Baud Rate 19200

Parity None

Stop bit 1

Device 10

Address 4 2 0 4 8

Address 4 2 0 4 9

Brown

Orange white

Pay attention to two other end of the Ethernet cable

(2 outer wire of each side)

(It might be different)

Correct Wiring:

Brown white

Green white

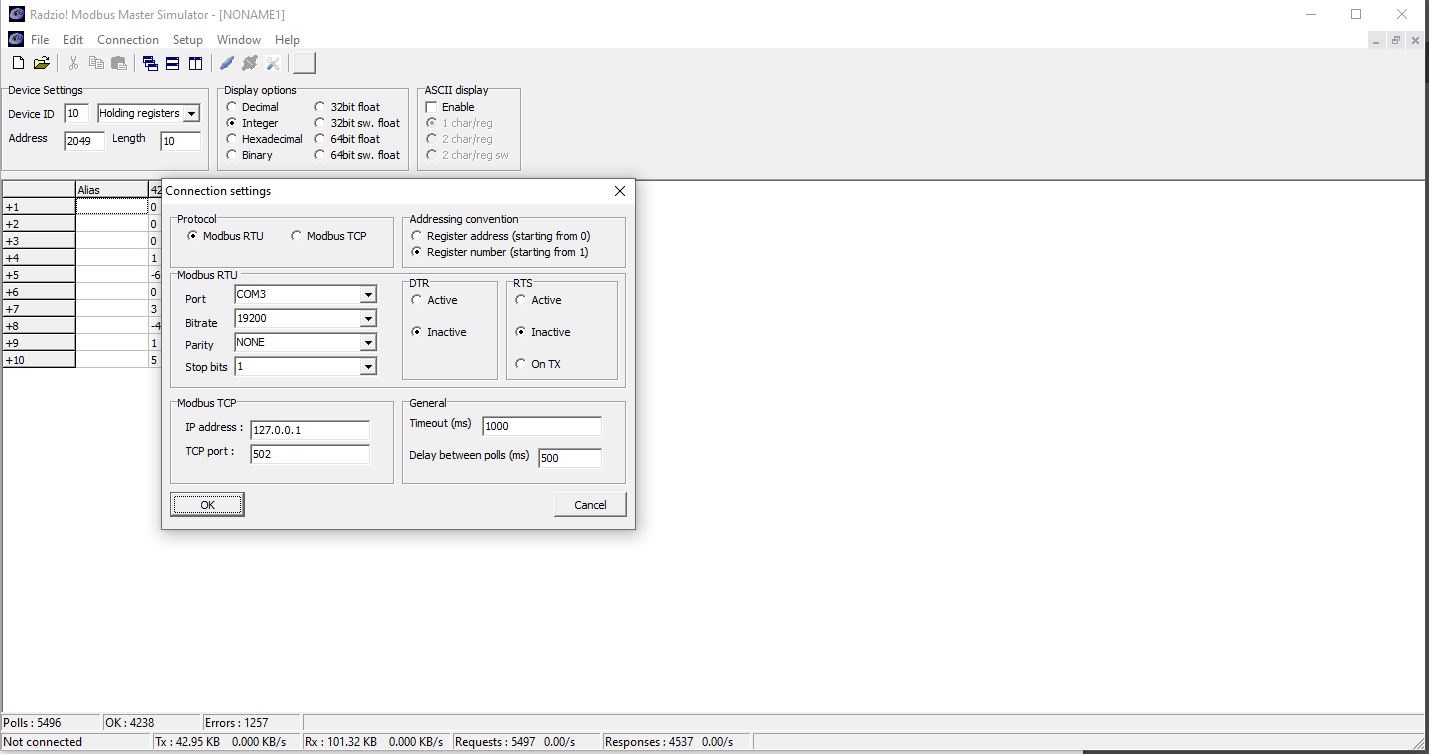
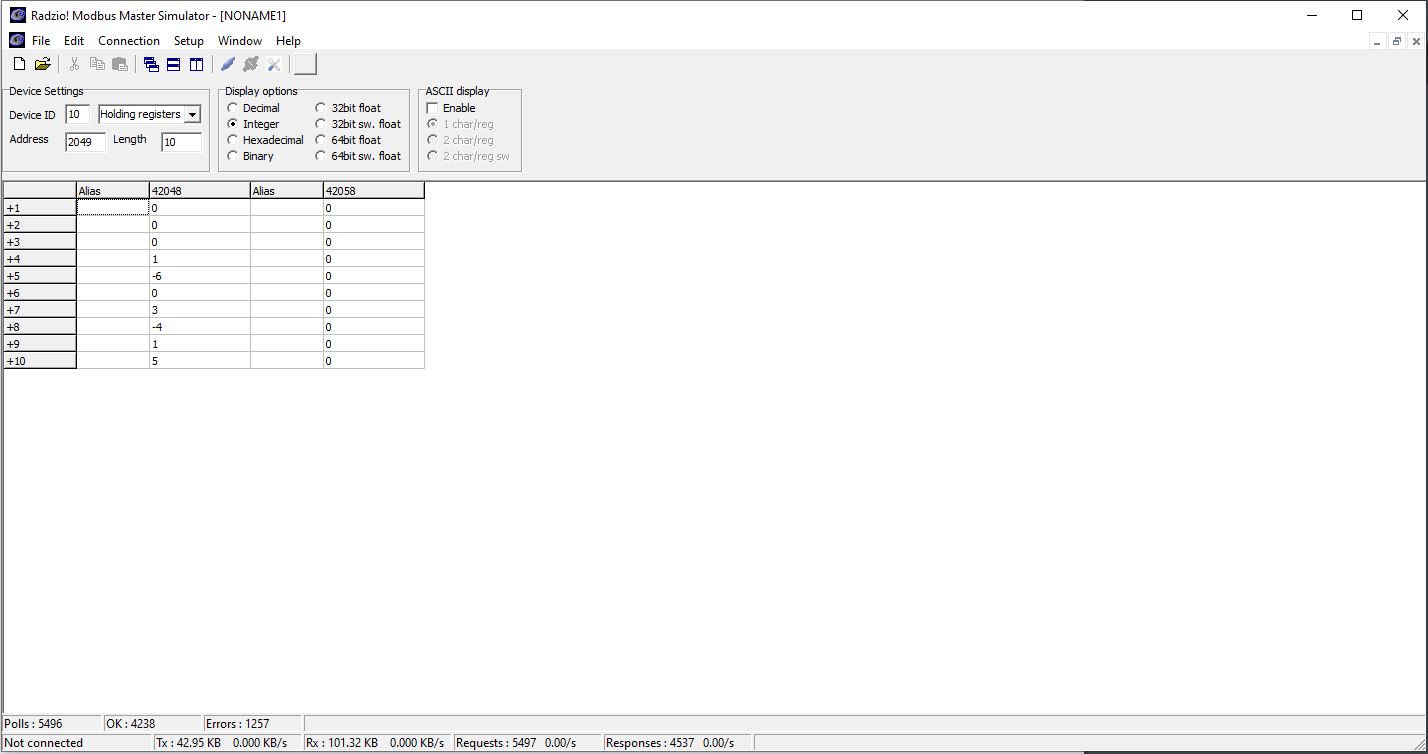
Message CMD

Analog 0 – 32767 higher resolution 65535

+1 16 digital input (16 bit) the most left is digital input 1, the second most left is digital input 2

+2 16 digital output, most left is digital output 1, the second most left is digital output 2

+3 - +10 analogs



|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NUMBER | SLAVE ID | FUNCTION CODE |  | ADDRESS REGISTER\*1 |  | NUMBER OF REGISTER\*2 | CRC SUM |  | RESULT DATA  (BYTE) |
| 1 | 0A | 03 | 08 | 01 | 00 | 00 | 17 | 11 |  |
| 2 | 0A | 03 | 08 | 01 | 00 | 01 | D6 | D1 |  |
| 3 | 0A | 03 | 08 | 01 | 00 | 02 | 96 | D0 |  |
| 4 | 0A | 03 | 08 | 01 | 00 | 03 | 57 | 10 |  |
| 5 | 0A | 03 | 08 | 01 | 00 | 04 | 16 | D2 |  |
| 6 | 0A | 03 | 08 | 01 | 00 | 05 | D7 | 12 |  |
| 7 | 0A | 03 | 08 | 01 | 00 | 06 | 97 | 13 |  |
| 8 | 0A | 03 | 08 | 01 | 00 | 07 | 56 | D3 |  |
| 9 | 0A | 03 | 08 | 01 | 00 | 08 | 16 | D7 |  |
| 10 | 0A | 03 | 08 | 01 | 00 | 09 | D7 | 17 |  |
| TOTAL 10 of them | 0A | 03 | 08 | 01 | 00 | 0A | 97 | 16 |  |

Response from TOTAL 10 of them

0A Device ID

03 Function Code

14 The number of bytes further (14 Bytes)

00 00 1 Byte

00 00 2 Byte

00 03 3 Byte

FF FC 4 Byte

FF FF 5 Byte

00 02 6 Byte

FF FB 7 Byte

00 01 8 Byte

00 04 9 Byte

0D 0A 10 Byte

00 00 11 Byte

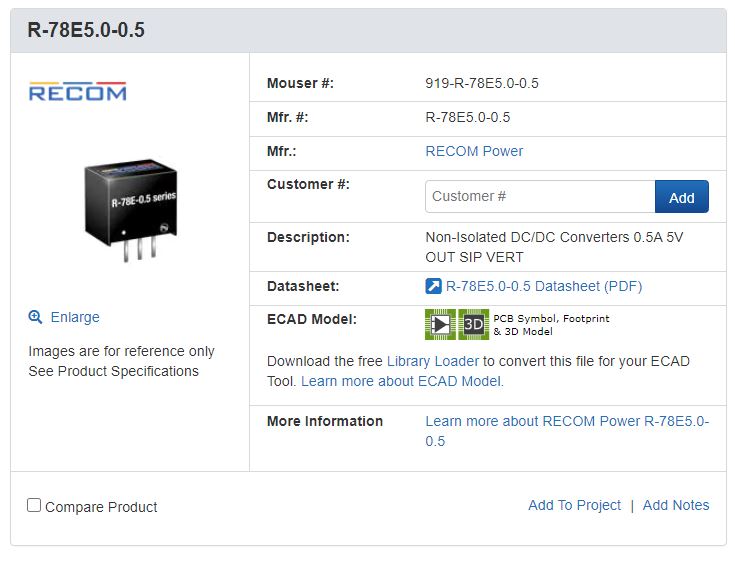
79 4F 12 Byte

0D 0A

DC Converter

<https://www.mouser.com/ProductDetail/919-R-78E5.0-0.5>

12V to 5V



To power AMI RTU without a battery