

Phase Monitoring for Ventilators



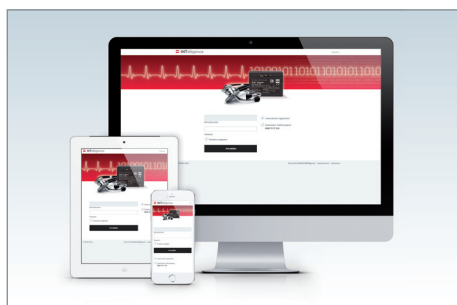
Ventilation systems depend on the power grid being stable and correctly connected. Incorrect connections can lead to a phase reversal, causing the fan to malfunction and lead to possible damage. In addition to the connection, the stability of the power grid also plays a role: a loss of power on one phase may allow the motor to continue running, but with excess temperatures in the remaining two phase windings causing potential for failure. Under- or over-voltage can also increase the heat in the motor windings causing premature aging and reducing the life of the system.



INT69 UY Diagnose

Product description

The INT69 UY Diagnose continuously monitors the 3-phase voltages for correct levels and phase sequence. If an under- or over voltage, unbalanced voltage, loss of any phase, or phase reversal happens, the voltage monitor switches the internal relay off. Once the voltage returns to an acceptable condition for a specific time period, the voltage monitor reactivates the relay.



KRIWAN Diagnose

KRIWAN Diagnose

The advanced KRIWAN Diagnose technology allows direct access to comprehensive system data.

The built-in LED signals the current status of the voltage monitor via a flashing code.

Accurate, reliable measurements and analysis make it possible to quickly identify faults and their causes.

Benefits

- Compact design
- Three-phase measurement input
- Monitoring for phase asymmetry, failure and sequence
- Monitoring for over and under voltage
- Error memory
- Diagnostics interface
- LED as status display
- Easy installation

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