

VR2000E-A

FEATURES

- < ±1 % Regulation
- 110 | 220 | 400 VAC Input
- PMG input Frequency 40 to 500Hz
- PMG Voltage input from 25-300VAC
- PMG can be single and 3 phase
- Under Frequency Protection
- Two-stage For STAB Adjusting Range



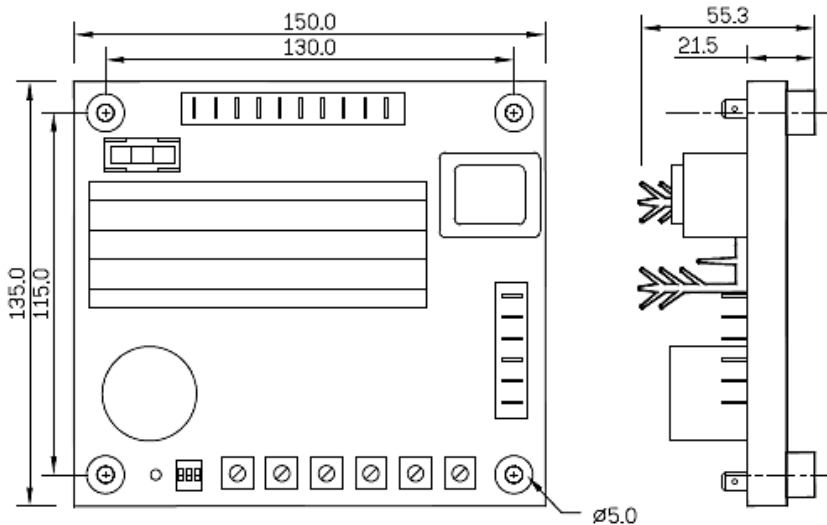
SPECIFICATIONS

Sensing Input	Terminal 0 - 110V = 95 ~ 140V	Full load PMG	Harmonic Residual Volt > 5 VAC
	Terminal 0 - 240V = 185 ~ 250V	+Auxiliary Winding	
	Terminal 0 - 400V = 310 ~ 540V	Voltage Build-up	
	Frequency 50/60Hz Single Phase	< 180 VAC Single Phase 150/180Hz	
Output	Voltage 90VDC @ 220VAC	Under Frequency Protection	U/F Range 42 - 62Hz
	Current Continuous 8A	External Voltage Adjustment	±10% with 1K Ohm
	Intermittent 12A for 10 seconds	EMI Suppression	Internal Electromagnetic Interference Filtering
	Resistance 10 to 100 Ohms	Voltage Regulation	< ±1% (with 4% engine governing)

ENVIRONMENT

Vibration	1.5G @ 5 -30 Hz 5.0G @ 30 -500 Hz	Relative Humidity < 95%
Operating Temperature	-40°C to 60°C	Storage Temperature -40°C ~ 80°C

MECHANICAL SPECIFICATIONS



AVR CONTROLS | FUNCTIONS

VOLT	Voltage Adjustment
STAB	Stability Adjustment
U/F	UFRO Knee point set
DROOP	Drop Adjustment
TRIM	Analogue Input Adjustment
U/F DIP	U/V Rate Set

PHYSICAL SPECIFICATIONS

Dimensions
150.0 (l) x 135.0 (W) x 55.3 (H) mm

Weight
480 g ± 2%