

ECU-02

Digital Gen-set PLC Control Unit Provides Full Instrumentation & Protection On Any Generator Set

Features

- Micro-Processor Based Design
- Easy-to-Read Large LED Display
- Compact Size with Vibration Protected
- Provides Full Engine & Generator Alarms Signals & Shut Downs
- 2 Wire Remote Start & Stop
- Front Panel Mounted With Manual, Off & Auto Switch
- Provided With Easy-to-Install Auxiliaries, Relays & Fuses
- No Need for Magnetic Pick-up to Check Over Speed
- Simple Operation & Programming*
- No Battery Power Needed to Maintain Program**

4 Digit 7 Segment Easy-to-Read LED Display

- Programmable Display with 3 Phase Volts, Amp & Freq.
- Failure Alarms Status
- Battery DC Voltage Indicator
- Total Engine Operating Hours & Service Alarm
- Internal Program Settings & Status

Protection & Alarm Status

- Engine Start Failure
- Engine Over Speed
- MPU Failure
- Abnormal Generator Voltage
- Low Engine Oil Pressure
- Emergency Stop Activated
- High Engine Temperature
- Generator Over Load
- Low Fuel Level
- Low DC Voltage

Mechanical Specifications



* There is no need for PC connection or software--all operation can be done directly on ECU-02.

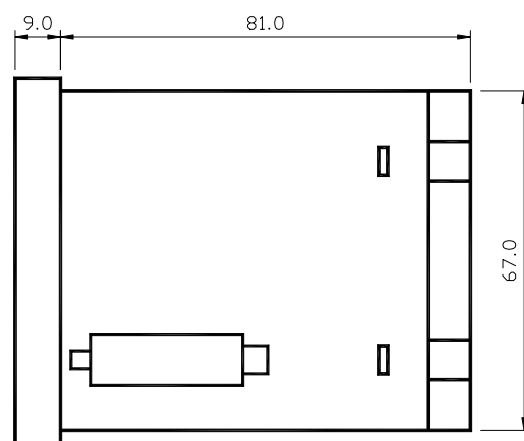
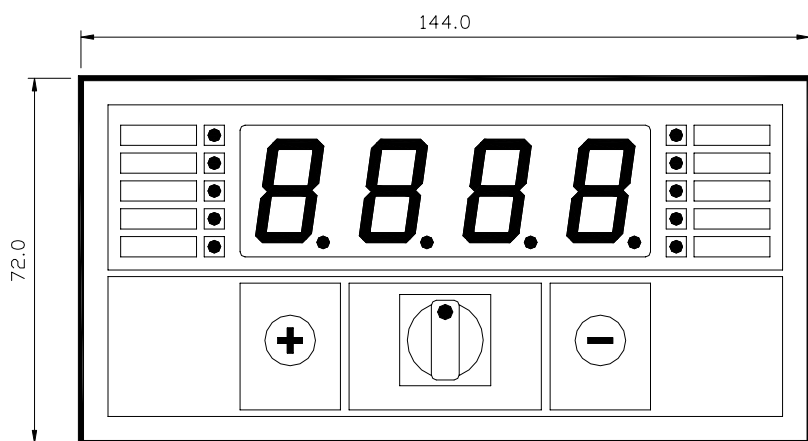
** Customized settings are auto-saved into memory and will remain even when power is off.

Specifications

Power Input	Voltage	9 ~ 30 VDC
Sensing Input	Voltage	15 ~ 380 VAC 3 phase 3 wire
	Frequency	50 ~ 60 Hz
MPU Signal Input	Voltage	±2V to ±70V Peak
	Frequency	Min.100Hz, Max.10KHz
Control Signals	Current	2.5 Amp with input volts
CT Specifications	Burden	2.5VA
	CT Range	Min. 25A/5A, Max 3000A/5A
Power Dissipating	Max. 7 Watt	
Operating Temp.	-25 ~ +75 °C	

Auxiliaries

Easy-to-Install Relay Board ECU-11(12V) & ECU-22(24V)
Isolation Transformer Module PTU-03



UNIT: mm

Weight: 372 g ± 2%

* Suffix "K"—Indicated a key switch is added..

* Panel Installation Cut-Out: 137.5±0.5 mm × 67.0±0.5 mm

Please link to <http://www.kutai.com.tw> for detailed manual.



KUTAI ELECTRONIC CO., LTD.

