

GCU-10

Generator Control Unit

Features

- Microprocessor Based Design
- Universal LED Graphic Interface, Displays Generator Status and Failures
- Modular Design, Quick Installation
- Programmable Engine & Generator Controls Adapts Easily To Any Type Generator Set
- Waterproof Front Panel With UV Protection
- Provide IDLE control For Elec. Governors
- Five Adjustable Time Delay Potentiometers
- Five DIP Switches For Specification Setting



Protection & Alarm Status Indicators

- Start Failure
- High Water Temp.
- Low Oil Pressure
- Low Battery Voltage
- Overspeed
- Underspeed
- Emergency Stop
- Extra Prog. Input

Adjustable Timers

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

Specifications

| | | | |
|------------------------------------|--------------------|--|--------------------|
| DC Supply | 9.0 to 36 VDC | Warm up Signal Output | 5 Amp @ 12/24 VDC |
| Alternator Input Range | 5~300 VAC 50/60 Hz | Accessory "ON" Output | 5 Amp @ 12/24 VDC |
| Fuel Solenoid Signal Output | 5 Amp @ 12/24 VDC | Idle Control Conductor Capacity | 5 Amp @ 12/24 VDC |
| Start Signal Output | 5 Amp @ 12/24 VDC | Power Consumption | Under 3 VA on Auto |

Environment

| | |
|------------------------------|-------------|
| Operating Temperature | -20~70 °C |
| Relative Humidity | Maximum 90% |

Physical Specification

| | |
|----------------------|-----------------------------------|
| Panel Cut-Out | 66.0 x 66.0 ±0.5 mm |
| Dimensions | 72.0 (L) x 72.0 (W) x 50.0 (H) mm |
| Weight | 166 g ±2% |

Mechanical Specifications (Unit : mm)

