DDMP COM

- NO STOP TO THE SERVICE
- PREDICTIVE MAINTENANCE
- REMOTE SYSTEM MANAGEMENT AND CORRECT MOTOR OPERATION MANAGEMENT
- EASY OF INSTALLATION
- ENERGY EFFICIENCY OPTIMIZATION

A PARTNER FOR SMART SAVINGS

In modern industry, the monitoring of the electric motors is now essential to ensure reliability, safety and energy efficiency.
For this reason, the use of a digital diagnostics and motor protection device become an essential choice.
Motor failures and unplanned shutdowns (regardless the size) can lead to expensive costs that are difficult to predict, connected to the analysis of the reasons for the failure by a qualified technician as well as to the plant downtime.
The new Digital Diagnostic Motor Protection Com is the winning and reliable partner to protect and control the motor with open MODBUS communication.
Discover the reasons of the failure and operate promptly on the motor will no longer be a problem.
The DDMP COM, is not only a motor protector, but allow to detect instantly and to communicate the reasons of the failure through the display (included).
Communications can also be shared and managed by MODBUS.

NO SERVICE DOWN TIME

DDMP will prevent damage on the motor and will extend the motor life expectancy.
Motor Overload, damage to the windings, phase failure, abnormalities resistance of the connections, irregularities in the power supply network, will no longer be a problem.
Protection is guaranteed even if the control system and MODBUS do not work.

PREDICTIVE MAINTENANCE

By collecting and monitoring data, DDMP COM is the best solution for predictive maintenance of your system. This ensures that problems are identified before they escalate, minimising downtime and unplanned repairs and optimising maintenance management. This proactive approach increases economic efficiency by avoiding costly unplanned shutdowns and reducing maintenance costs and downtime.

REMOTE SYSTEM MANAGEMENT AND CORRECT MOTOR OPERATION ANALYSIS

In many cases, a current <30% Ie, could be an indication of mechanical problems in the connection from the motor to the load (e.g. drive belts). Thanks to its microprocessor, the DDMP COM will warn you in the event of system starting without load.
The DDMP COM not only provides protection and monitoring capabilities, but will be soon give the possibility to manage the contactor via MODBUS or start and stop the system from remote.

EASY INSTALLATION

The compact size and the pass-through CT allow it to be adapted to new or existing systems.
The quick and easy setup allows you to configure it easily.
The DDMP COM ensures protection, communication and control in a single device allowing the reduction of cables.
One frame for 3 models from 0.1 to 63A.
Available for current range up to 900A.
The device is supplied with an LCD display for setting, configuration and to read parameters without the need of additional accessories.

ENERGY EFFICIENCY OPTIMIZATION

By monitoring the motor parameters, it helps to identify wastes and to improve the efficiency of the plant. This means reduction in cost and enviromental impact.
The new DDMP COM allows to:
- detect overloads and inefficiencies
- adapt the operating parameters to reduce consumption
- comply with energy efficiency regulations

CONCLUSIONS

The use of the Ghisalba Digital Diagnostic Motor Protection is a strategic investment that improves safety, reduces maintenance costs, optimizes energy efficiency and facilitates integration with industrial control systems.
In a time where digitalization is a main topic, use this technology is a guarantee of more reliable and high-performance system.

OPTIONS

- DDMP remote: 4" panel with Ethernet for remote control
- DDMP multi remote: 7" panel for connections up to 10 DDMP for remote control
- DDMP starter: complete solution of DOL starter with DDMP COM

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