

EA08A

8 Amp With Full Harmonic (Compounding Winding) AVR or Harmonic + Auxiliary Winding or PMG Automatic Voltage Regulator PWM Output

Compatible with Leroy Somer* R448, R449 and R438 regulators

*All manufacturer names, numbers, symbols and descriptions are used for reference purpose only and do not imply that any part is the product of these manufacturer.

Features

- Voltage Regulation < ±1%
- 110 / 220 / 380 VAC Programmable Input
- Harmonic Frequency 40~500 Hz
- Harmonic Voltage 25~300 VAC
- Under Frequency Protection
- Two-stage For STAB Adjusting Range
- PWM Output



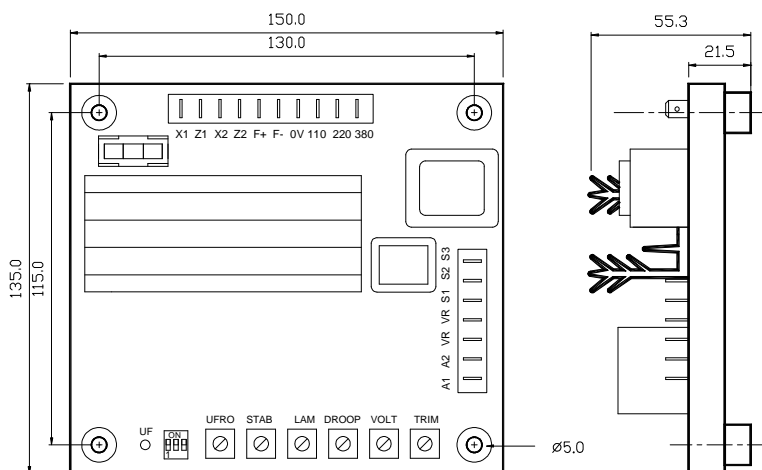
Specifications

Sensing Input	Terminal 0-110V = 95~135V Terminal 0-220V = 180~250V Terminal 0-380V = 360~515V Frequency 50/60 Hz single phase	Volts Regulation	< ±1% (with 4% engine governing)
Output	Voltage 150 VDC @ 220 VAC Current Continuous 8A Intermittent 12A for 10 sec. Resistance 10~100 Ω	Voltage Build-up	Harmonic residual volt. > 5 VAC
		External Volts Adjustment	±10% @ 1 KΩ
		EMI Suppression	Internal electromagnetic interference filtering
		Under Frequency Protection	U/F range 42~62 Hz
		Drop Current Transformer	N:5A or N:1A
		Unload Harmonic + Auxiliary Winding	> 40 VAC
		Full Load Harmonic + Auxiliary Winding	< 250 VAC single phase 40~500 Hz

Environment

Operation Temperature	-40~60 °C	Relative Humidity	Maximum 95%
Storage Temperature	-40~85 °C	Vibration	1.5G @ 5~30 Hz / 5.0G @ 30~500 Hz

Mechanical Specifications (Unit : mm)



AVR Control Function

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

Physical Specification

Dimensions	150.0 (L) x 135.0 (W) x 55.3 (H) mm
Weight	480 g ±2%