

InteliLite^{NT} DCU



ENGINE CONTROLLER FOR GENERAL PURPOSES



Description

The InteliLite^{NT} DCU is a highly flexible sophisticated engine controller, which features outstanding control, monitoring and protection for diesel and gas engines in one unit. The extended product family offers a range of engine specific versions suitable for land-based and marine non classified applications.

It can communicate via standard and proprietary CAN J1939 communication protocols to a wide range of EFI engines, which include Caterpillar, Cummins, Deutz, Detroit Diesel, GM, Iveco, JohnDeere, Perkins, Scania, Sisu, Volvo Penta and others. The controller comes with LiteEdit PC software enabling the user to freely configure the inputs and outputs to suit individual requirements.

Like all ComAp products, InteliLite features a powerful graphic display providing user-friendly information in an easy to understand format. Real time clock and event and performance history log are priceless when it comes to troubleshooting. Remote control and monitoring is possible via analog/GSM modem or Internet. Instrumentation of internal values on VDO type analog gauge makes use easy even for untrained personnel.

Benefits

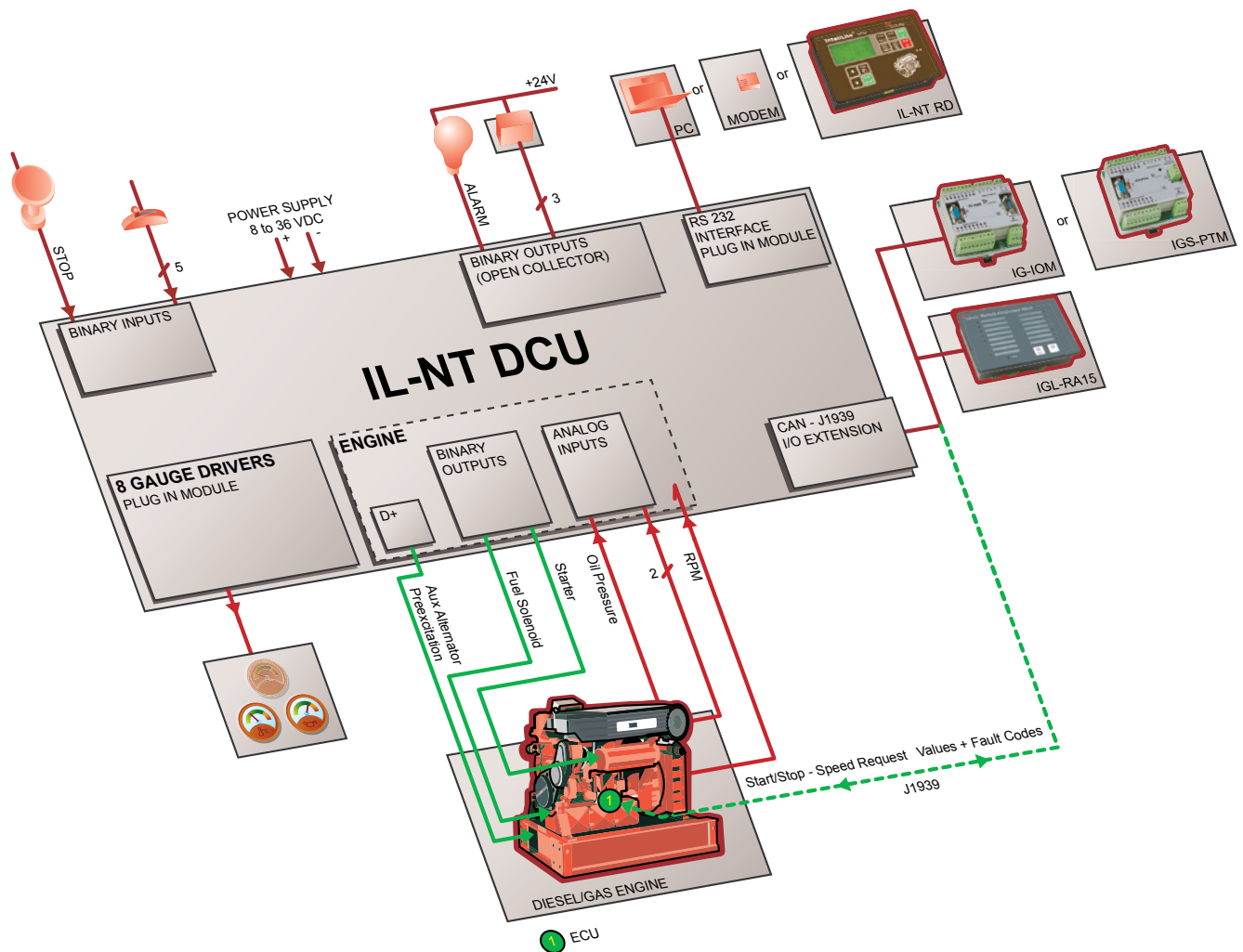
- ▷ Integrated solution – less wiring and components
- ▷ Slave panel available – economical solution for remote control
- ▷ Analog gauge (VDO, Datcon, ...) outputs – operator friendly
- ▷ History log – easy troubleshooting
- ▷ Less engineering and programming
- ▷ Perfect price/performance ratio



ComAp is a member of AMPS
(The Association of Manufacturers
of Power generating Systems).



ComAp products meet the highest standards, with every stage of production undertaken in accordance with the ISO certification obtained in 1998.



Features

- ▽ Engine control, monitoring and protection
- ▽ Support of engines equipped with Electronic Control Unit – J1939 or Cummins ModBus interface
- ▽ 6 binary inputs and outputs, 3 analog inputs
- ▽ 3 configurable inputs and outputs
- ▽ Selectable protections alarm/shutdown
- ▽ Setpoints adjustable via keyboard or PC
- ▽ 3 levels of password protection
- ▽ USB, RS485 or RS232/Modem/ModBus communication
- ▽ Real time clock and event history log
- ▽ Analog oil pressure, water temperature, fuel level, battery voltage, engine speed (pick-up)
- ▽ VDO type analog gauges outputs – 8 channels
- ▽ Automatic or manual start/stop of the engine
- ▽ Push buttons for simple control, lamp test
- ▽ Graphic back-lit LCD display 128 × 64 pixels
- ▽ 2 LED indicators
- ▽ Sealed to IP65
- ▽ Power supply 8–36 VDC
- ▽ Operating temperature: -20°C – +70°C regular unit -40°C – +70°C low temperature unit
- ▽ IntelliLite controller meets several standards (EN, CSA, NFPA...)

Extension modules

- ▽ IL-NT RS232 RS232 plug-in interface
- ▽ IL-NT USB USB plug-in interface
- ▽ IL-NT AOUT8 gauge plug-in interface
- ▽ IL-NT RD remote display
- ▽ IG-IB Internet module
- ▽ IGS-PTM extension I/O module
- ▽ IGS-IOM extension I/O module
- ▽ IGL-RA15 15 LED remote annunciator



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