

INTELLIGENT CONTROL SYSTEM

WITH CAN BUS

LCD TOUCH SCREENS 7" & 9"



COMPLETE PILOTING AND CONTROL

J&R

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MANAGEMENT FOR EACH VEHICLE WITH CAN BUS

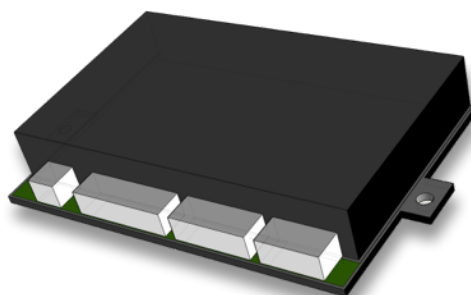
OBJECT OF PRESENTATION



Programmable touch screens with CAN Bus.



Programmable control module with CAN Bus.



Programmable switches „micro switch” with CAN Bus.



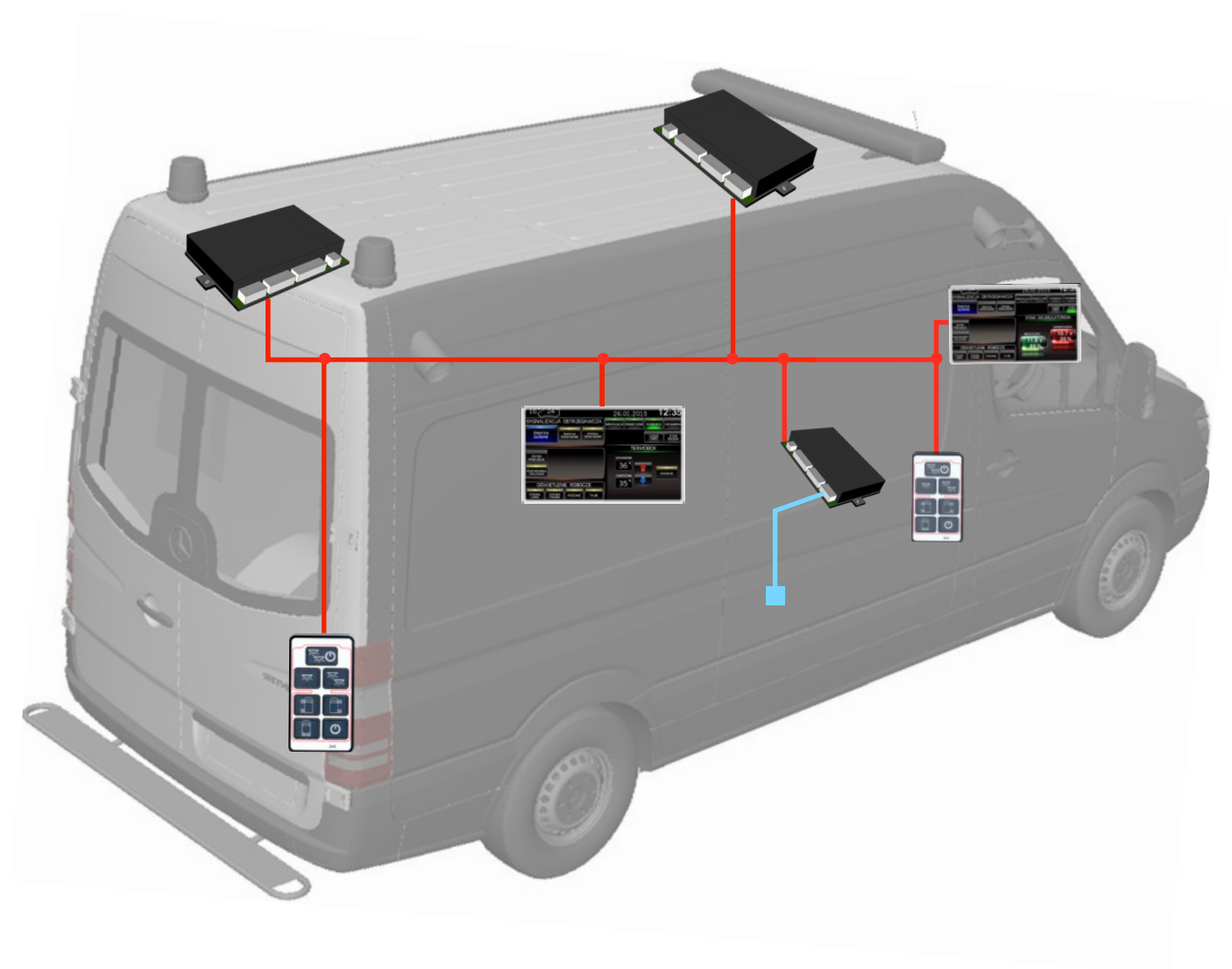
Control set is operable in a CAN bus system. That means it communicates only with using two wires (digital). Hence, the electrical installation is simpler and has less wires, compared to conventional installation (analog).

The use of the CAN bus minimizes the cost of building from the electrical installation.

The modules and control panels can be connected together in any configuration. The advantage of this solution is to use this quantity of modules and panel which is required for specific installation. Their action depends on software version that can implement multiple logical dependencies, which is difficult to achieve using analog control.

All current outputs in the presented modules have electronic relays (no elements mechanical) and automatic overload protection (do not require maintenance, replacement, repair). Mounting of the control set is easy, save time during production and simplifies the whole process of assembly.

Example of the installation of CAN bus in our control system.



— CAN Bus in car installation.

— CAN Bus in factory car..

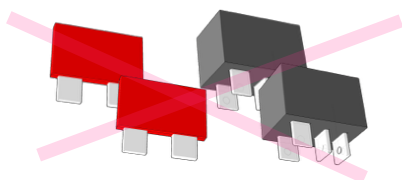
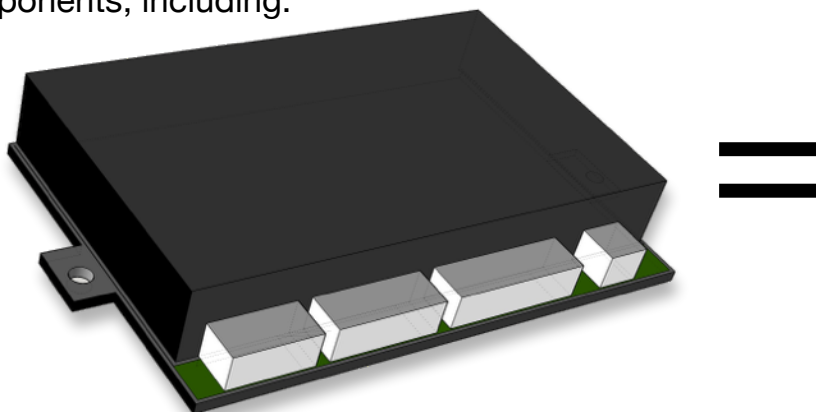
REPLACE OLD ELECTRICAL INSTALLATION OR FULFILL IT !

EXECUTIVE UNIT

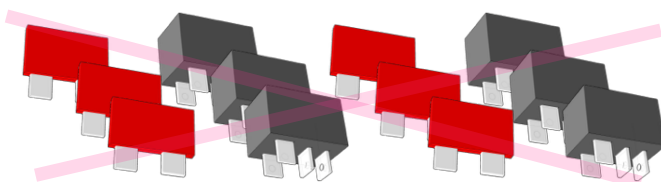
Executive module is programmed to power the electrical loads. Aside from control of various electrical module also has analog inputs to which you can connect sensors, switches, and other analog devices.

Our control system communicates via CAN Bus, thanks to this, you can chain together lots of modules and LCD panels, depending on the user's needs or requirements of devices powered by system.

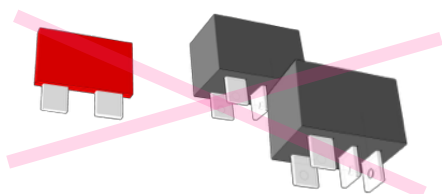
One programmable module replaces multiple analog components, including:



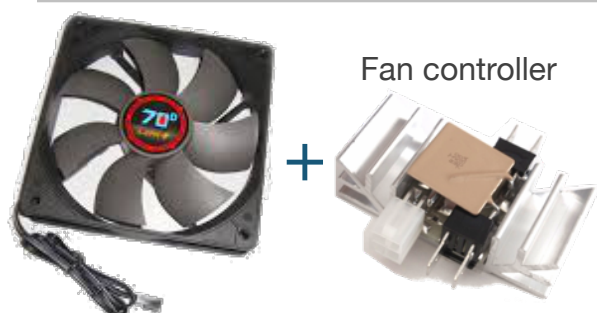
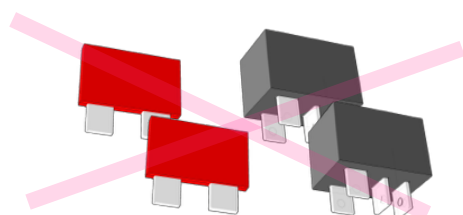
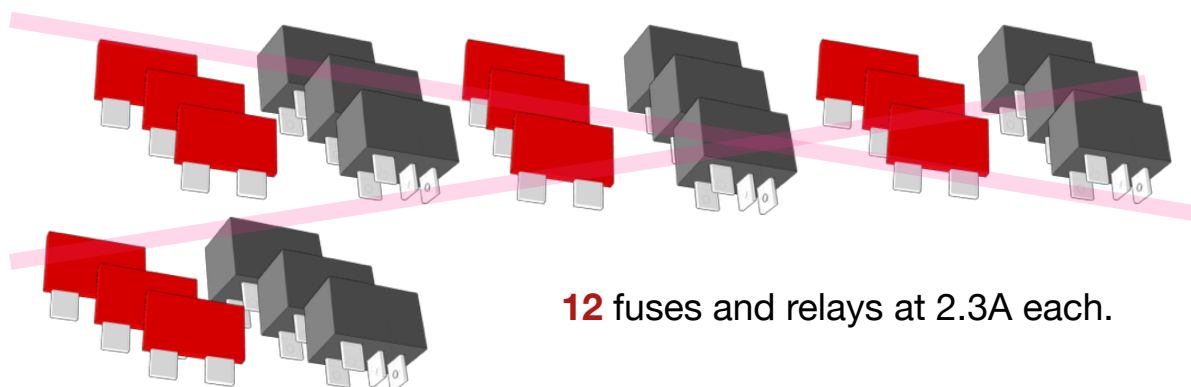
2 fuses and relays related at 14A each.



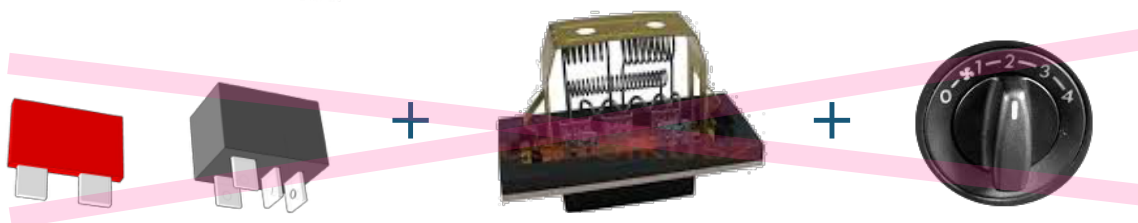
6 fuses and relays at 7A each.



Fuses and relays for control of roof fan, ventilation at 7A each.

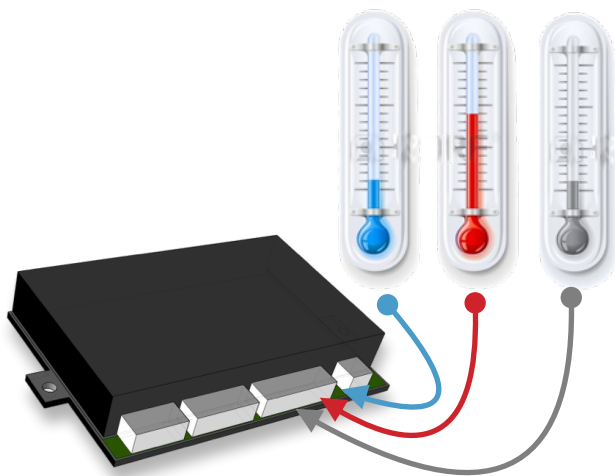


Fuse of the fan, fan relay, resistor of fan and switch of fan become unnecessary.



The module replaces various regulators of heating systems.

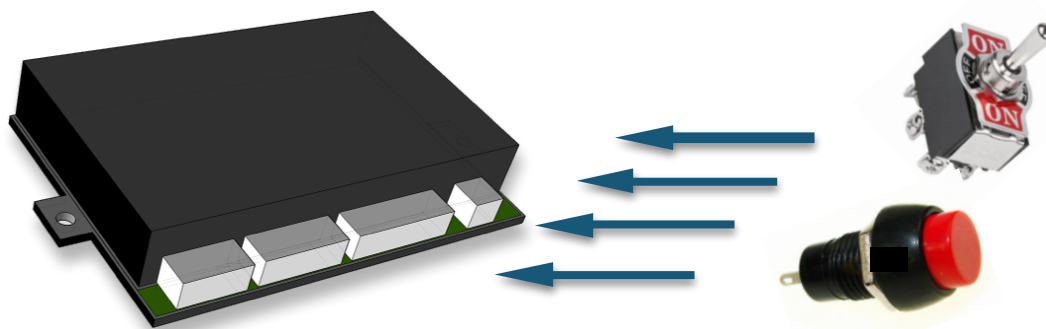




To one module can be connected to three digital thermometers that measure temperature at different points. Information about the measured temperature can be transferred to other devices via CAN Bus network.



Powers LED pilot light without any additional resistors which ones limit the current of pilot light.



The module has analog inputs, which can be used to connect additional switches, limit switches, sensors, etc. Information about its operation can be transferred to other devices via CAN Bus network.

LCD TOUCH SCREEN

A programmable LCD touch screen is used to control all electrical consumers. The LCD also displays information about the status of devices, the measured temperatures, batter condition, registered electrical faults, etc.

The control system, that communicates via CAN allows the user to connect many panels, according to his or her needs.



RUNNING THE SIGNALS FROM THE LCD PANEL WITH USING ONLY ONE BUTTON.

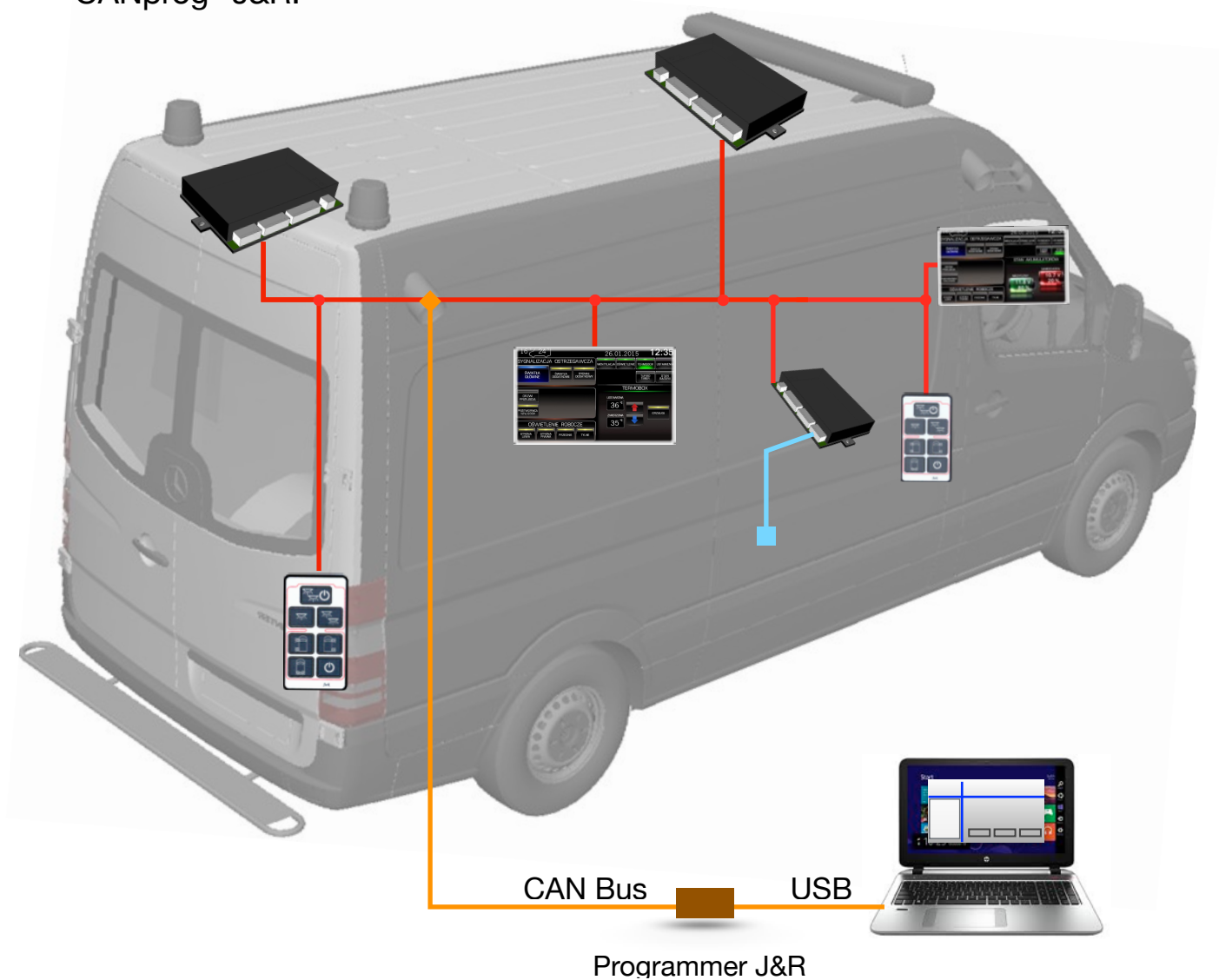
Control system of J&R Company can run sound generators of other companies like Code3, Federal, Gamet and etc.



EXCHANGE OF SOFTWARE FROM ONE PLACE WITHOUT REMOVING MODULES OR LCD PANELS.

You do not need to write programs, you receive all programs from us. All programs are given to you. You can create your own graphics and put it on memory card.

Free programmer of J&R Company allows you to upgrade software via CAN Bus. Devices connected to the Can Bus network can be programmed via the diagnostic connector built-in with a free program "CANprog" J&R.



EASY FAULT DIAGNOSTIC.

Current and saved faults and additional information to help diagnosing them.

