UNIMA-KS®
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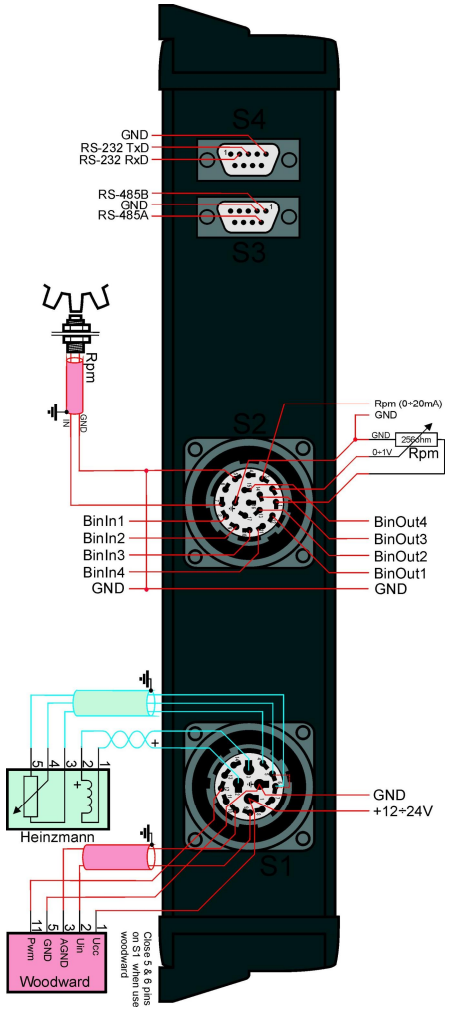
Speed controler USC

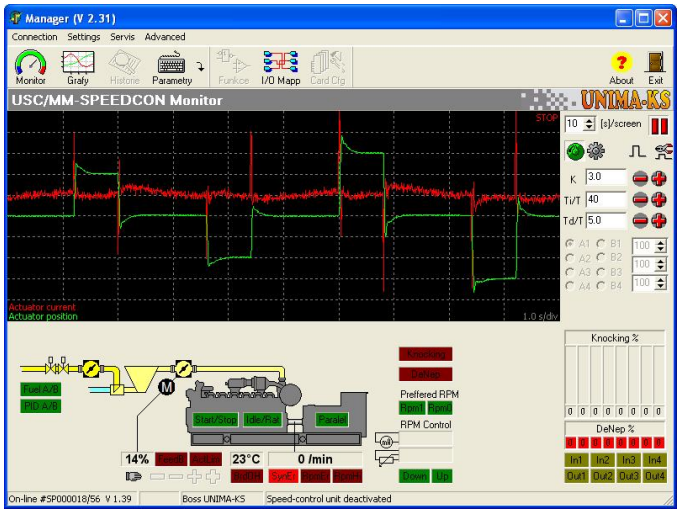
USC (Unima Speed Controler) is a digital PID engine speed governor. Supports bi-fuel system, different sets of PID parameters, Woodward or Heinzmann actuator. A great variety of parameters to adapt the controller to installation..

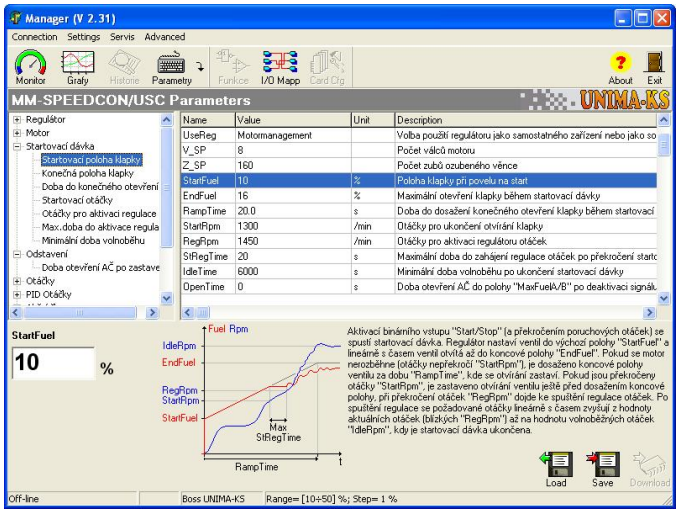
- Measurement and control of engine speed
- Wide range of supply voltage 10÷33V DC
- RS-232 (diagnostics and configuration by service program Manager)
- RS-485 (control over a data line, collaboration with CU UniGEN)
- Configurable analog and digital inputs and outputs
- 4x binary input
- 4x binary output
- Analog input and current output for Heinzmann actuator control
- Analog input and PWM output for Woodward actuator control
- Analog input 0÷20mA (0÷1V, 0÷256ohm) for requested speed control (can be manager also via RS-485 e.g. by control unit UniGEN)
- Integrated diagnostic tool (graphical oscilloscope)
- Easy configuratin via PC with user friendly and intuitive service software (Manager)
- Different parameter settings for two fuels(biogas and natural gas)
- Programmable in an application (easy FW upgrade through RS-232)



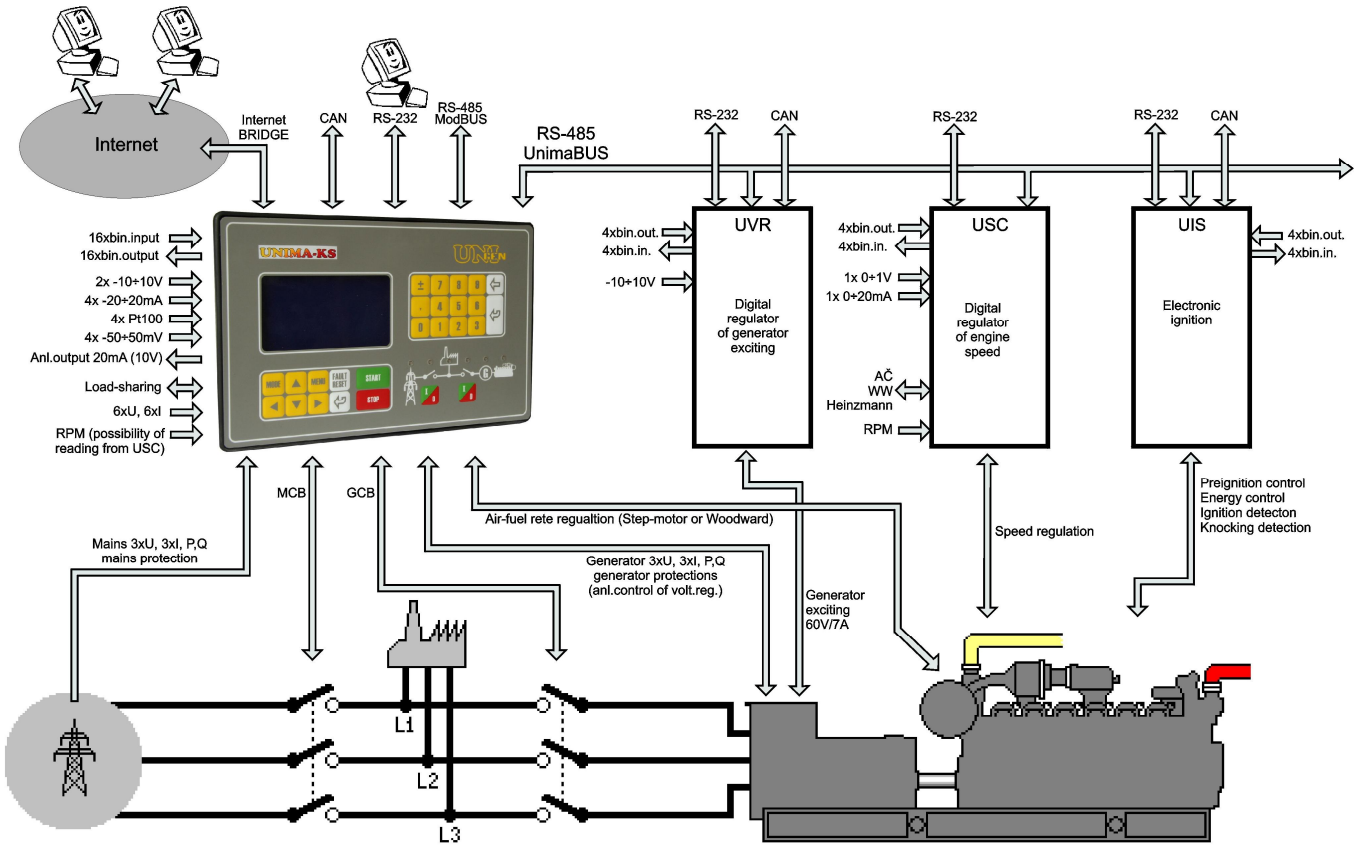
http://www.unima-ks.com/regulator-of-rotation-speedcon.html

Service Program Manager is used for visualization, configuration and diagnostic of UIS. The UIS can be connected not olny locally via RS-232, but also via dial-up connection (a modem connection) or via Internet (integrated Internet-bridge of UniGEN controll systém witch is conected to UIS via RS-485)





Using the set of UniGEN-UIS-USC-UVR (CHP control system, ignition controller, speed governor, voltage regulator) can be realized complete control of a cogeneration unit.
Individual components communicate with each other via RS-485, there isn't other wires.
With the integrated internet-bridge you can monitoring and setting all conected components from your PC!



http://www.unima-ks.com/manager.html