

GAVR-15A

Universal 15 Amp 1/2 Wave Self Excited
Dip-Switch Programmable Automatic
Voltage Regulator

Features

- $<\pm 0.5\%$ Regulation
- 220/400 VAC Programmable Input
- Rugged Compact Design
- With Under Frequency Protection
- Soft Start Voltage Ramping
- EMI Suppression
- Built-in High Capacity 15Amp Fuse

Specifications

Sensing Input	Voltage	220/400VAC, 1phase 2wire
Power Input	Volage	180~260VAC, 1phase 2wire
Output	Voltage	Max.90VDC@240VACinput
	Current	Continuous 6A Intermittent 12A for 10SEE.
	Resistance	Min.10 Ω Max.100 Ω

Under Frequency Protection 60Hz system presets knee point at 57Hz
(Factory Settings) 50Hz system presets knee point at 47Hz

Volts Regulation $<\pm 1\%$ (with 4% engine governing)

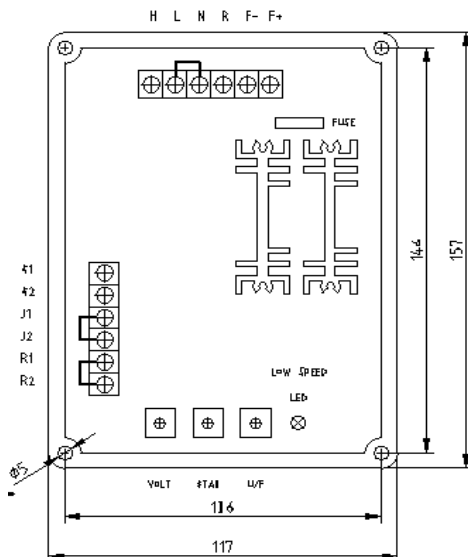
Environment

Vibration 3G@100~2K Hz
Operating Temperatuer -40~65 °C



Voltage Build-up	Residual volts at AVR terminal $>5VAC$
External Volts Adjustment	$\pm 7\%$ with 1K Ω 1 with trimmer
Soft Start Ramp Time	3sec.
Unit power Dissipation	Max.8Watt
EMI Suppression	Internal Electromagnetic Interference Filtering
Thermal Drift	0.05% per °C change in AVR ambient

Mechanical Specifications



Relative Humidity $<95\%$
Storage Temperature -40~85 °C

AVR Controls

- VolTS Voltage Adjustment
- STAB Stability Adjustment
- U/F TO Set the U/F* Knee Point
- *U/F: Under Frequency Protection

Physical Specification

Dimensions 157.0(L)117.0(W)70.0(H)mm

