

EA04C

Self Excited Automatic Voltage Regulator Sensing Input 400VAC 50/60HZ

Feature

- $\pm 1\%$ Regulation
- Sensing Input 400VAC 50/60HZ
- For Use In 50 / 60 Hz Brushless Generator
- Under Frequency & Over Excitation Protection
- EMI Suppression
- Built-in High Breaking Capacity Fuse



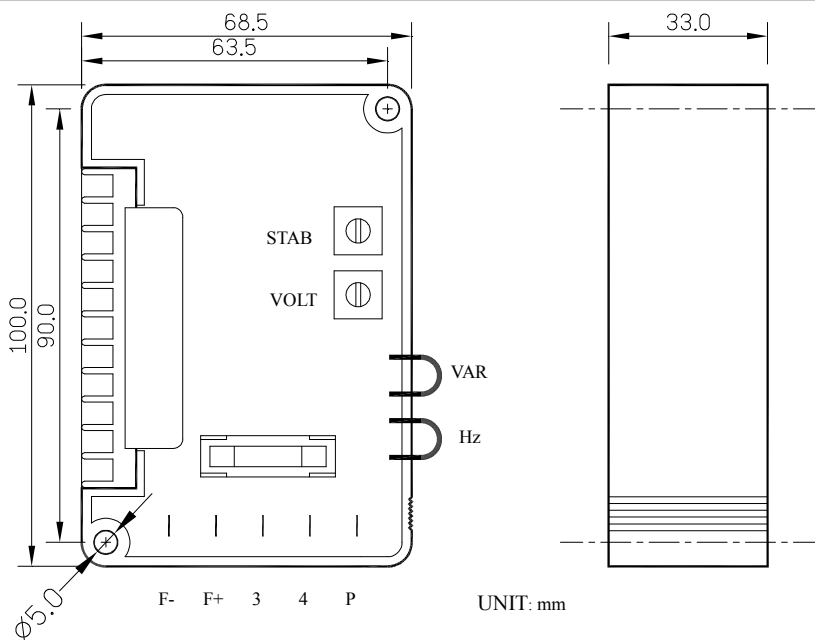
Specification

Sensing Input	Voltage	300 ~ 550VAC Single Phase	Under Frequency Protection	U/F Knob 43~60HZ
	Frequency	50/60Hz Selectable	External Volts Adjustment	$\pm 15\%$ @ 1K Ω
Power Input	Voltage	90 ~ 240VAC Single Phase	Voltage Build-up	Residual voltage at AVR terminal >5VAC
Output	Voltage	Max. 32VDC @ 120VAC input Max. 63VDC @ 240VAC input	Over Excitation Shutdown	Field volts shut down after a time delay if exciter Field volts exceed 100 \pm 5 VDC
	Current	Continuous 4A Intermittent 7A for 60 sec.	EMI Suppression	Internal electromagnetic interference filtering
	Resistance	15~100 Ω	Thermal Drift	0.05% per $^{\circ}$ C change in AVR ambient
			Unit Power Dissipation	Max. 12Watt
Voltage Regulation	$\pm 1\%$ (with 4% engine governing)			

Environment

Vibration	1.5G @ 5 ~ 30 Hz 5.0G @ 30 ~ 500 Hz	Relative Humidity	<math>< 95\%</math>
Operation Temperature	-40 ~ 60 $^{\circ}$ C	Storage Temperature	-40 ~ 85 $^{\circ}$ C

Mechanical Specifications



AVR Control Function

VOLT	Voltage Adjustment
STAB	Stability Adjustment
HZ	50/60HZ Selectable
VAR	Ex. VR

Physical Specification

Dimension	203.0 (L) x 153.0 (W) x 60.5 (H)mm
Weight	230 g \pm 2%

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