



## AUTOMATIC VOLTAGE REGULATOR AVR 130/25

Reference: AVR 130/25

### AUTOMATIC VOLTAGE REGULATOR AVR 130/25

The AVR 130/25 Automatic Voltage Regulator is designed for Brushless Alternators with nominal application voltages of 100 - 260 V for delta connection and 300 - 490 V for star connection.

The newly developed AVR 130/25 which allows optimal operation of new and old brushless alternators with exciter generator, even under the most critical operating conditions.

The AVR uses the most sophisticated technology available in electronics and enables the supply of exciters with nominal values of up to 100 V.

It can therefore be used on almost all existing alternators on the market. The AVR 130/25 Automatic voltage regulator enables optimal operation of alternators at no-load, load and transient conditions, particularly at the starting point of asynchronous motors. The Automatic Voltage Regulator also has adequate internal protections against prolonged overload and overvoltage, which could be dangerous for the alternator and the consumers.

All components of the AVR 130/25 are immersed in resin, to ensure precise and safe reliability over time, even in particular environments and to avoid breakage caused by vibration, all enclosed in a rugged housing. The regulator is also equipped with insulated terminals, for the electrical connection and an internal fuse holder complete with extra fast fuse for protection against short circuits of the exciter stator.

#### TECHNICAL FEATURES AUTOMATIC VOLTAGE REGULATOR AVR 130/25

Delta connection

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

Star connection

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

Excitation:  $I_e=25\text{ A}$   $V_e \leq 100\text{ V}$

Overall length: 137 mm

Overall width: 108 mm

Overall height: 55 mm

Weight: 0.83 Kg

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Images and technical data are not binding and may be subject to revisions by the supplier.

### Technical Sheet

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Length (mm)	137
Width (mm)	108
Height (mm)	55
Delta connection rated voltage	100÷260 V @ 50/60 Hz
Star connection rated voltage	300÷490 V @ 50/60 Hz
Excitation	le equal 25 A / Ve less than 100 V

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