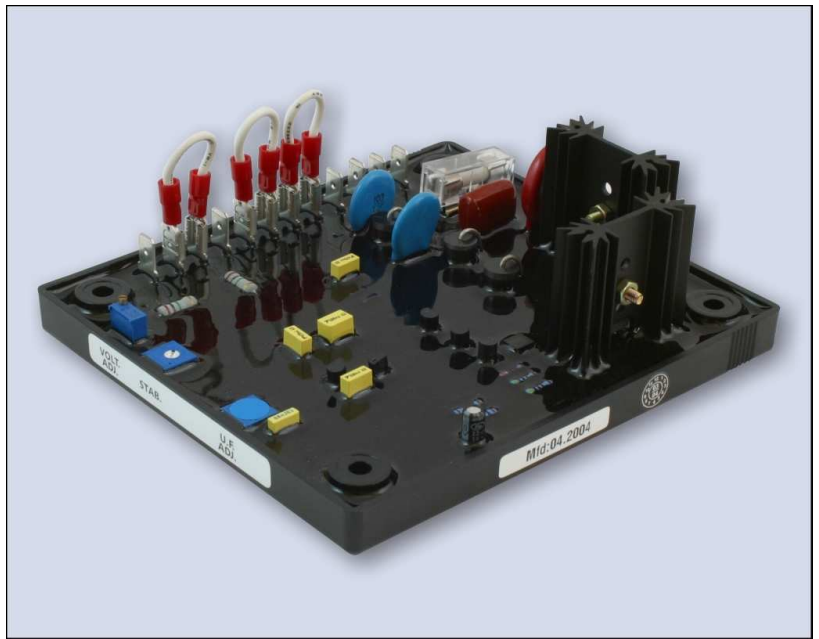


EA63-4

Self Excited Automatic Voltage Regulator Compatible with Basler* Model VC63-4A

Features

- $< \pm 1\%$ Regulation
- Under Frequency Protection
- Over Excitation Shut Down
- EMI Suppression
- Adjustable Voltage & Stability
- Built-in High Breaking Capacity Fuse



* Use for reference purpose only, not a genuine Basler product

Specifications

Sensing Input	Voltage	120 (95 ~ 139) or 240 (190 ~ 277)	Voltage Regulation	$< \pm 1\%$ (with 4% engine governing)	
		1 phase 2 wire		Voltage Build-up	Residual volts at AVR terminal > 5 VAC
Power Input	Frequency	50 / 60 Hz	External Volts Adjustment		$\pm 15\%$ with 10K Ω 1 watt trimmer
	Voltage	95 ~ 139 VAC, 1 phase 2 wire		Thermal Drift	0.05% per $^{\circ}\text{C}$ change in AVR ambient
Output	Voltage	Max. 63 VDC	Unit Power Dissipation		Max. 15 watt
	Current	Continuous 4A		EMI Suppression	Internal Electromagnetic Interference Filtering
		Intermittent 7A for 60 sec. 9A for 10 sec.			Under Frequency Protection
	Resistance Min. 15 Ω - Max. 100 Ω		Over Excitation Shutdown	Field volts shut down after time delay if exciter field volts exceeds 95 VDC $\pm 5\%$	

Environment

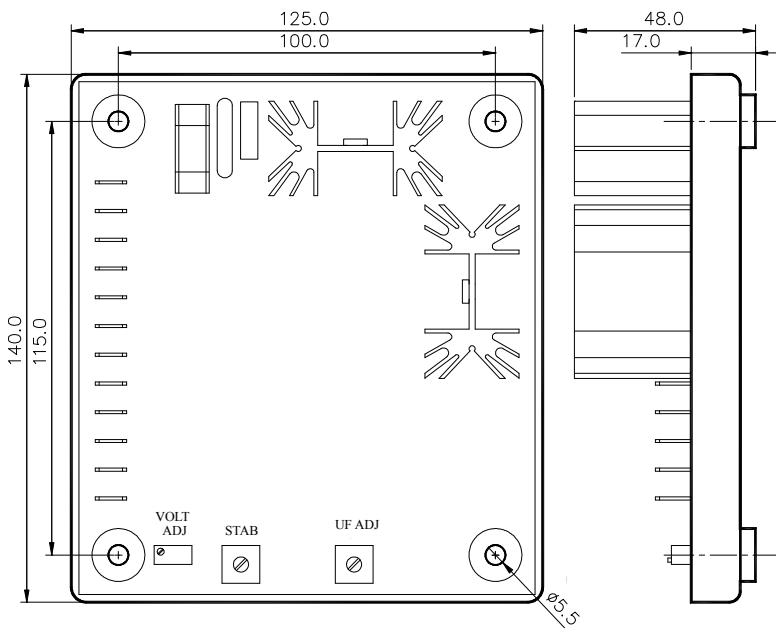
Vibration 1.5G @ 5 ~ 30 Hz 5.0G @ 30 ~ 500 Hz

Relative Humidity $< 95\%$

Operating Temperature $-40 \sim 60^{\circ}\text{C}$

Storage Temperature $-40 \sim 85^{\circ}\text{C}$

Mechanical Specifications



UNIT: mm

AVR Controls Function

VOLT ADJ	Voltage Adjustment
STAB	Stability Adjustment
U/F	U/F Knee Point Set
*U/F: Under Frequency protection	

Physical Specifications

Dimensions	140.0 (L) x 125.0 (W) x 48.0 (H) mm
Weight	280g $\pm 2\%$
Shock	Withstands up to 20G in each X, Y, Z axes

Please link to <http://www.kutai.com.tw> for detailed manual