Register Address	Contents	Read/Write	Datablocks	HEX response		Remarks
0000	Voltage	Read	1	HEX response	convert to decimal	devide by 10 to read V (91F = 2335 = 233,5V)
0001	Current	Read	1	HEX response	convert to decimal	devide by 10 to read A
0003	Active power	Read	1	HEX response	convert to decimal	Result is W - devide by 1000 to get kW
0004	Reactive power	Read	1	HEX response	convert to decimal	Result is W - devide by 1000 to get kW
0005	Apparent power	Read	1	HEX response	convert to decimal	Result is W - devide by 1000 to get kW
0007	Active energy	Read/write	2	HEX response	convert to decimal	Result devide by 100 to get kW. 5 blocks of 4 bite; Total; T1; T2; T3; T4
0011	Reactive energy	Read/write	1	HEX response	convert to decimal	Result devide by 100 to get kW. 5 blocks of 4 bite; Total; T1; T2; T3; T4
002a	Baud rate	Read/write	1	signed	no need to convert	01=1200; 02=2400; 03=4800; 04=9600
002b	Meter ID	Read/write	1	HEX response	convert to decimal	000= broadcast; meter ID between 1-247
002c	Password	Write	2		default 00000000	Reset password and write within 10 seconds the command for change meter ID or reset active energy or change the baud rate

Modbus command line - read data

Meter ID	Read	Register address	Register length	CRC code
00	03	0000	0001	CRC16 Modbus RTU
00	03	0001	0001	CRC16 Modbus RTU
00	03	0003	0001	CRC16 Modbus RTU
00	03	0004	0001	CRC16 Modbus RTU
00	03	0005	0001	CRC16 Modbus RTU
00	03	0007	000a	CRC16 Modbus RTU
00	03	0011	000a	CRC16 Modbus RTU
00	03	002a	0001	CRC16 Modbus RTU
00	03	002b	0001	CRC16 Modbus RTU

Modbus command line - write data

Meter ID	Read	Register address	Register length		Data length	New value	CRC code
00	10	0007	0a 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00				CRC16 Modbus RTU
00	10	0011	0a 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00				CRC16 Modbus RTU
00	10	002a	0001		02	0001	CRC16 Modbus RTU
00	10	002b	0001		02	0001	CRC16 Modbus RTU
00	28	002c	fe 01 00 02 04 00 00 00 00				CRC16 Modbus RTU

0001 = 1200 0002 = 2400 0003 = 4800 0004 = 9600
meter number 1-247 convert to HEX code

Remarks

Active/Reactive energy read

sent to meter 00 03 00 07 00 0A [CRC16]
received from meter 01 03 14 00 00 04 D2 00 00 04 D2 00 00 00 00 00 00 00 00 00 00 00 00 23 D8

01 = meter address
03 = read command
14 = 5 data blocks of 4
00 00 04 D2 = 1234 (= 12,34kWh) for total active energy
00 00 04 D2 = 1234 (= 12,34kWh) for active energy T1
00 00 00 00 = 0000 (= 0,00kWh) for active energy T2
00 00 00 00 = 0000 (= 0,00kWh) for active energy T3
00 00 00 00 = 0000 (= 0,00kWh) for active energy T4

Active/Reactive energy reset

reset password 00 28 FE 01 00 02 04 00 00 00 00 [CRC16]
received from meter 01 28 FE 01 00 01 C0 24
enter this energy reset line within 10 seconds after password reset
sent to meter 00 10 00 07 00 0A 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 [CRC16]
received from meter 01 10 00 07 00 0A F1 CF

Meter ID

reset password 00 28 FE 01 00 02 04 00 00 00 00 [CRC16]
received from meter 01 28 FE 01 00 01 C0 24
enter this energy reset line within 10 seconds after password reset
sent to meter 01 10 00 2B 00 01 02 00 64 [CRC16]
received from meter 64 10 00 2B 00 01 78 34