

SPECIAL



DSE A109 Digital Automatic Voltage Regulator (AVR) with CAN J1939 Communications & PMG compatibility

R 6 736.00 Excl. VAT

While stocks last! These are net special prices, and no other discounts are due.

- The **A109** is designed to regulate the output voltage of an AC alternator. The AVR is supplied by either a 3 phase PMG, single phase PMG, stator auxiliary winding or a shunt system taking power from the output windings. The **A109** eliminates the complexities involved with analogue AVR designs. Analogue AVR designs can be over sensitive to changes in temperature which affects stability whereas the **A109** maintains a smooth, stable and regulated AC output voltage, regardless of the electrical load connected.
- 3-phase or single phase generator output sensing for better regulation.
- CAN communications port allows J1939 integration with 3rd party equipment.
- Soft start ramping. Under frequency roll off protection with optional instantaneous step. Loss of voltage sensing protection. Over excitation protection.
- Remote voltage adjustment using -10 V to 10 V signal and 5kΩ potentiometer.
- Remote voltage adjustment potentiometer open circuit protection.
- LED Indication for fault and operating status.
- Chassis mount potted enclosure. Spade terminals. DIP Switch selection.