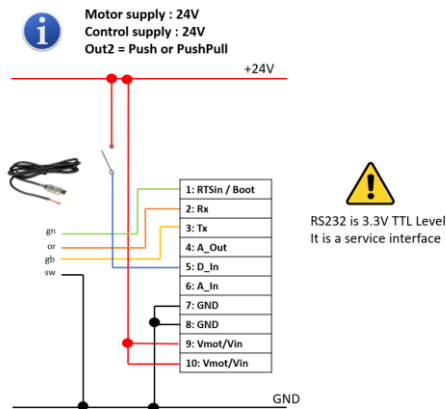


Interface wiring examples

K11a:

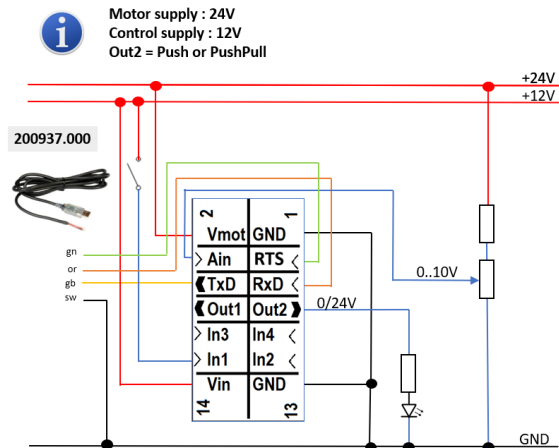
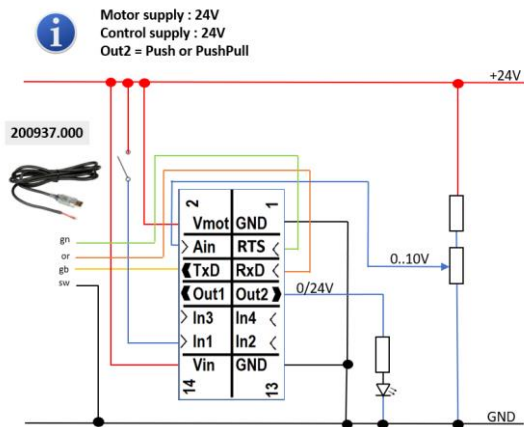
$$V_{in} = V_{Mot}$$



K17a:

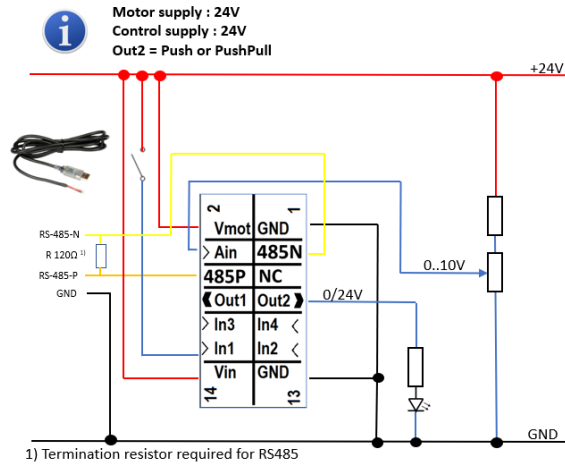
$$V_{in} = V_{Mot}$$

$$V_{in} = 12VDC / V_{Mot} = 24VDC$$



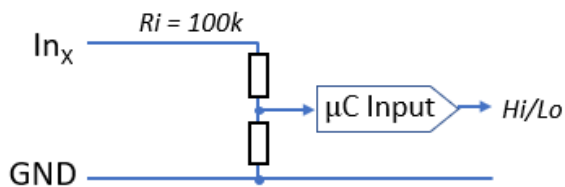
K17e:

$$V_{in} = V_{Mot}$$



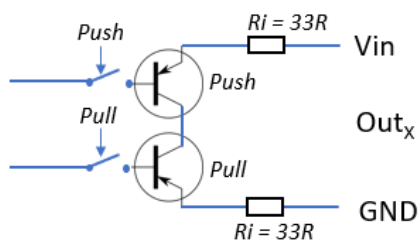
IO wiring examples

Digital input [In_x]



The input level is configured in the software.

Digital out [Out_x]



Output is in SW configured

Proper use



Do not connect or disconnect motor during operation!

Motor cable and motor inductivity might lead to voltage spikes when the motor is disconnected / connected while energized. These voltage spikes might exceed voltage limits of the driver MOSFETs and might permanently damage them. Therefore, always disconnect power supply before connecting / disconnecting the motor



Keep the power supply voltage below the upper limit!

Otherwise the driver electronics will seriously be damaged! Especially, when the selected operating voltage is near the upper limit a regulated power supply is highly recommended.



Check your mechanical system, is it able to drive the motor, avoid motor being used as generator

Every motor could be operated as a voltage generator, so take care about generated voltage, this might damage your electronics by overvoltage. Add some voltage limiter units to keep supply voltage in range.

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