15) | 1 | l |
| 95 | Volume year (bits 16..31) | 1 | l |
| 96 | Volume year (bits 0..15) | 1 | l |
| 97 | Volume previous year (bits 16..31) | 1 | l |
| 98 | Volume previous year (bits 0..15) | 1 | l |
| 99 | Power (bits 16..31) | 0.001 | kW |
| 100 | Power (bits 0..15) | 0.001 | kW |

### Holding Registers (Type 4)

No values defined!