

EA75A220

Self Excited Automatic Voltage Regulator 75 Amp AVR Compatible with Carbon Brush Type Generators

Features

- Voltage Regulation $< \pm 1\%$
- 50/60 Hz Selective
- Full Wave or Half Wave Version Available
- Adjustable Voltage, Stability & Field Limit
- Optional Under Frequency Protection and Parallel Connection Function
- Built-in High Breaking Capacity Fuse



Specifications

Input	Voltage	170 ~ 265 VAC, 1 phase 2 wire	Volt. Regulation	$< \pm 1\%$ (with 4% engine governing)
	Frequency	50 / 60 Hz selectable	Volt Build-up	Residual volts at AVR terminal > 5 VAC (25Hz)
Output	EA75A220H	Max. 90 VDC @ 220VAC input	External Volt. Adj.	$\pm 10\%$ with 1K Ω 1 watt trimmer
	EA75A220F	Max 180 VDC @ 220VAC input	Under Freq. Protection	60 Hz system presets knee point at 55 Hz 50 Hz system presets knee point at 45 Hz
	Current	Continuous 75 A, Intermittent 100 A for 10 sec.	Dimensions	420 (L) x 150 (H) x 190 (W) mm
	Resistance	Min. 1.5 Ω	Operation Temp.	-40 ~ 60 $^{\circ}\text{C}$
Weight	EA75A220H	6.6 kg		
	EA75A220F	8.0 kg		



EA150A220

Self Excited Automatic Voltage Regulator 150 Amp AVR Compatible with Carbon Brush Type Generators

Features

- Voltage Regulation $< \pm 1\%$
- 50/60 Hz Selective
- Full Wave or Half Wave Version Available
- Adjustable Voltage, Stability & Field Limit
- Optional Under Frequency Protection and Parallel Connection Function
- Built-in High Breaking Capacity Fuse

Specifications

Input	Voltage	170 ~ 265 VAC, 1 phase 2 wire	Volt. Regulation	$< \pm 1\%$ (with 4% engine governing)
	Frequency	50 / 60 Hz selectable	Volt Build-up	Residual volts at AVR terminal > 5 VAC (25Hz)
Output	EA150A220H	Max. 90 VDC @ 220VAC input	External Volt. Adj.	$\pm 10\%$ with 1K Ω 1 watt trimmer
	EA150A220F	Max 180 VDC @ 220VAC input	Under Freq. Protection	60 Hz system presets knee point at 55 Hz 50 Hz system presets knee point at 45 Hz
	Current	Continuous 150 A, Intermittent 220 A for 10 sec.	Dimensions	610 (L) x 400 (H) x 280 (W) mm
	Resistance	Min. 1.5 Ω	Operation Temp.	-40 ~ 60 $^{\circ}\text{C}$
Weight		26.0 Kg $\pm 2\%$		

*Suffix—“H” indicates the AVR is compatible to half-wave voltage output Generators
“F” indicates the AVR is compatible to full-wave voltage output Generators
“L” indicates the AVR is functioned with under frequency protection

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



KUTAI ELECTRONIC CO., LTD. ISO 9001

