GCU-10 KIT

Auto Start Generator Control & Protection Panel

Features

- Modular design、Quick installation、Simplify wiring and Save labor cost
- Waterproof front panel with Anti-UV protection
- Integrated microprocessor based design
- LED graphic interface for generator status and fault alarms
- High illumination LED displays suitable for outdoor use
- Three phase AC power parameters - V(RMS),A(RMS) and Hz
- Operating hours and DC battery voltage display
- Programmable for cycle-mode or fix-mode displays
- Built-in relay module ready with fuses and power relays

GCU-10 Protection & Alarm Indicators

Fail to Start	Over & Under Speed
High Water Temperature	Emergency Stop
Low Oil Pressure	Low Battery Voltage

DSP-10 Displayed Parameter

AC Voltage V(RMS)	Operating hours (Hr)
Load Current A(RMS)	Battery Voltage (Vdc)
Frequency (Hz)	

Specifications

DC Supply	12V or 24V
Alternator Input Range	GCU-10：5 - 300 Vac 50/60 Hz
	DSP-10：10 - 500 Vac 50/60 Hz
Power Consumption	GCU-10：less than 3 watts
	DSP-10：less than 2 watts
Rated CT Capacity	Above 2.5 VA
CT Secondary Ratio	5A

Output Capacity

Start Signal	35 A @ 12/24 VDC
Fuel Solenoid signal	35 A @ 12/24 VDC
Pre-Heat	35 A @ 12/24 VDC
Accessory - ON	5 A @ 12/24 VDC
Idle Control	5 A @ 12/24 VDC

Environment

Operating Temperature	-20°C to +70°C
Storage Temperature	-35°C to +85°C
Relative Humidity	Max. 90%

Physical Specifications

Panel Cut-Out	66.0 x 66.0 +/-0.5 mm
Dimension	72.0 (H) x 72.0 (W) x 50.0 (D) mm
Weight	1.5 Kg +/-2%

Mechanical Specifications