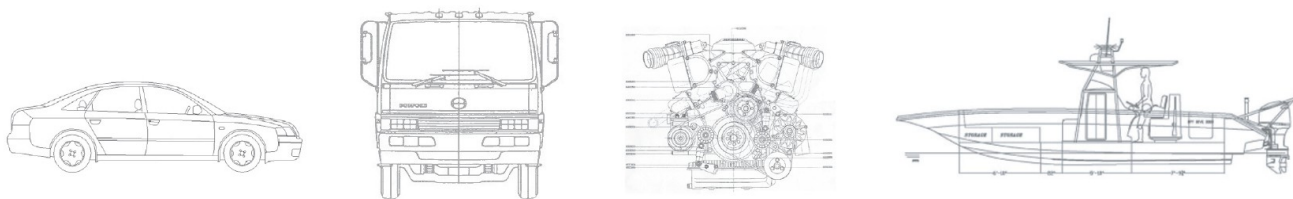


Professional device for data acquisition and conversion from J1939 and J1708



Application:

MCB11 modules acquire and convert digital data from J1708 and J1939 buses in Renault and Volvo trucks. Module is dedicated for GPS/GSM/GPRS fleet management devices or other devices with J1939 bus input, RS232 or UART serial port. To make this solution flexible device has three work modes:



In first mode module acquire data from J1708 bus and convert it to J1939. Additionally data is sent via RS232/UART serial port. This configuration is dedicated for GPS/GSM/GPRS fleet management devices equipped with J1939 bus input or RS232/UART serial port.



MCB set in second mode works as converter between J1708 and J1939 bus like in first mode. The difference is that device acquires only three parameters (fuel level, total fuel used, total motohours). This mode is useful for GPS/GSM/GPRS fleet management devices equipped with J1939 bus input. J1939 bus input of fleet management device is connected to J1939 bus of vehicle and MCB output.



In third mode module acquire data from J1708 and J1939 buses and send it via RS-232 / UART serial port. In this configuration module acquire three parameters from J1708 bus (fuel level, total fuel used, total motohours) and other parameters from J1939 bus. This configuration is dedicated for GPS/GSM/GPRS fleet management devices equipped only with RS-232/UART serial port.



Main features:

- Wide supply voltage range: 12-36V;
- Small dimension: 45x45x20mm;
- Data acquisition from J1708 and J1939 buses;
- Device configuration and firmware update possible with PC via Bootloader;
- RS232 and UART output serial ports;
- Three work modes.



Module works with many car brands. Information and dedicated program numbers are contained in supported list available on Quasar Electronics website. Change of configuration or loading new firmware (available at website) is possible with the Bootloader device.