

Phase Monitoring for Control Cabinets



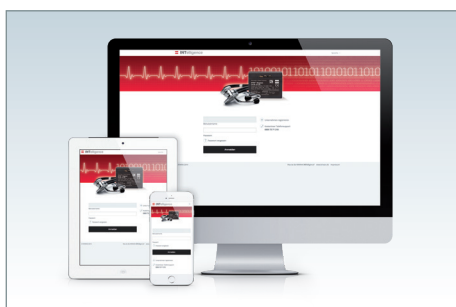
Control cabinets are used in many applications: building automation, factory automation, machine control and systems operation for example. Various components are installed in control cabinets, which react in different ways to undervoltage and overvoltage, phase asymmetry or a phase loss. While some components can continue to work under these conditions, many cannot and can either fail or cause errors in other parts of the system. Phase monitoring helps protect all componentry and, if necessary, carry out a reset in the control cabinet.



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

In addition to these functions, the INT69 UY Diagnose voltage monitor has a diagnostic interface, through which data can be read from the device. Voltage dips or overvoltages in the electrical network are almost always short, temporary events, and are difficult to identify the cause of the errors. The KRIWAN voltage monitor's data can be accessed with a smartphone or through a Modbus connection.


Benefits

- Compact measured value recording
- Three-phase measurement input
- Monitoring for phase asymmetry, failure and sequence
- Mains voltage monitoring (over and under)
- Additional input for PTC temperature monitoring
- Error memory
- Diagnostics interface
- LED as status display
- Integrated monitoring of the supply voltage
- Easy installation

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