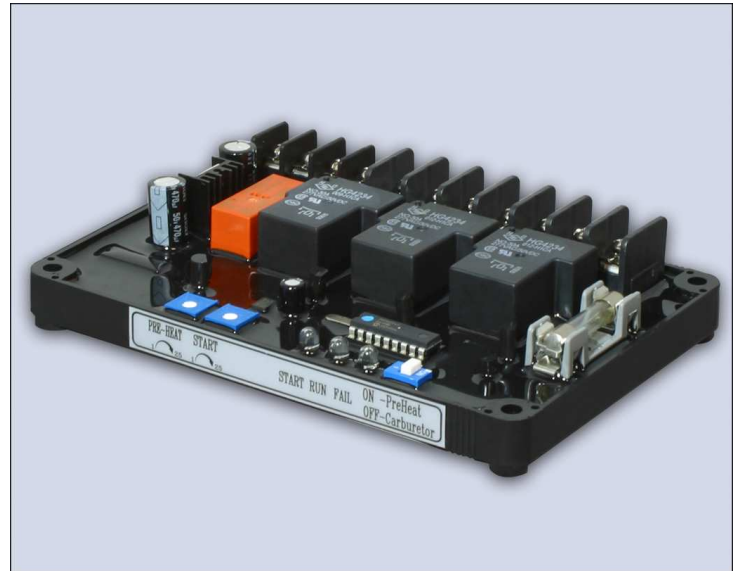


# ECU-04 & ECU-05

## Universal Add-on Auto-Start Control For All Manual Key Start Generator Sets

### Features

- Microprocessor Automatically Mimics The Manual Start Procedure
- Simple Installation, Without Changing Original Wiring
- Easy to Set Up, low-cost, Small Size, Low Power Consumption
- For Use In Gasoline And Diesel Generators
- Three Attempts Multi-Start Function
- Circuits Are Protected With 94-V0 Epoxy
- Two Adjustable Time Delay Potentiometers



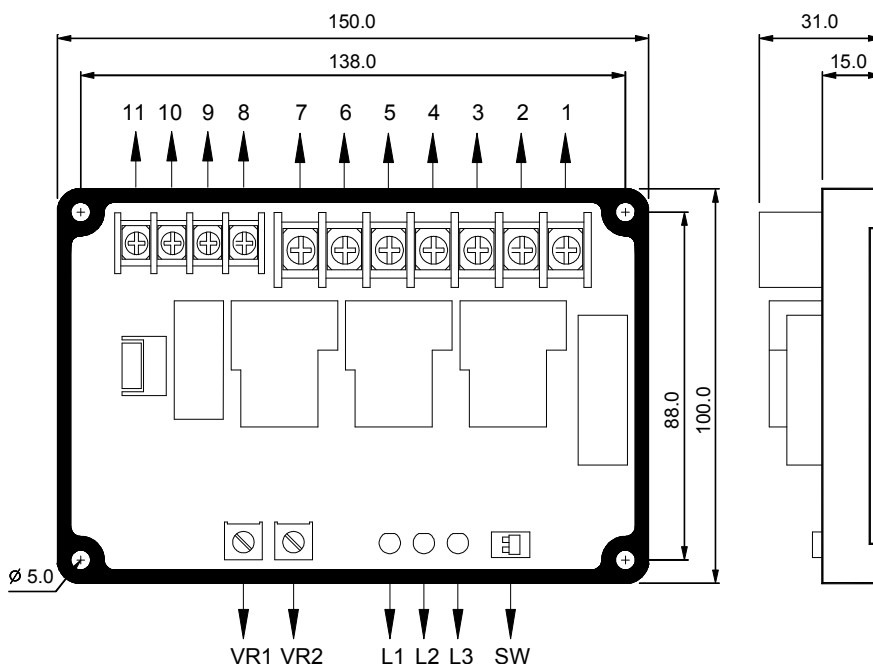
### Specifications

DC Supply	12VDC (ECU-XX-12V)	Ignition & Accessories Signal Output	30Amp @ 12/24VDC
	24VDC (ECU-XX-24V)		Start Signal Output
Alternator Input Range	100V ~ 240VAC	Pre-Heat or Carburetor Signal Output	30Amp @ 12/24VDC
	50 ~ 60 Hz		Auxiliary Signal Output
Operating Temperature	-20 to 80 °C	Relative Humidity	< 95%
Weight	380 g	Dimensions	150 (L) x 100 (W) x 31 (H)mm

### Time Delay Setting And Alarm Indicator

L1	Remote Start Activated Indicator LED	VR1	Engine Pre-Heat Time Adjustment ( 1 ~25 Seconds)
L2	Generator Running Indicator LED	VR2	Starter cranking time adjustment ( 1 ~25 Seconds)
L3	Start Fail Indicator LED	SW	Function Selectable Switch

### Mechanical Specifications (mm)



#### ECU-04

- SW On : For Use on Diesel Engine with Pre-Heat
- SW Off : For Use on Gasoline Engine with Carburetor

#### ECU-05

- SW On : For Use Terminal NO.3 with Pre-Heat Function
- SW Off : For Use Terminal NO.3 with Energize to Stop Function



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