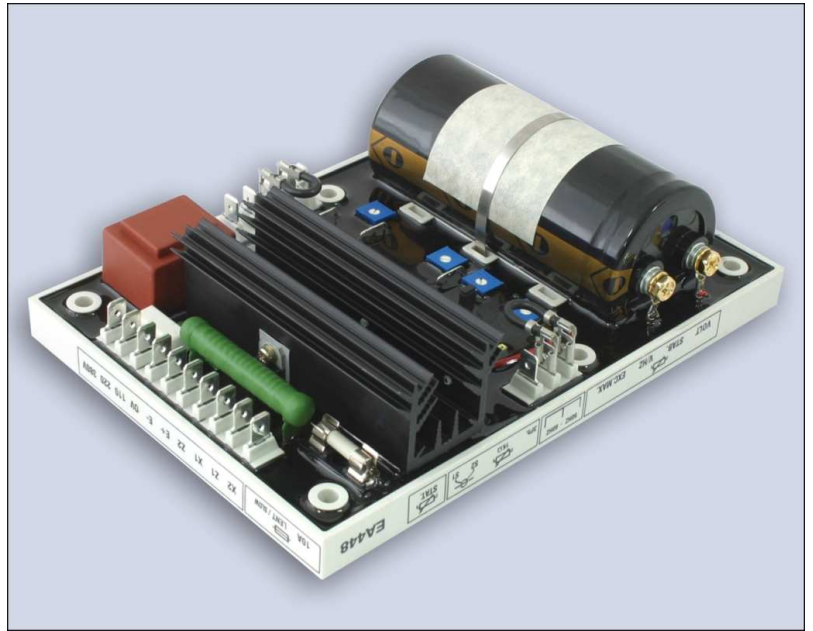


EA448

Permanent Magnet Generator or A.R.E.P or Auxiliary Winding Type Compatible with Leroy Somer* R448

Features

- $\pm 0.5\%$ Regulation
- Load Acceptance Module (LAM)
- 50 / 60 Hz Selectable
- Under Frequency & Exc. Max Protection
- Single Phase Or Three Phase Voltage Sensing
- Optional
- Soft Start Voltage Ramping
- Normal Rapid Response Time (Option)



*Use for reference purpose only, not a genuine Leroy Somer product.

Specifications

Sensing Input	Terminal 0-110V = 95 ~ 140V	Output Current	Max 10 A
	Terminal 0-220V = 170 ~ 260V	Response Time	0.3 ~ 1sec @ $\pm 20\%$ Voltage Vibration
	Terminal 0-380V = 340 ~ 520V	Current Droop	Max 4% @ P.F. = 0.8
	Frequency 50 / 60 Hz selectable	Voltage Regulation	$< \pm 0.5\%$ (with 4% engine governing)
Power Input	Voltage 40~150VAC Three Phase	External Voltage Adjustment	$\pm 10\%$ @ 1K Ω
Auxiliary Winding	6~150VAC (No load rms)	Voltage Build	Residual volts at AVR terminal $> 5VAC$
Voltage Output	Max 160VDC @120VAC	LAM Voltage Droop Rate	10% & 15% selectable

Environment

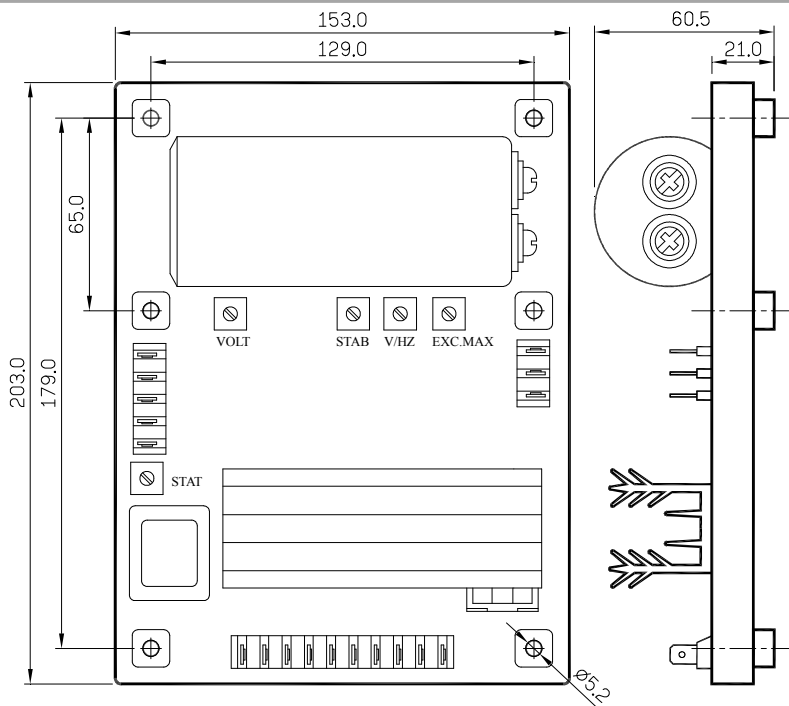
Vibration 1.5G @ 5 ~ 30 Hz 5.0G @ 30 ~ 500 Hz

Relative Humidity $< 95\%$

Operation Temperature $-40 \sim 60^\circ C$

Storage Temperature $-40 \sim 85^\circ C$

Mechanical Specifications



UNIT: mm

AVR Controls

VOLT	Voltage Adjustment
STAB	Stability Adjustment
V/HZ	UFRO Knee Point Set
EXC.MAX	Excitation Current Limit
STAT	Droop Adjustment

Physical Specifications

Dimensions	203.0 (L) x 153.0 (W) x 60.5 (H) mm
Weight	970 g $\pm 2\%$

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