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MITO

AC/AC CHOPPER DRIVER FOR SINGLE PHASE ELECTRIC PUMPS

Mito is an electronic device that controls the starting and stopping of an electric pump, regulating its operation in response to the instantaneous supply conditions. It is designed for domestic applications, where supply demands are medium-short term and generally timed over the space of one day.

? Protection against dry operation of the pump in case of lack of water.

? Automatic reset following shutdown due to dry operation.

? Digital indication of pressure on the display.

? Signalling of the various operation/error conditions via light indicators and messages on the display.

? Alarm relay and signalling of anomalies.

? Digital input for float or connection to external control.

? Removable electric terminals to facilitate wiring.

The pump is initially started at maximum speed and is then progressively adjusted depending on the flow required. In this way, output pressure is supplied at a constant rate for greater comfort.

Pressure is regulated for a maximum time interval (settable in the parameter "Cool mode" from 5 to 30 minutes according to the type of pump), during which supply demand should expire. When this period elapses, if the demand for water supply persists, the pump motor is set to maximum speed to avoid overheating, caused by reduced ventilation. On closure of all supply points, pump shutdown and consequent cooling of the motor enables reset of the regulation time for the next pump start-up cycle, in relation to the pause time and operation time (one minute shutdown corresponds to one minute of regulation in the next cycle).

APPLICATIONS: Electronic flow and pressure devices, Variable speed drivers for constant pressure control, Dry running protection

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