



MECC ALTE S.R.7/2-G ELECTRONIC VOLTAGE REGULATOR

Reference: 4505005091

MECC ALTE S.R.7/2-G ELECTRONIC VOLTAGE REGULATOR

The Mecc Alte S.R.7/2-G voltage regulator is technologically advanced and extremely reliable with very compact dimensions and low costs.

The Mecc Alte S.R.7/2-G is an electronic device mounted on the alternators, which automatically adjusts the output voltage as the load varies. The electronic voltage regulator is mainly used to make the voltage stable and the current clean, thus avoiding sudden changes in voltage that can damage sensitive devices such as PCs, smartphones or connected appliances. The main and most common voltage regulators are the AVR and the inverter are modern, but in some alternators or generator sets there are also capacitor or compound regulators.

It includes low speed protections; and overload protection with adjustable tripping threshold, 50/60 Hz operation, adjustable droop and the possibility of overloading, to adjust the voltage remotely.

TECHNICAL FEATURES MECC ALTE S.R.7/2-G

Sensing input: 80~350 VAC single phase
Power input: voltage 50~270 VAC, frequency 50/60Hz
Magnetic field output: max. Input 63 VDC @ 220 VAC, continuous 6A
Regulation accuracy: $\pm 1\%$ (with 4% motor regulation)
Voltage buildup: residual voltage greater than 5 VAC 25Hz
External voltage regulation: 100 K ohm 1/2 watt $\pm 7\%$
Frequency protection: Adjustable range 42~60Hz
Over-excitation protection: 40~Max. VDC @ 0.3~20 sec.
EMI Suppression: Filtering internal electromagnetic interference
Excitation winding resistance: DC resistance 10 ~ 100 ohm
Operating temperature: -40~65 °C
Storage temperature: -40~80°C
Humidity: relative: maximum 95%
Vibration: 1.5G@5~30Hz/5.0G@30~500Hz"
VOLT: voltage regulation
STAB: stability regulation
HZ.: Under frequency setting
AMP.: Overexcitation setting
U/F: Under frequency protection
O/E: Overexcitation indication LED
Width: 97.0 mm
Length: 92.0 mm
Height: 39.0 mm

Are you looking for a regulator with different technical characteristics? [HERE](#) you can find the regulators from Mecc Alte or other specialized brands.

Non-binding images and technical data.

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Technical Sheet

| | |
|--------------------------------|---------|
| Frequency (Hz) | 50 / 60 |
| Temperature range for use (°C) | -20 +70 |
| Type of regulator | Voltage |
| Voltage regulator | AVR |
| Weight (Kg) | 1 |