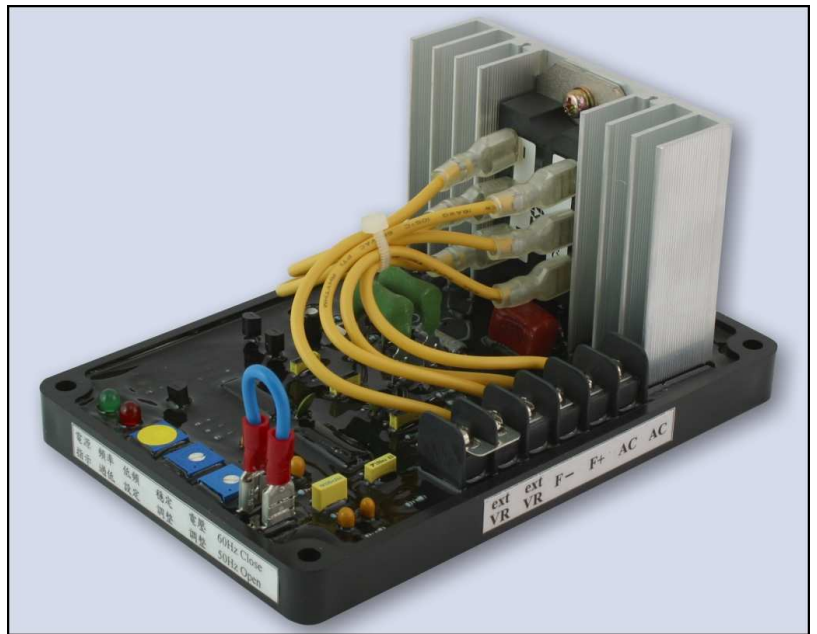


EA05AF

Universal Automatic Self Excited 5 Amp Full Wave Voltage Regulator

Features

- $< \pm 1\%$ Regulation
- 220VAC Full Wave Rectifier
- Max. Output Voltage > 170 VDC
- Under Frequency Protection
- Soft Start Voltage Ramping
- Under Frequency Protection
- Built-in High Breaking Capacity Fuse



Specifications

Sensing & Power Input	Voltage	160 ~ 260 VAC, 1 phase 2 wire	Voltage Build-up	More than > 5 VAC Residual voltage needed
	Frequency	50 / 60 Hz selectable	External Volts Adjustment	$\pm 10\%$ with 5K Ω 1 watt trimmer
Output	Voltage	Max. 170 VDC @ 240 VAC input	Soft Start Ramp Time	2 sec.
	Current	Continuous 5A Intermittent 7A for 10 sec.	Unit Power Dissipation	Max. 8 watt
	Resistance	Min. 9 Ω Max. 100 Ω	Thermal Drift	0.03% per $^{\circ}\text{C}$ change in AVR ambient
Voltage Regulation		$< \pm 1\%$ (with 4% engine governing)	Under Frequency Protection (Factory Setting)	For 60 Hz knee point set at 55 Hz For 50 Hz knee point at 45 Hz

Environment

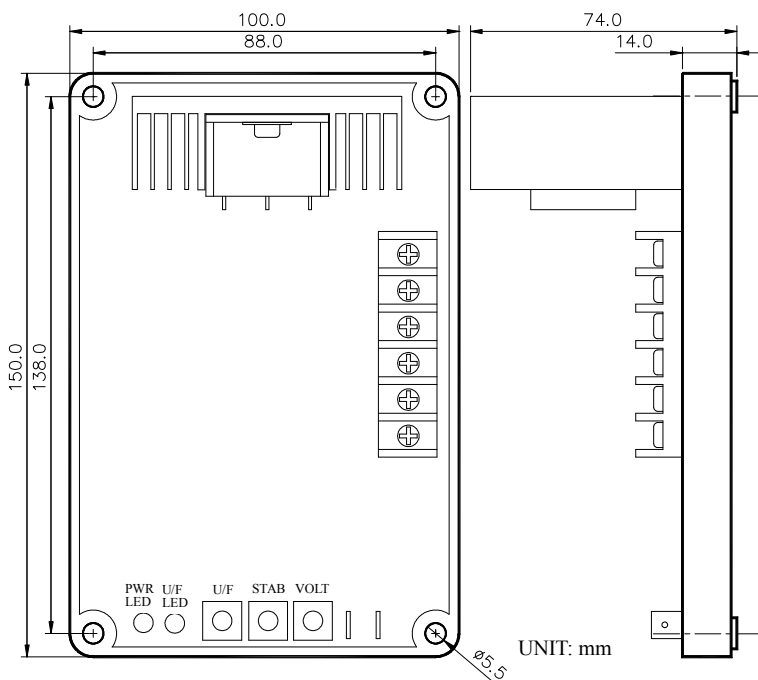
Vibration 3.3 G @ 100 ~ 2K Hz

Relative Humidity $< 95\%$

Operating Temperature $-40 \sim 65^{\circ}\text{C}$

Storage Temperature $-40 \sim 80^{\circ}\text{C}$

Mechanical Specifications



AVR Controls Function

VOLTS	Voltage Adjustment
STAB	Stability Adjustment
U/F	U/F* Knee Point Set
*U/F: Under Frequency protection	

Physical Specifications

Dimensions	150.0 (L) x 100.0 (W) x 74.0 (H) mm
Weight	421 g $\pm 2\%$

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



KUTAI ELECTRONIC CO., LTD. ISO 9001

