



## LINZ VOLTAGE REGULATOR HVR11

Reference: HVR11

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The regulator LINZ HVR-11 is equipped with a single-phase input with stability control which avoids the occurrence of fluctuations in the output voltage value.

The electronic regulator HVR-11 is built with electronic components of the latest generation, which allow to obtain in small dimensions and without compromise, all the functions required for the control of any type of alternator.

The LINZ HVR-11 regulator is calibrated during testing to have at the generator output a chained voltage of 400Vac / 50 Hz with a reference voltage of 115Vac / 50 Hz between terminals M5 and M6 of the regulator.

The low frequency operation protection is factory set to intervene by decreasing the generator output voltage when the frequency drops below 46Hz. Turning the regulator's Hz trimmer clockwise decreases the frequency value for which the protection is triggered.

The stability control integrated in the regulator acts on the dynamic response of the system avoiding the onset of fluctuations in the value of the output voltage.

The regulator is calibrated at the factory to provide optimum response for most applications.

#### Technical Features LINZ HVR-11 Regulator:

Supply voltage input:

a) 110 Vac  $\pm$ 15%

b) 220 Vac -25%/+15%

Max field current: 10 Adc

Permanent field current: 7 Adc

Single phase reference input: 90 Vac + 440 Vac

Stability control adjustment with multi-turn trimmer

Low frequency protection trip threshold adjustment with multi-turn trimmer.

Over-excitation protection trip threshold adjustment with multi-turn trimmer.

Remote potentiometer input.

Possibility of 50 Hz or 60 Hz operation.

Predisposition for parallel generator operation.

Looking for a voltage regulator with different features? [Here](#) you can find the full range of LINZ and other specialized brands.

Images and technical data are not binding.