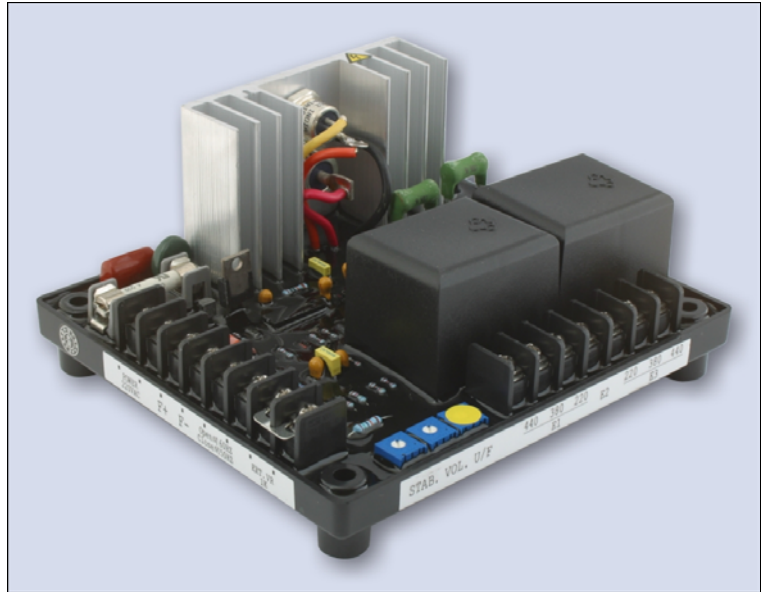


SS15/3P

Universal 15 Amp 1/2 Wave Self Excited 3 Phase Voltage Sensing Automatic Voltage Regulator

Features

- $< \pm 1\%$ Regulation
- 220/380/440/480V Input Voltage Sensing
- 3 Phase Sensing
- High 15A Output Current
- 50/60 Hz Under Frequency Protection
- Soft Start Ramping
- Built-in High Breaking Capacity Fuse



Specifications

Sensing Input	Voltage	180 ~ 500 VAC, 3 phase 3 wire,
	Frequency	50 / 60 Hz selectable
Power Input	Voltage	100 ~ 300 VAC, 1 phase 2 wire
Output	Voltage	Max. 90 VDC @ 240 VAC input
	Current	Continuous 15A Intermittent 20A for 10 sec
	Resistance	Min. 4 Ω @ 35 Volts Output

Voltage Regulation	$< \pm 0.5\%$ (with 4% engine governing)
Voltage Build-up	Residual voltage at AVR terminal $> 5VAC$
External Volts Adjustment	$\pm 15\%$ with 1K Ω 1 watt trimmer
Soft Start Ramp Time	2 sec.
Thermal Drift	0.03% per \square change in AVR ambient
Unit Power Dissipation	Max. 8 watt
Under Frequency Protection (Factory Setting)	60 Hz system presets knee point at 55 Hz 50 Hz system presets knee point at 45 Hz

Environment

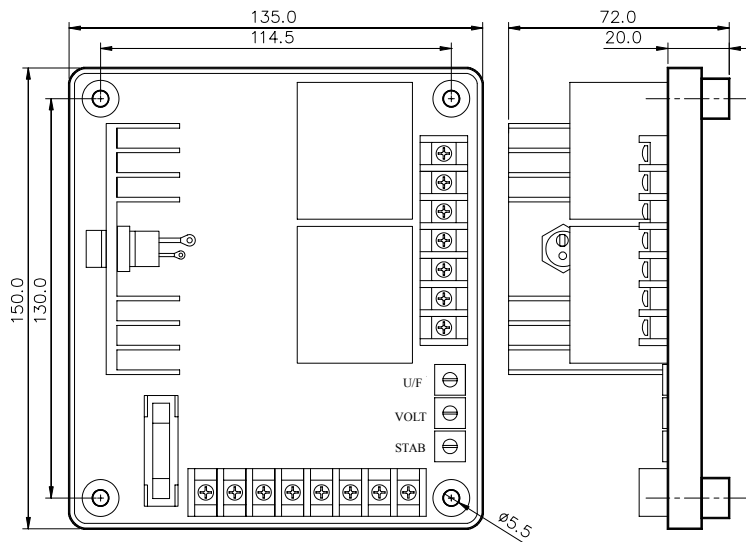
Vibration 3.3G @ 100 ~ 2K Hz

Relative Humidity $< 95\%$

Operating Temperature $-40 \sim 65 \square$

Storage Temperature $-40 \sim 85 \square$

Mechanical Specifications



UNIT: mm

AVR Controls

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

Physical Specifications

Dimensions	150.0 (L) x 135.0 (W) x 72.0 (H) mm
Weight	867 g $\pm 2\%$

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