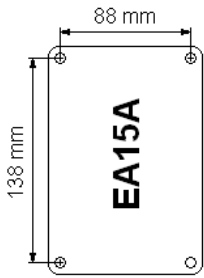
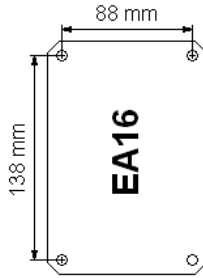


EA15A and EA16 Comparison Table

	EA15A		EA16	
Sensing Input	Voltage	220/380/440/480VAC, 1Phase 2 Wire, Jumper Selectable	Voltage	170 ~ 510VAC Single Phase 2 Wire, DIP Switch Selectable
	Frequency	50/60Hz Jumper Selectable	Frequency	50/60Hz DIP Switch Selectable
Power Input	Voltage	100~300VAC, 1 Phase 2 Wire	Voltage	60~300VAC, 1 Phase 2 Wire
Output	Voltage	Max. 90VDC @ 240VAC Input	Voltage	Max. 90VDC @ 240VAC Input
	Current	15A (Continuous) 20A for 10Sec. (Intermittent)	Current	16A (Continuous) 20A for 10Sec. (Intermittent)
	Resistance	Min. 9 Ohm	Resistance	Min. 5 Ohm
Voltage Regulation	< ± 0.5% (with 4% Engine Governing)		< ± 0.5% (with 4% Engine Governing)	
Voltage Build-up	Residual Voltage at AVR Terminal > 5VAC		Residual Voltage at AVR Terminal > 5VAC	
Ext. Voltage Adjustment	± 15% with 5 KΩ 1 Watt Trimmer		± 5% with 2KΩ 1 Watt Trimmer	
Soft Start Ramp Time	2Sec.		2Sec.	
Power Dissipation	Max. 10 Watt		Max. 10 Watt	
Thermal Drift	0.03% Per °C change in AVR ambient		0.03% Per °C change in AVR ambient	
Load Current Compensation	5A CT (N:5) Max. 7% @ PF 0.5		1A or 5A CT(N:1 / N:5) Max. 7% @ PF 0.5 DIP Switch Selectable	
Analogue Voltage Input	NA		Max. ±5VDC. ±10% @ ±3VDC	
Over Excitation Protection	NA		Max Output DCV 95% 20Sec	
Under Frequency Protection	45Hz @ 50Hz & 55Hz @ 60Hz (Factory Pre-set, Adjustable)		45Hz @ 50Hz & 55Hz @ 60Hz (Factory Pre-set, Adjustable)	
Environment	Operating Temperature	-40 ~ 70°C	Operating Temperature	-40 ~ 70°C
	Storage Temperature	-40 ~ 85°C	Storage Temperature	-40 ~ 85°C
	Relative Humidity	Maximum 95%	Relative Humidity	Maximum 95%
	Vibration	3.3G @ 100 ~ 2K Hz.	Vibration	3.3G @ 100 ~ 2K Hz.
Control Function	VOLT	Voltage Adjustment	VOLT	Voltage Adjustment
	STAB	Stability Adjustment	STAB	Stability Adjustment
	U/F	Under Frequency Protection Knee Point Setting	U/F	Under Frequency Protection Knee Point Setting
	DROOP	Droop Adjustment	DROOP	Droop Adjustment
	TRIM	NA	TRIM	Analogue Input Adjustment
Dimension	150.0(L) x 100.0(W) x 64.0(H) mm		156.0(L) x 106.0(W) x 41.0(H) mm	
	Fixing Orifice specification		Fixing Orifice specification	
Weight	600g ± 2%		450g ± 2%	