

EA05AF

Universal Automatic Self Excited 5 Amp Full Wave Voltage Regulator

Compatible with Onan* VR21 series regulators

Features

- Voltage regulation < +/- 1%
- 220 Vac full wave rectifier
- Max. output voltage > 170 Vdc
- Under frequency protection
- Soft start voltage ramping
- Under frequency protection
- Built-in high breaking capacity fuse

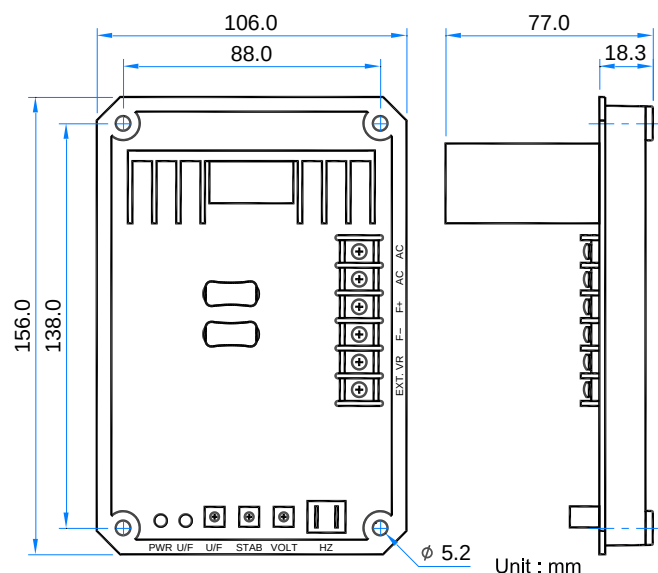


*All manufacturer names, numbers, symbols and descriptions are used for reference purpose only and do not imply that any part is the product of these manufacturer.

Specifications

Sensing & Power Input	Voltage	160-260 Vac 1 phase 2 wire	Unit Power Dissipation	Max. 8 watts
	Frequency	50 / 60 Hz selectable	External Volts Adjustment	+/- 10% with 5K ohms 1 watt trimmer
Output	Voltage	Max. 170 Vdc @ 240 Vac input	Soft Start Ramp Time	2 sec.
	Current	Continuous 5A	Under Frequency Protection (Factory Knee Point Setting)	
		Intermittent 7A for 10 sec.		50 Hz system presets knee point at 45 Hz
	Resistance	Min. 15 ohms Max. 100 ohms		60 Hz system presets knee point at 55 Hz
Volts Regulation	< +/- 1% (with 4% engine governing)		Environment	Operation Temperature -40 - +65 °C
Build Up Voltage	Residual volts at AVR terminal > 5 Vac			Storage Temperature -40 - +80 °C
Voltage Thermal Drift	0.03% per °C change in AVR ambient			Relative Humidity Max. 95%
				Vibration 3.3Gs @ 100-2K Hz

Mechanical Specifications



AVR Control Function

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

Physical Specification

Dimensions	156.0 (L) x 106.0 (W) x 77.0 (H) mm
Weight	421 g +/- 2%



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