

EA63-2.5

Self Excited Automatic Voltage Regulator Compatible with Basler* AVC63-2.5

Features

- **< ±1% Regulation**
- **Economical Compact Design**
- **For use in 50/60 Hz Brushless Generators**
- **EMI Suppression**
- **Under Frequency Protection**
- **120/240 VAC Optional****
- **Built-in High Breaking Capacity Fuse****

* Use for reference only, not a genuine Basler product

** Original Basler Model AVC63-2.5 cannot be used 120V Generators and do not have fuse protection.



Specifications

Input	Voltage	120 VAC (90 ~ 130 VAC) or 240 VAC (180 ~ 260 VAC)	Voltage Regulation	< ±1% (within 4% engine governing)
		1 phase 2 wire, DIP switch selectable	Voltage Build-up	Residual Volts at AVR terminal >10 VAC
	Frequency	45 ~ 65 Hz	External Volts Adjustment	±15% with 5K Ω, 2 watt trimmer
Output	Voltage	Max. 50 VDC @ 120 VAC input Max. 63 VDC @ 240 VAC input	Thermal Drift	0.05% per °C change in AVR ambient
	Current	Continuous 2.5A Intermittent 4A for 60 sec.	Unit Power Dissipation	Max. 10 watt
	Resistance	Min. 25 Ω	EMI Suppression	Internal Electromagnetic Interference Filtering
			Under Frequency Protection	Knee point adjustable range 45 ~ 55 Hz

Environment

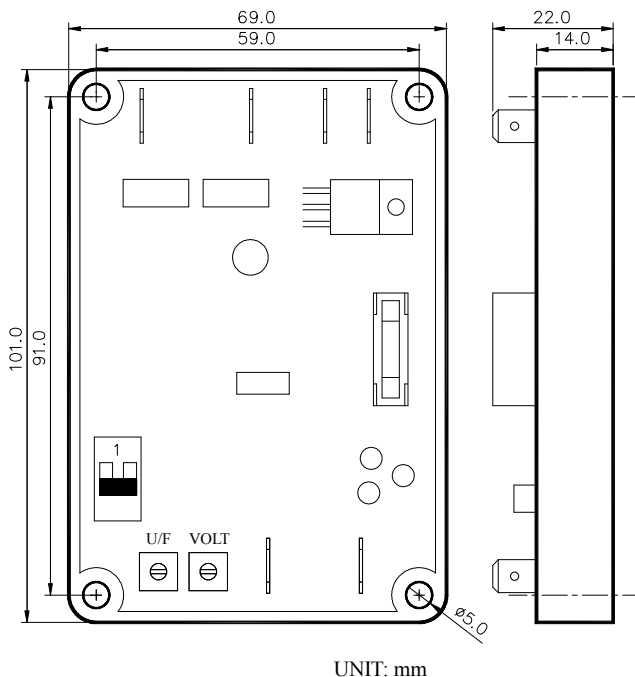
Vibration 1.5G @ 5 ~ 30 Hz 5.0G @ 30 ~ 500 Hz

Relative Humidity < 95%

Operating Temperature -40 ~ 60 °C

Storage Temperature -40 ~ 85 °C

Mechanical Specifications



AVR Controls	Function
VOLT	Voltage Adjustment
U/F	U/F* Knee Point Set
DIP	110V / 220V option
*U/F: Under Frequency protection	

Physical Specifications

Dimensions	101.0 (L) x 69.0 (W) x 22.0 (H) mm
Weight	107 g ± 2%
Shock	Withstands up to 20G in each X, Y, Z axes

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