

Simple EVSE WB

Die Revision kann über das Modbus Register 1005 ausgelesen werden.

Revision	Datum	Änderungsbeschreibung
18	01.06.2021	<ul style="list-style-type: none"> when a communication is enabled (e.g. RS485) then current limiting function is available on RC2 pin
17	25.06.2020	<ul style="list-style-type: none"> stricter CP signal check (pilot low decision level, shorted diode)
16	16.03.2020	<ul style="list-style-type: none"> pullup resistor on AN input can be enabled and disabled now (default = enabled, register 2005)
15	17.02.2020	<ul style="list-style-type: none"> Metrel Diode Test shortage functionality on CP to GND added
14	---	<ul style="list-style-type: none"> not published
13	02.12.2019	<ul style="list-style-type: none"> vehicle status D (charging area ventilation required, 3V) implemented (to be enabled or disabled in register 2005)
12	26.04.2019	<ul style="list-style-type: none"> RX buffer limit fix (mainly for RS485 systems)
11	10.12.2018	<ul style="list-style-type: none"> improved CP signal check (implements status E), requires feedback resistor 100k (rev3 board R20, rev2 board R13, DIN version R21) if you do not upgrade feedback resistor, do not use firmware 11+
10	30.10.2018	<ul style="list-style-type: none"> fix evse status register 1002 initial value (probably caused problems in OpenWB) modbus timeout set to 5 steps
9	28.08.2018	<ul style="list-style-type: none"> combined code for EVSE DIN 485 and EVSE WB (but 2 different hex files) uart communication fix (RX overflow error check) weak pullup disabled for PP detection pin - modbus timeout set to 3 steps
8	31.10.2017	<ul style="list-style-type: none"> added "disable EVSE after charge" bit (register 2005) fixed issue with voltage AN input - now follows minimum amps and does not turn off
7	23.06.2017	<ul style="list-style-type: none"> interrupt routine rewritten (modbus communication) correct vehicle status update, if pwm is not being generated
6	07.06.2017	<ul style="list-style-type: none"> new configuration bits, register 2005 (disable EVSE, interrupt charging, change current) error code signalization
5	03.05.2017	<ul style="list-style-type: none"> fixed current limit based on cable PP resistor (and analog pin input)
4	26.04.2017	<ul style="list-style-type: none"> fixed amps value from AI (e.g. for max 32A reached only 31A and 5V input) fixed minimum amps value (was not taken into account)
3	21.04.2017	<ul style="list-style-type: none"> added bootloader (Android application) fixed bug with analog input not working while modbus enabled added control register 1004
2	13.04.2017	<ul style="list-style-type: none"> changeable slave address in reg 2001 stop charging button function reg 2005 (no timeout, but wait for unplug & plug), bitfield introduced for more possible options added register 1005 (firmware revision number)
1	17.02.2017	<ul style="list-style-type: none"> initial version