

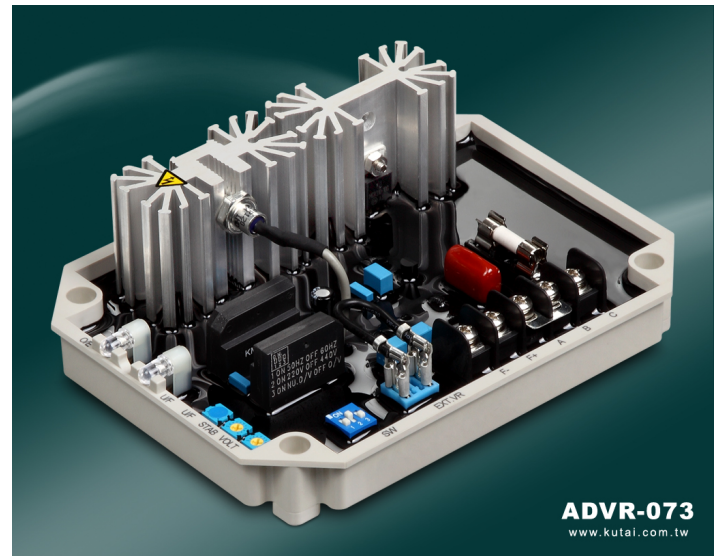
ADVR-073

Self Excited Automatic Voltage Regulator 7Amp AVR for General Generators

Compatible with Basler KR7, Airman DST-100-2, Markon 36245, Markon MD1C, Petrus 265-06S

Features

- Voltage regulation less than +/-0.5%
- 220/380/440/480 Vac programmable input
- Rugged compact design
- With under frequency protection
- Over excitation protection
- Soft start voltage ramping
- EMI suppression
- Built-in high capacity 8Amp fuse

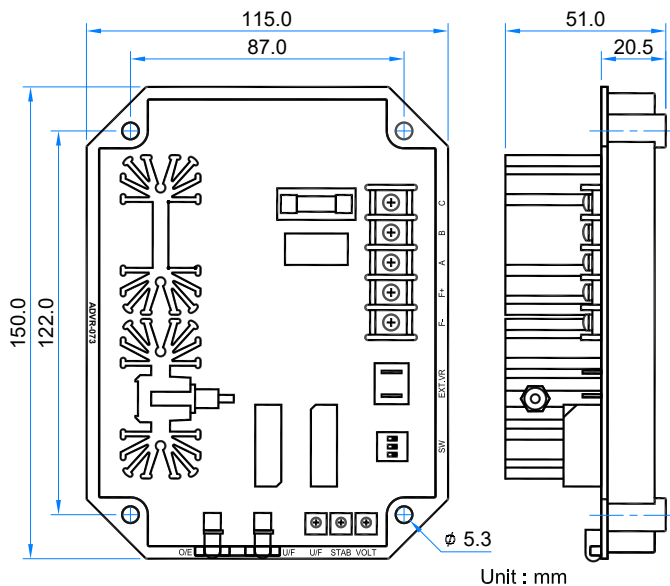


ADVR-073
www.kutai.com.tw

Specifications

Sensing Input	Voltage 170 to 520 Vac 1 phase 2 wire	Build Up Voltage	Residual volts at AVR terminal > 5 Vac
	DIP switch selectable	EMI Suppression	Internal electromagnetic interference filtering
	Frequency 50/60 Hz DIP switch selectable	Thermal Drift	0.03% per °C change in AVR ambient
Power Input	Voltage 100 to 300 Vac 1 phase 2 wire	Unit Power Dissipation	Max. 8 watts
Output	Voltage Max. 63 Vdc @ 220 Vac input	Soft Start Ramp Time	3 seconds
	Current Continuous 7A	Over Excitation Protection	78 +/-5 Vdc @ 220 Vac 5 seconds
	Intermittent 15A for 10 seconds	External Volts Adjustment	7% with 1 kΩ 1 watt trimmer
	Resistance Min. 9 Ω Max. 100 Ω	Under Frequency Protection (Factory Knee Point Setting)	
Volts Regulation	Less than +/-0.5% (with 4% engine governing)	50 Hz system presets knee point at 45 Hz	
		60 Hz system presets knee point at 55 Hz	

Dimensions



Environment

Operating Temperature	-40 to +60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	Max. 95%
Vibration	3.0 Gs @ 100 to 2K Hz

AVR Control Functions

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

Indication LED

O/E LED	Over excitation protection indicator
U/F LED	Under frequency protection indicator

Physical Specifications

Dimensions	150.0 (L) x 115.0 (W) x 51.0 (H) mm
Weight	440 g +/-2%

