

**New!**

**VARMECA**



## **Motor with electronic variable speed drive integrated into the terminal box**

**F**or many years, **LERROY-SOMER** has been the world specialist in the design and manufacture of electronically controlled drive systems.

**VARMECA** is a **LERROY-SOMER** technological innovation that has been available to industrial customers for 15 years, and today is adapted to the railway market.

The **VARMECA** power range, the widest on the market, extends from 0.25 to 11 kW, therefore covering up to 90% of requirements for on-board auxiliary motors, all applications being considered.

Through its robust design, it provides the user with all the advantages of electronic speed control without the drawbacks of a remote, complex and expensive installation:

- Variable speed drive integrated into the motor terminal box, sealed to IP65
- Aluminium housing for optimum cooling

- Construction with no water retention zone
- Electronics overmoulded in resin to withstand vibrations and temperatures better
- Paint system suited to harsh environments.

**VARMECA** has the benefit of the latest control technologies and **LEROY-SOMER**'s expertise in drive systems:

- Parameters can be set via LCD KEYPAD CONSOLE or PC with the **SOFTVMA** software
- Dedicated macros such as pump management with prevention of unpriming
- Communication systems to international standards (PROFIBUS, DEVICENET, CAN OPEN, etc.)
- Continuous monitoring of the entire operation with management of the starting and stopping phases and safety (overloads, locked rotor, speed control at high load)
- Automatic adaptation of the switching frequency according to the ambient temperature and the torque of the driven application.

The satisfaction of **VARMECA** users is an indication of the benefits of integrated variable speed: guaranteed performance in harsh environments, installation cost savings, ease of commissioning, user safety, and many more.