

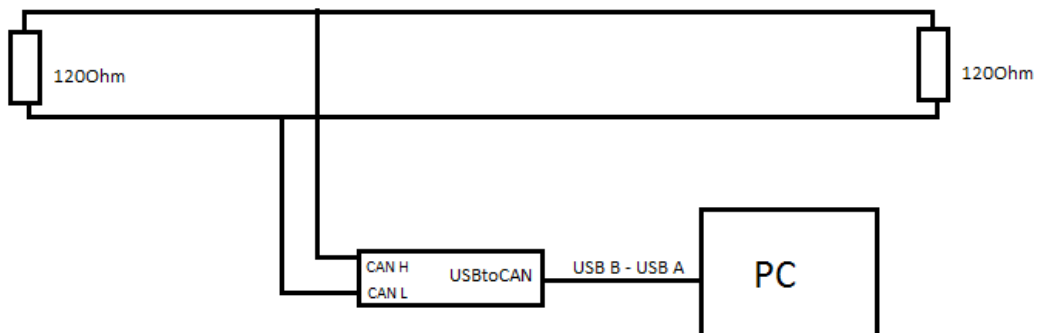


USBtoCAN

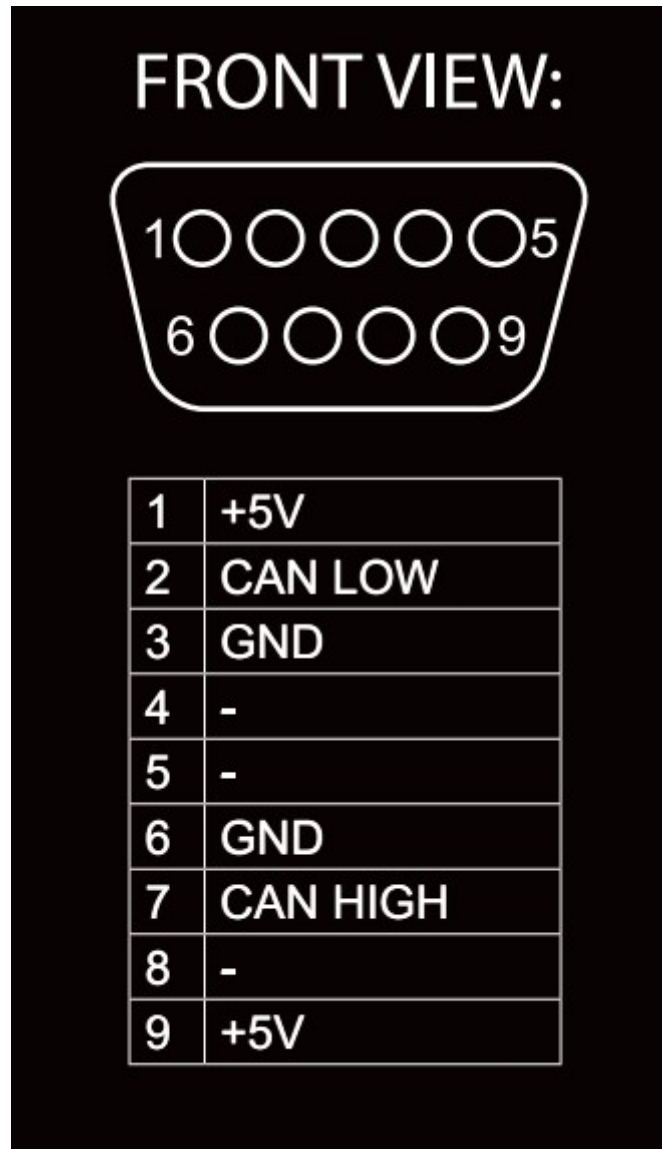
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ECUMASTER USBtoCAN INTERFACE

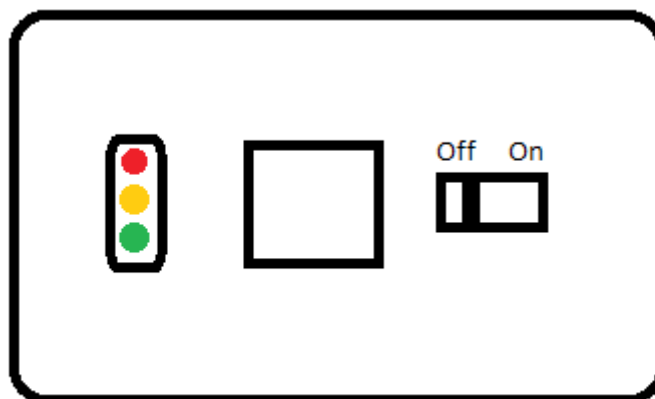
CONNECTION DIAGRAM



ECUMASTER USBtoCAN PINOUT



ECUMASTER USBtoCAN TERMINATOR AND LED LOCATION



ECUMASTER USBtoCAN is equipped with 120Ohm terminator that can be used for CANbus termination.

If you are not using an external terminator, it is recommended to use the one provided by USBtoCAN interface, otherwise the communication will not work.

CONNECTING TO PC

To use ECUMASTER USBtoCAN interface, user must be equipped in following items:

- USB A to USB B adapter to connect the interface to PC (Not included in the package)
- DB-9 Cable to connect interface to PMU
- Windows 10 should install ECUMASTER USBtoCAN drivers automatically
- If using windows XP/7/8/8.1 - ECUMASTER USBtoCAN interface drivers, available at: <http://www.ecumaster.com/products/usb-to-can/>

To install drivers, run EUSBtoCAN_Driver_vX.X.exe and follow instructions.

ATTENTION !

Ground wire connection between USBtoCAN and other CAN devices can be DANGEROUS! Ground connection is only allowed if devices before connecting have the same ground potential. Potential difference can be checked by using voltmeter between corresponding grounds.

LED STATUS SIGNALING

ECUMASTER USBtoCAN also has LED signaling ability:

Color	Description
Green Continuous	Device turned on
Green Flashing	Device turned on and connected to PC
Green and Orange Flashing	Data transfer in progress
Orange Continuous	Device turned on, currently in bootloader
Orange Flashing	Device turned on, firmware update in progress
Red Continuous	Temporary CAN communication error
Red Flashing	Permanent CAN communication error