

63-4 A

Self Excited Automatic Voltage Regulator
Compatible With Basler* Models VR63-4
& VR63-4A

Features

- $< \pm 1\%$ Regulation
- For Use In 50/60 Hz Brushless Generators
- Optional 120/240 VAC** Sensing Voltage Switch
- Under Frequency & Over Excitation Protection
- EMI Suppression
- Built-in High Breaking Capacity Fuse**

* Use for reference only, not a genuine Basler product

** Basler Model VR63-4A only fits 120 VAC Generators, and Basler Model VR63-4 only fits 240 VAC Generators respectively, and both original Basler models do not have fuse protection.



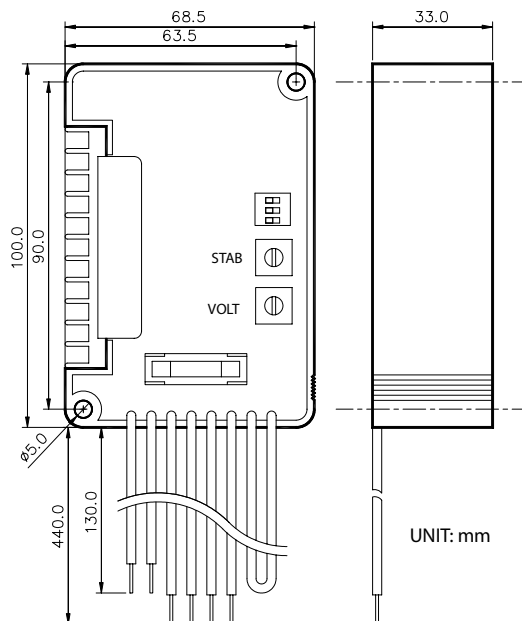
Specifications

Sensing & power Input	Voltage	120 (90 ~ 132) / 240 (171 ~ 264)	Thermal Drift	0.05% per $^{\circ}\text{C}$ change in AVR ambient
		Dip switch selectable	External Volts Adjustment	$\pm 15\%$ with 1K Ω 1 watt trimmer
		Frequency 50 / 60 Hz selectable	EMI Suppression	Internal electromagnetic interference filtering
Output	Voltage	Max. 32 VDC @ 120 VAC input Max. 63 VDC @ 240 VAC input	Unit Power Dissipation	Max. 8 watt
	Current	Continuous 4A	Under Frequency Protection (Factory Setting)	60 Hz system presets knee point at 55 Hz 50 Hz system presets knee point at 45 Hz
		Intermittent 7A for 60 sec.	Over Excitation Shutdown	Field volts shut down after a time delay if exciter field volts exceed 100 ± 5 VDC.
Voltage Build-up	Residual voltage at AVR terminal > 5 VAC			

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



AVR Controls

VOLTS	Voltage Adjustment
STAB	Stability Adjustment

Physical Specifications

Dimensions	100.0 (L) x 68.5 (W) x 33.0 (H) mm
Weight	230 g $\pm 2\%$