



## AUTOMATIC VOLTAGE REGULATOR AVR 125

Reference: AVR 125

### AUTOMATIC VOLTAGE REGULATOR AVR 125

AVR 125 Automatic Voltage Regulator optimized for Brushless motors with nominal application voltages of 100 - 260 V for delta connection and 300 - 490 V for star connection.

This AVR 125 uses the most sophisticated technologies that electronics provides and allows the supply of excitors with nominal values up to 100 V. It can therefore be used on almost all existing alternators on the market.

AVR 125 ensures optimal operation of alternators at no-load, load and transient conditions, particularly at the start of asynchronous motors. It is also equipped with appropriate internal protections against prolonged overload and overvoltage, which could be dangerous for the alternator and the consumers.

All components of the AVR 125 are immersed in resin, to ensure precise and safe reliability over time, even in harsh environments and to prevent breakage caused by vibration, all enclosed in a rugged housing.

The AVR 125 is also equipped with insulated terminals, for electrical connection and an internal fuse holder complete with an extra fast fuse for protection against short circuits of the exciter stator.

#### TECHNICAL FEATURES AVR 125 AUTOMATIC VOLTAGE REGULATOR

Delta connection

Nominal voltage: 100÷260 V at 50/60 Hz

Star connection

Nominal tension: 300÷490 V at 50/60 Hz

Excitation:  $I_e=5$  A  $V_e < =100$  V

Overall length: 110 mm

Overall width: 58 mm

Overall height: 55 mm

Weight: 0.29 Kg

Are you looking for a Automatic regulator with different characteristics? [Here](#) you can find the full range of Automatic voltage regulators from specialist brands.

The image is for guidance only.

## Technical Sheet

Frequency (Hz)	50 / 60
Length (mm)	110
Width (mm)	58
Height (mm)	55
Type of regulator	Voltage
Delta connection rated voltage	100÷260 V @ 50/60 Hz
Star connection rated voltage	300÷490 V @ 50/60 Hz
Excitation	le uguale a 5 A I Ve minore o uguale a 100 V
Weight (Kg)	0.25