

GCU-20 Generator/Engine Control Unit

Features

- Microprocessor Based Design
- Universal LED Graphic Interface, Displays
- Generator Status and Failures
- Modular Design, Quick Installation
- With Annunciator Output *
- Selectable MPU Signal for Speed Sensing
- Suitable for Pump Engine control
- With Lamp Test Function for All Front Panel
- LEDs and Annunciator Lamps
- Provide IDLE control For Elec. Governors
- Five Adjustable Time Delay Potentiometers
- Six DIP Switches For Specification Setting

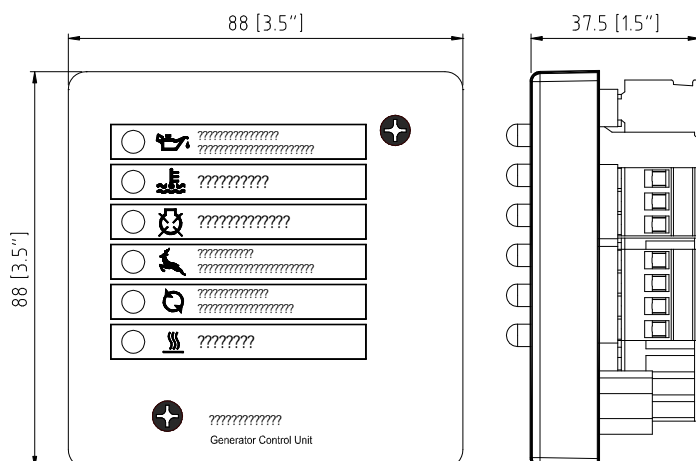
Adjustable Timers

- Engine Pre-Heat 2 ~ 30 Seconds
- Starter Cranking time 1 ~ 15 Seconds
- Energize to STOP 1 ~ 15 Seconds
- Engine Idle (Governor) 0 ~ 300 Seconds
- Engine Cool-down 0 ~ 300 Seconds

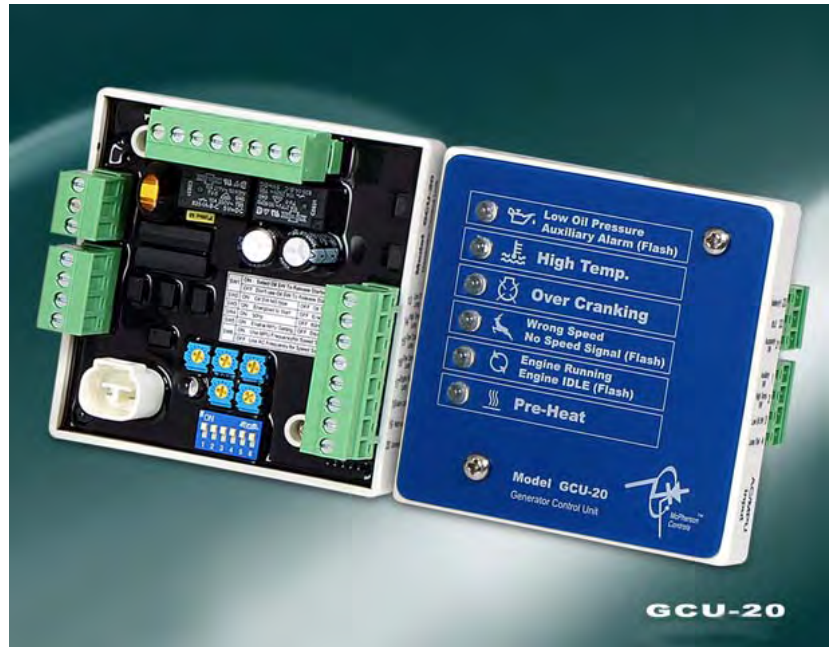
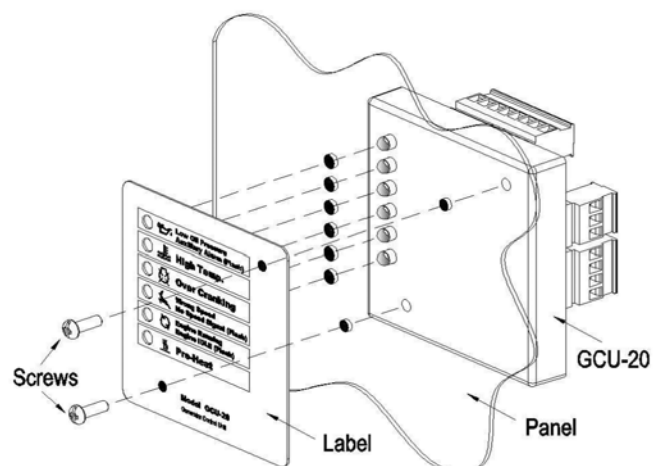
Protection & Alarm Status Indicators

- Start Failure
- High Water Temperature
- Low Oil Pressure
- Overspeed
- Underspeed
- No Speed Signal
- Extra Prog. Input

Mechanical Specifications (mm/Inch)



Installing Panel



* Together with RA-20 Annunciator Module

Specifications

DC Supply	9.0 to 36 VDC
Alternator Input Range	5 ~ 300VAC
	50/60 Hz
MPU Signal Input Range	± 2V to 70V Peak
Rated MPU Frequency	100 Hz ~ 10,000 Hz
Fuel Solenoid Signal Output	10 Amp @ 12/24VDC
Start Signal Output	10 Amp @ 12/24VDC
Annunciator Output	300mA @ 12/24VDC
Power Consumption	Under 3VA on Auto
Operating Temperature	-20 ~ 70 C
Relative Humidity	< 90 %
Weight	200 gram