



DA4S RS232 -> 0..10 V converter
Firmware version 1a

The DA4S converter is a RS232 controlled processor with 4 analog outputs, max output 10V / 20mA. Processor board is build into a DIN Rail housing, using an external 12V stabilized power supply. All connections use Phoenix Screw terminals.

The converter can be used to control lighting systems (0..10V / 1..10V), temperature etc. Build in buffers makes it possible to control 4 channels at the same time without losing data. The RS232 input is buffered and accepts both RS232 and Serial (TTL level) data.

RS232 Control Settings & Protocol

Portsettings: 9600-8-N-1

Protocol : 3 byte: function;channel;level

Function = set level \$53
= get level \$41

Channel 1..4 = \$00..\$03
Level = \$00..\$FF

Example (in HEX, don't send comma's):

Set level, Channel off

\$53,\$00,\$00

Set level, Channel 4 on

\$53,\$03,\$FF

Get levels:

\$41 -> answer = channel1;channel2;channel3;channel4
