

16.14 KOSTAL

Overview

Kostal protocol is used to communicate with Kostal devices over serial communication.

Configuration

Kostal parameters for *Device* tab

| Parameter | Type | Description | Required | Default value (when not specified) | Range | |
|---------------|---------|---|----------|---------------------------------------|---|-------|
| | | | | | Min | Max |
| name | string | User-friendly device name | Yes | | | |
| description | string | Description of a device | No | | | |
| device_alias | string | Alphanumeric string to identify a device | Yes | | | |
| enable | boolean | Enabling/disabling of a device | No | 1 | 0 | 1 |
| protocol | string | Protocol to be used. | Yes | | kostal | |
| id | integer | Kostal device id | Yes | | | |
| device | | Communication port | Yes | | PORT1 | PORT2 |
| baudrate | integer | Communication speed (bauds/s) | No | 9600 | 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 | |
| databits | integer | Data bit count for communication | No | 8 | 6 | 9 |
| stopbits | integer | Stop bit count for communication | No | 1 | 1 | 2 |
| parity | string | Communication parity option | No | none | none, even, odd | |
| scan_rate_ms | integer | Delay before closing serial port in milliseconds | No | 10000 | | |
| poll_delay_ms | integer | Minimum time delay in milliseconds to wait before sending any data on port. | No | 200 | | |
| timeout_ms | integer | Timeout of waiting for incoming request in milliseconds | Yes | | 0 | 60000 |

Kostal parameters for *Signals* tab

| Parameter | Type | Description | Required | Default value (when not specified) | Range | |
|-----------|------|-------------|----------|---------------------------------------|-------|--|
| | | | | | | |

| | | | | | Min | Max |
|---------------------|---------|--|-----|---|-----|-----|
| signal_name | string | User-friendly signal name | Yes | | | |
| device_alias | string | Device alias from a Devices tab | Yes | | | |
| signal_alias | string | Unique alphanumeric name of the signal to be used | Yes | | | |
| enable | boolean | Enabling/disabling of an individual signal | No | 1 | 0 | 1 |
| log | integer | Enable logging in event log | No | 0 | | |
| number_type | string | Type of a number (FLOAT, DOUBLE, DIGITAL, etc.) | Yes | | | |
| job_todo | string | Tag job as single or multiple comma separated OBIS codes | Yes | | | |
| tag_job_todo | string | Tag sub job | Yes | | | |
| pulse_short_time_ms | integer | Time interval for short output pulse to stay active | No | 0 | | |
| pulse_long_time_ms | integer | Time interval for long output pulse to stay active | No | 0 | | |

🔄Revision #4

★Created 20 December 2022 11:56:14 by Gabriele

✎Updated 20 July 2023 08:36:30 by Gabriele