

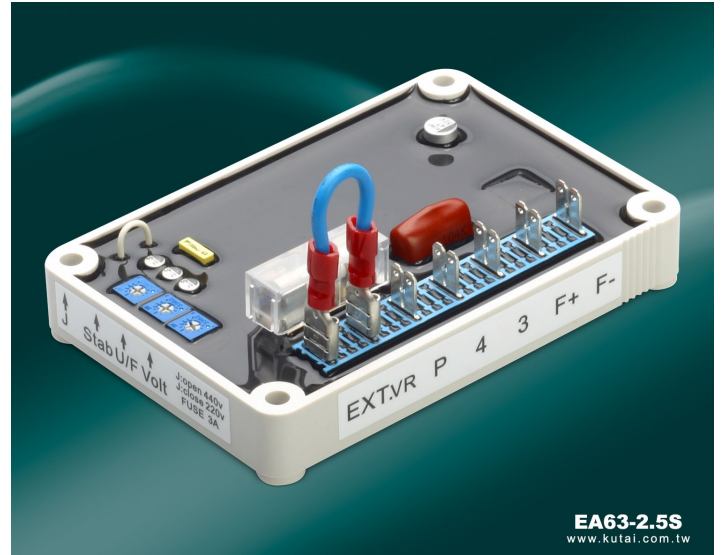
EA63-2.5S

Self Excited Automatic Voltage Regulator

Sensing 220Vac / 400Vac

Features

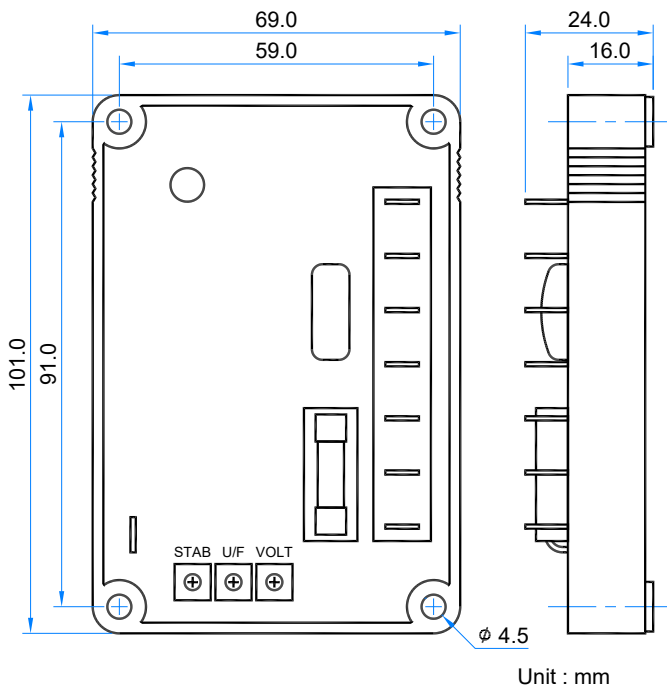
- Voltage regulation less than +/-1%
- Economical compact design
- For use in 50/60 Hz brushless generators
- EMI suppression
- Under frequency protection
- 220Vac / 400Vac optional
- Built-in high breaking capacity fuse
- Use with KUTAI EP200 Paralleling Module for parallel operation



Specifications

Sensing Input	Voltage	165 to 260 Vac @ 220 Vac	External Volts ADJ	Max. +/-15% @ 5K ohms 1 watt potentiometer
		320 to 530 Vac @ 400 Vac	Voltage Regulation	Less than +/-1% (with 4% engine governing)
	Frequency	50/60 Hz	Build Up Voltage	5Vac residual volts at power input terminal
Power Input	Voltage	120 to 260 Vac 1 phase	EMI Suppression	Internal electromagnetic interference filtering
Excitation Output	Voltage	Max. 32 Vdc @ power input 120 Vac	Static Power Dissipation	Max. 10 watts
		Max. 63 Vdc @ power input 220 Vac	Under Frequency Protection (Factory Presets)	Knee point adjustable range 45 to 55 Hz
	Current	Continuous 2.5A Intermittent 4A for 60 seconds	Voltage Thermal Drift	Less than 3% at -40 to +70 °C
	Resistance	Min. 25 ohms		

Dimensions



AVR Control Functions

VOLT	Voltage adjustment
STAB	Stability adjustment
U/F	Setting under frequency protection knee point

Environment

Operating Temperature	-40 to +60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	Max. 95%
Vibration	1.5 Gs @ 5 to 30 Hz 5.0 Gs @ 30 to 500 Hz

Physical Specifications

Dimensions	101.0 (L) x 69.0 (W) x 24.0 (H) mm
Weight	107 g +/-2%
Shock	Withstands up to 20G in each X, Y, Z axes

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



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