

Knürr RMS Compact II®

The Security System For Network And Server Racks



Knürr RMS Compact II®

Damage Prevention With Checks And Controls

System and network management requirements mean the systems' ambient conditions must be monitored. Reliability and system availability are indispensable.

Compliance with the required ambient parameters is extremely important for the fault-free operation of high-grade components.

Inadmissible fluctuations in temperature or air humidity often cause hardware defects. Constant automatic monitoring of these parameters is therefore a basic requirement for ensuring properly functioning operability.

With the rack monitoring systems offered by Knürr, this information

can be recorded and forwarded directly to a higher-level management system.

This recording is not, however, sufficient to ward off damages. For short response times when faults occur, it is helpful if the monitoring system can perform actions automatically (e.g. activate additional fans).

When defined incidents occur, Knürr RMS Compact II® can immediately send a message as an "SNMP trap" to the management system or directly as an e-mail to a technician or an SMS gateway.

Rapid error finding and removal is valuable! The ability to connect additional sensors to monitoring systems not only allows racks to be monitored – so too can complete rooms or building sections. All important environmental parameters of a system can consequently be recorded and evaluated in an easy and straightforward way.



The advantages of Knürr's modern rack monitoring system:

- Guarantees fault-free operation
- Detects disturbances early
- Logs incidents
- Makes service assignments easier with automatic monitoring
- Activates countermeasures in the event of a fault
- Central control of consumables (filters, paper, toner, meter readings, inspection intervals, etc.)
- Connection of up to 12 sensors in any arrangement



fan speed sensor

- the RMS automatically recognizes this sensor as an analog sensor
- offset and alarm parameters can be set in RMS
- the sensor does not have to be recalibrated
- no additional power supply required



temperature sensor ECO

- insensitive to disturbances
- no additional power supply required
- the sensor does not have to be recalibrated



humidity sensor

- insensitive to disturbances
- no additional power supply required
- the sensor does not have to be recalibrated



smoke detectors

- optical smoke detector with VdS approval
- for early fire detection with smoke emission
- power supply provided via RMS Compact II®



door contact sensor

- magnet bridge sensor, works on every magnetic conductive material
- can also be used for monitoring side panels and roof

Emerson Network Power is a consistent global technology leader and recognised expert that helps to secure business-critical processes, and by doing so contributes to a “business-critical continuity”.

A series of the most diverse applications, including the tried, tested and proven Knürr rack system solutions and the thermal management connected with them, ensure the required network stability with the highest technological adaptability at the same time.

Knürr system solutions in the world of information and network technology are part of an adaptive Emerson Network Power architecture, which flexibly adjusts to all changes concerning security/safety, high-density and all associated capacities. Companies profit in a sustainable and long-term way from the high IT availability, operative flexibility and impressive reduction in investment and operating costs.

Knürr AG is recognised around the world as one of the leading developers, manufacturers and distributors of rack and enclosure platforms in the indoor and outdoor area, including all relevant active/passive components of 19” structures and the technologies connected with them.

Knürr is certified in accordance with EN ISO 9001 and the EN ISO 14001 standard. Knürr’s quality management continuously guarantees the highest level of quality in all areas of the company.

Emerson Network Power

The global leader in enabling business-critical continuity

- AC Power Systems
- Connectivity
- DC Power Systems
- Embedded Power
- Integrated Cabinet Solutions
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Services
- Site Monitoring
- Surge & Signal Protection
- Rack & Enclosure Systems

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