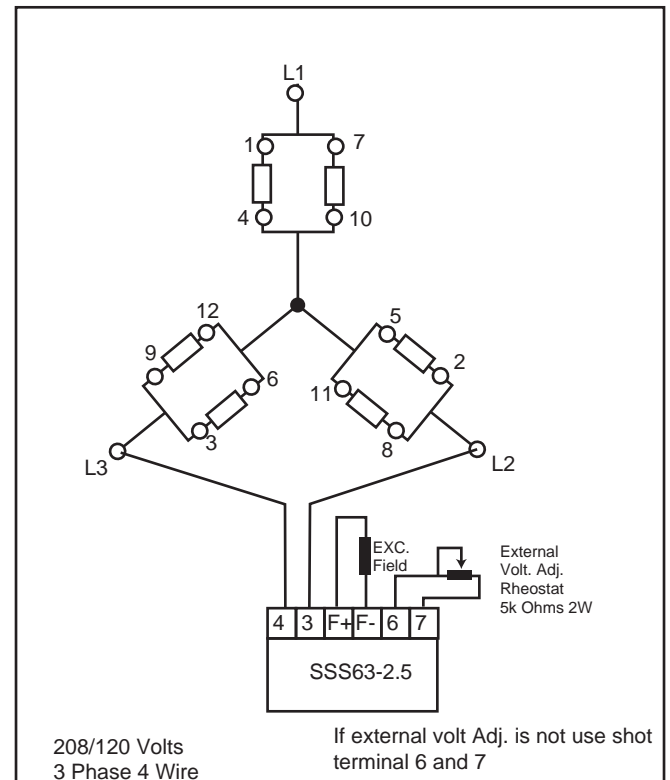
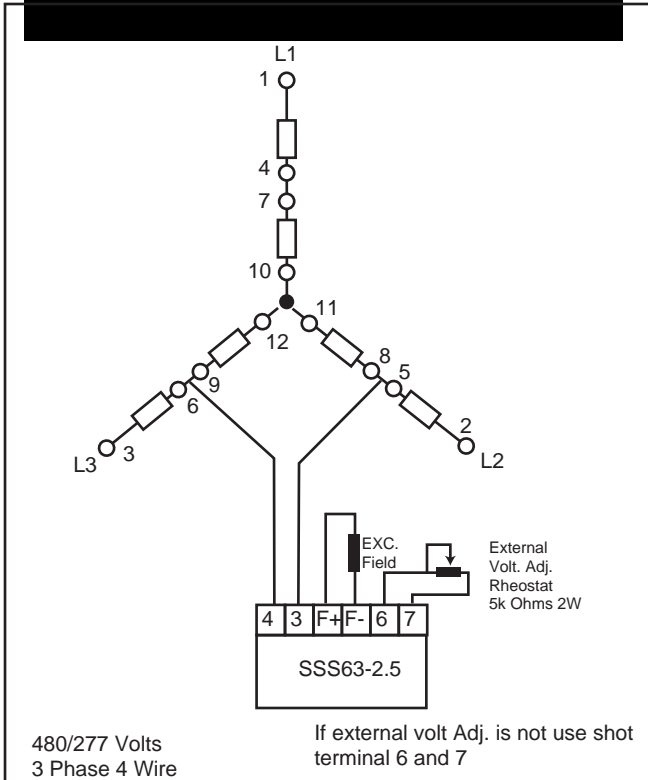


# INSTRUCTIONS SSS63-2.5 VOLTAGE REGULATORS

The SSS63-2.5 is a general purpose Voltage Regulator designed for smaller 50/60 Hz brushless generators. The regulator has under frequency compensation and automatic build-up circuitry, EMI filtering with remote Voltage Rheostat capability

## ELECTRICAL SPECIFICATIONS

2.5 Amps DC at 63 Volts DC continuous at 240VAC inout  
 Forcing 4 Amps for 60 seconds  
 Input voltage 190 to 277 Volts  
 Accuracy 1.0% Full load to no load  
 3.1 Amps Line Fuse is included  
 Field Resistance at 63 V is 25.2 Ohms & 45 V is 18 Ohms



## U/F Frequency Roll OFF Adjustment.

The Frequency Roll Off can be changed by the U/F rheostat on the voltage regulator. CW rotation raises Roll Off CCW Drop the Roll Off Frequency.

A 60 Hz generator normal as a Roll Off frequency is 57 Hz and a 50 Hz Generator normally Roll Off 47 Hz.

To adjust the Roll Off you simply set your generator governor manually for 55 to 57 Hz and Adjust the U/F rheostat until you see your generator slightly drop in voltage. Do the same for a 50 Hz generator but set the generator speed from 45 to 47 Hz,

## VOLTAGE ADJUSTMENT

Before starting the generator for the first time set the Voltage Adjustment rheostat to it max CCW position, start the engine and slowly move the rheostat CW until and set normal voltage.

