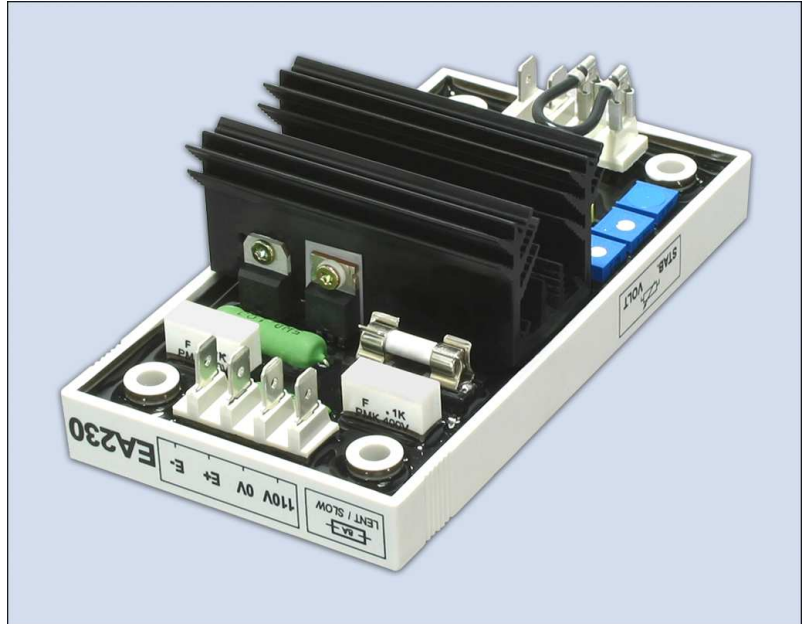


EA230

Self Excited Automatic Voltage Regulator Compatible with Leroy Somer*R230

Features

- $< \pm 1\%$ Regulation
- Economical Compact Design
- For use in 50/60 Hz Brushless Generators
- EMI Suppression
- Under Frequency Protection
- Overexcitation Current Shutdown
- 120 VAC Optional



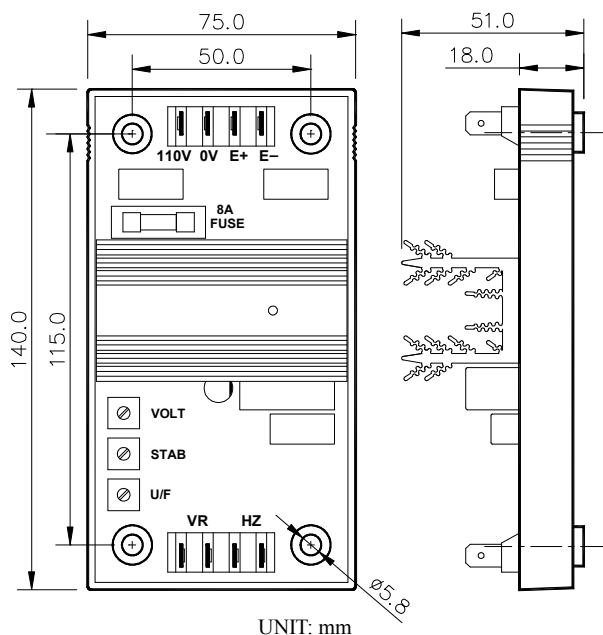
Specifications

Input	Voltage	120 VAC (90 ~ 140 VAC)	Voltage Regulation	$< \pm 1\%$ (within 4% engine governing)	
		1 phase 2 wire 50 ~ 60 Hz	Thermal Drift	0.03% per $^{\circ}\text{C}$ change in AVR ambient	
Output	Voltage	Max. 100 VDC @ 120 VAC input	External Volts Adjustment	$\pm 5\%$ with 5K Ω , 1/2 watt trimmer	
	Current	Continuous 8A Intermittent 10A for 10Sec.	Under Frequency Protection	Knee point 47/57 Hz (adjustable)	
Resistance	Min. 15 Ω	Unit Power Dissipation	Max. 6 watt	EMI Suppression	Internal Electromagnetic Interference Filtering
Voltage Build-up	Residual Volts at AVR terminal > 5 VAC				

Environment

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

Mechanical Specifications



AVR Controls	Function
VOLT	Voltage Adjustment
STAB	Stability Adjustment
U/F	U/F* Knee Point Set

Physical Specifications

Dimensions	140 (L) x 75 (W) x 51 (H) mm
Weight	310 g $\pm 2\%$
Shock	Withstands up to 20G in each X, Y, Z axes

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