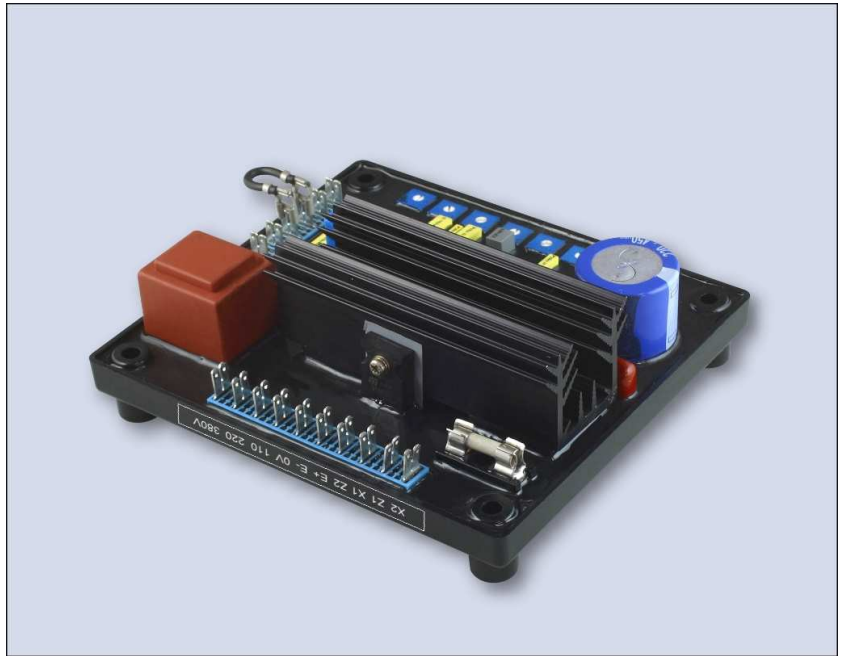


# EA08A

## 8 Amp With Full Harmonic (Compounding Winding) AVR or Harmonic + Auxiliary Winding Automatic Voltage Regulator PWM Output

### Features

- $< \pm 1\%$  Regulation
- 110 / 220 / 400 VAC Programmable Input
- Harmonic Frequency 40~500Hz
- Harmonic Voltage 25~300VAC
- Under Frequency Protection
- Two-stage For STAB Adjusting Range
- PWM Output



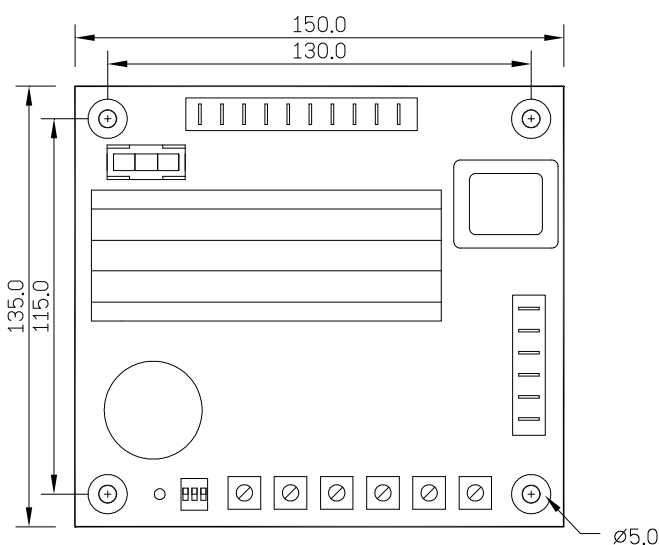
### Specifications

Sensing Input	Terminal 0-110V = 95 ~ 140V	Unload Harmonic+Auxiliary Winding	>40VAC
	Terminal 0-240V = 185 ~ 250V	Full Load Harmonic	<180VAC Single Phase 150/180Hz
	Terminal 0-400V = 310 ~ 540V	+Auxiliary Winding	
Output	Frequency 50/60Hz Single Phase	Voltage Build-up	Harmonic Residual Volt. >5 VAC
	Voltage 90VDC @ 220VAC	Under Frequency Protection	U/F Range 42 ~ 62Hz
	Current Continuous 8A	External Voltage Adjustment	$\pm 10\%$ @ 1K $\Omega$
	Intermittent 12A for 10sec	EMI Suppression	Internal Electromagnetic Interference Filtering
	Resistan 10~100 $\Omega$	Voltage Regulation	< $\pm 1\%$ (with 4% engine governing)

### Environment

Vibration 1.5G @ 5 ~ 30 Hz 5.0G @ 30 ~ 500 Hz	Relative Humidity < 95%
Operating Temperature -40 ~ 60°C	Storage Temperature -40 ~ 85°C

### Mechanical Specifications



UNIT : mm

AVR Controls	Functions
VOLT	Voltage Adjustment
STAB	Stability Adjustment
U/F	UFRO Knee point set
DROOP	Droop Adjustment
TRIM	Analogue Input Adjustment
U/F DIP	U/V Rate Set

#### Physical Specifications

Dimension	150.0 (L) x 135.0 (W) x 55.3 (H) mm
Weight	480 g $\pm$ 2%