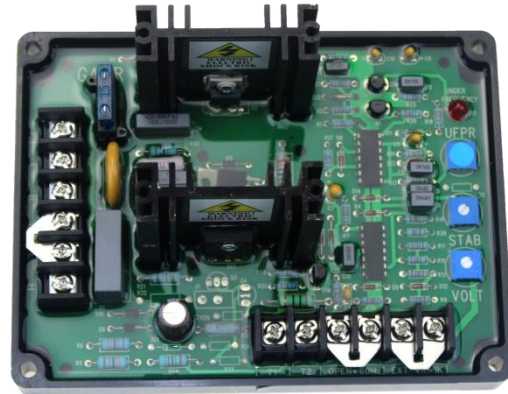


GAVR SERIES SPECIFICATION

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

Features

- ❖ $<\pm 0.5\%$ Regulation
- ❖ 220/400V AC Programmable Input
- ❖ Rugged Compact Design
- ❖ With Under Frequency Protection
- ❖ Soft Start Voltage Ramping
- ❖ EMI Suppression
- ❖ Built-in High Capacity 12Amp Fuse



Specifications

Sensing Input	Voltage	220/400V AC, 1phase2wire
Power Input	Voltage	180~240VAC, 1phase2wire
Output	Voltage	Max.90VDC@240VACinput
Volts Regulation	$< \pm 0.5\%$ (with 4%engine governing)	

Voltage Build-up	Residual 1volts at AVR terminal $> 5V$ AC
External Volts Adjustment	$\pm 7\%$ with 1K Ω 1 watt trimmer
Soft Start Ramp Time	3sec
Unit Power Dissipation	Max.8Watt
EMI Suppression	Internal Electromagnetic Interference Filtering
Thermal.Drift	0.05% per $^{\circ}C$ change in AVR ambient
Under Frequency Protection	60Hz system presets knee point at 57Hz
(Factory Settings)	50Hz system presets knee point at 47Hz

model	continuous	10seconds
GAVR-20A	15A	25A
GAVR-20A	12A	20A
GAVR-15A	10A	15A
GAVR-12A	8A	12A
GAVR-8A	5A	8A

Environment

Vibration 3G@ 100~2K Hz
Operating Temperature -40~65 $^{\circ}C$

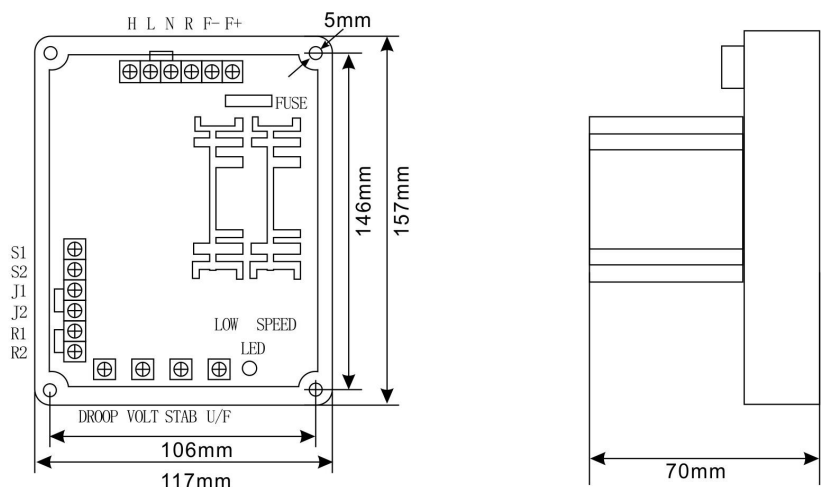
Relative Humidity $< 95\%$
Storage Temperature -40-85 $^{\circ}C$

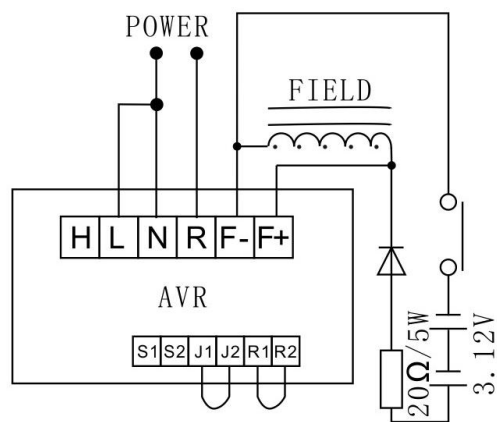
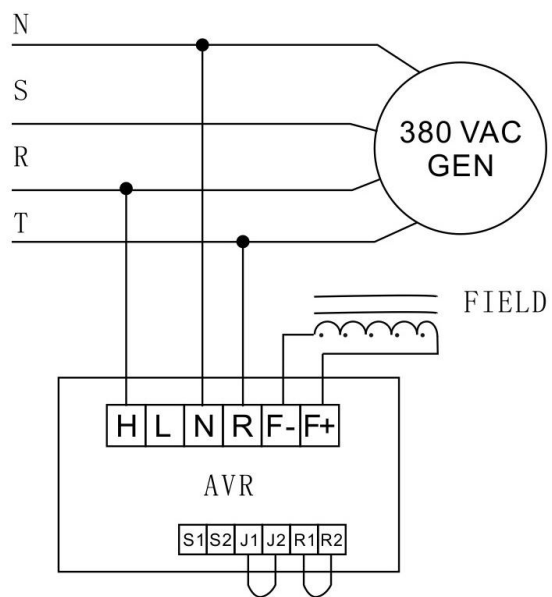
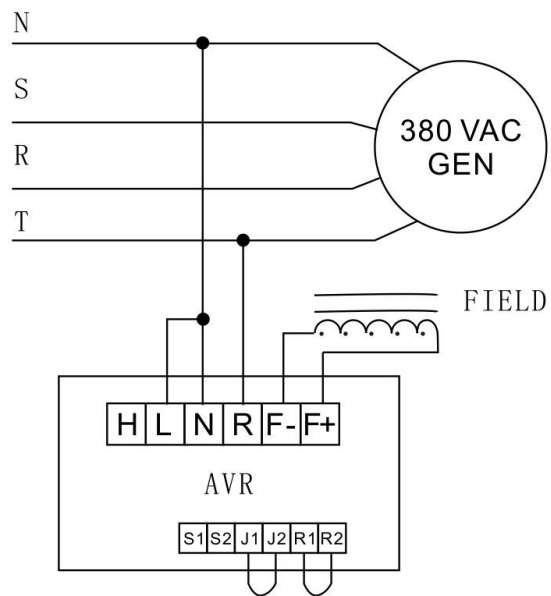
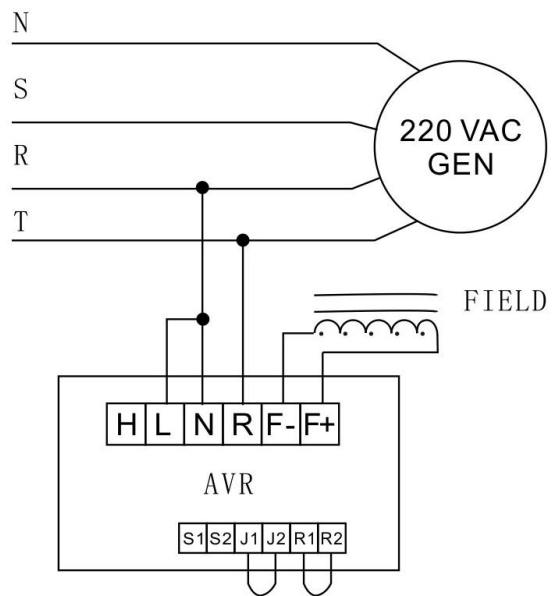
AVR Controls

VOITS Voltage Adjustment
STAB Stability Adjustment
U/F To Set the U/F* Knee Point
DROOP To set the reactive power
*U/F: Under Frequency Protection

Physical Specifications

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





- 1、 J1,J2,OPEN=60Hz
- 2、 J1,J2,CLOSE=50Hz
- 3、 R1,R2 to connect 1K/0.5W potentionmeter for remote adjustment
- 4、 S1,S2 to connect 0.1A CT for parallel apply