

EA63-4

Self Excited Automatic Voltage Regulator

Compatible with Basler AVC63-4A regulator

Features

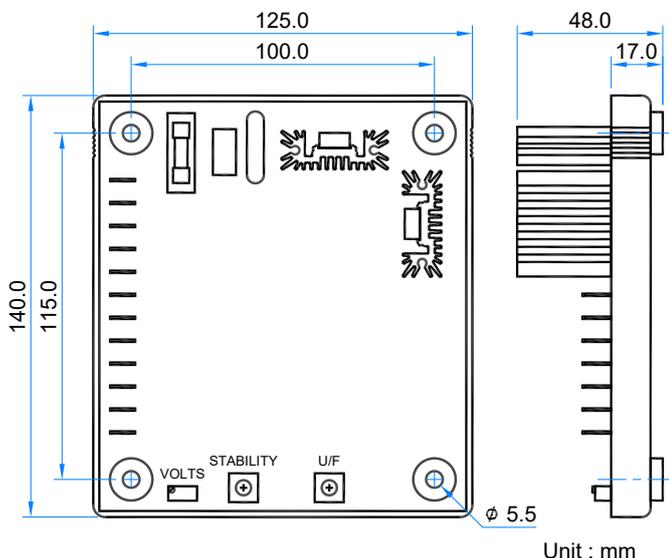
- Voltage regulation less than +/-1%
- Under frequency protection
- Over excitation shut down
- EMI suppression
- Adjustable voltage & stability
- Built-in high breaking capacity fuse



Specifications

Sensing Input	Voltage	95 to 139 Vac +/-10%	External Volts Adjustment	+/-15% @ 10K ohms 1 watt potentiometer	
		190 to 277 Vac +/-10%		Voltage Regulation	Less than +/-1% (with 4% engine governing)
		1 phase 2 wire			Build Up Voltage
	Frequency	50/60 Hz selectable	EMI Suppression	Internal electromagnetic interference filtering	
Power Input	Voltage	95 to 139 Vac +/-10% 1 phase 2 wire		Static Power Dissipation	Max. 15 watts
	Frequency	50/60 Hz	Under Frequency Protection (Factory Presets)		Knee point adjustable range 45 to 55 Hz
Output	Voltage	Max. 63 Vdc		Over Excitation Shutdown	Field volts shut down after time delay if exciter field volts exceeds 95 Vdc +/-5%
	Current	Continuous 4A			Intermittent 7A for 60 seconds / 9A for 10 seconds
	Resistance	Min. 15 ohms Max. 100 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	140.0 (L) x 125.0 (W) x 48.0 (H) mm
Weight	280 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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