

GCU-20

Engine & Generator Control Unit

Together with RA-20 Annunciator Module to help user monitor onsite and remote monitoring and warning

Features

- Microprocessor Based Design
- Universal LED Graphic Interface, Displays Generator Status and Failures
- Modular Design, Quick Installation
- With Annunciator Alarm 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 Setting Different Engine Parameters



Protection & Alarm Status Indicators

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

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

Specifications

DC Supply	9.0 to 36 VDC
Alternator Input Range	5~300 VAC 50/60 Hz
MPU Signal Input Range	±2 to 70 VAC Peak
Rated MPU Frequency	100 Hz ~ 10,000 Hz

Fuel Solenoid Signal Output	10 Amp @ 12/24 VDC
Start Signal Output	10 Amp @ 12/24 VDC
Annunciator Output	300 mA @ 12/24 VDC
Power Consumption	Under 3 watt

Environment

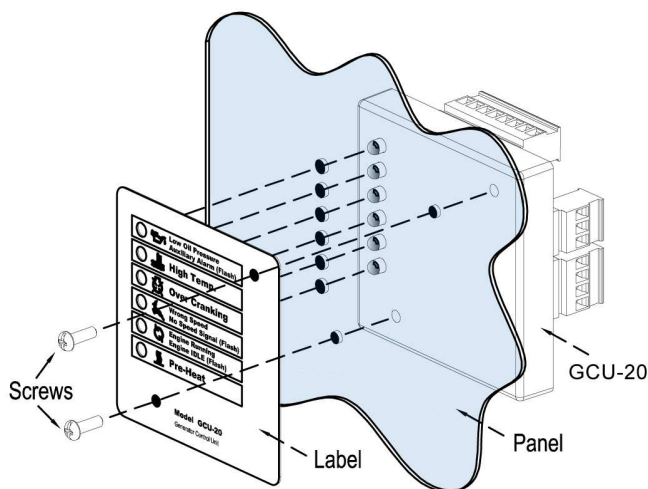
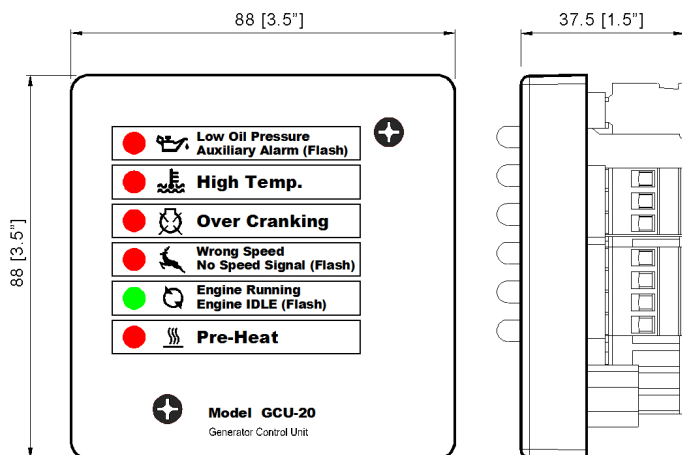
Operating Temperature	-20~70 °C
Storage Temperature	-35~85 °C
Relative Humidity	Maximum 90%

Physical Specification

Dimensions	88.0 (L) x 88.0 (W) x 37.5 (H) mm
Weight	206 g ±2%

Mechanical Specifications (Unit : mm[inch])

Installing Panel



固也泰電子工業有限公司
KUTAI ELECTRONICS INDUSTRY CO., LTD.



TEL: +886-7-8121771 FAX: +886-7-8121775
Head Office: No.3, Lane 201, Chien Fu St., Chyan Jenn Dist., Kaohsiung, TAIWAN
Please link to <http://www.kutai.com.tw> for detailed manual.