

# Product Information

Integrated  
temperature  
monitoring!

**LANCIER**  
Monitoring

## ContactAlarm2 LTE/UMS

### battery-operated and LTE based contact monitoring device

The **ContactAlarm2 LTE/UMS** by LANCIER Monitoring is a compact, **battery-operated** contact monitoring device. It is easy to install and easy to operate. **On-site power and network connections are not required.** Alarms are sent via **LTE or GSM networks.**

The **ContactAlarm2 LTE/UMS** measures and monitors up to six dry contacts at a time (4 remote and 2 near contacts, e.g. floating switches, door contacts etc.) and the ambient temperature.

It surveys all connected contacts about their condition (open/closed) in defined time intervals. The contact conditions are indicated by LED.



If a contact changes its condition or temperatures\* are beyond thresholds the **ContactAlarm2 LTE/UMS** sends an alarm message to the UMS server via mobile data connection. A weekly status message is always sent, which reports the condition of the equipment. There will be no remote contact surveillance between the measurement cycles.

Contact configuration can be carried out on-site on a laptop via the USB 2.0 port.

All settings are stored securely in the internal EEPROM memory.

\*) Higher ambient temperature readings indicate a leak in district heating pipes due to leaking water vapor.

## Technical Data

Supply voltage	Exchangeable lithium battery, 3.6 V
Battery lifetime	> 5 years (at daily measurement and weekly status message)
Number of contact inputs	6 (4 remote contacts and 2 near contacts)
Contacts <b>remote</b> contact	number: 4 distance: up to 3,000 m monitoring: periodic
<b>near</b> contact	2 up to 10 m permanent
Measuring range temperature	-20 °C .. +140 °C
Display	1 x red/green signal LED per contact 6 communication status LEDs
On-site operation	1 button for real-time measurement with display and message test transmission
Interfaces	1 USB 2.0, temporary, for configuration, threshold adjustment and measurement reading
Operating temperature	-20 °C .. +50 °C
Admissible humidity	0 .. 100 %
Degree of protection by enclosure	IP 66
Field of application	Indoor and sheltered installation according to DIN VDE 0100 part 737 residential and business area as well as small enterprises
Dimensions (w x h x d)	180 x 180 x 100 mm

## Ordering Data

### ContactAlarm2 LTE/UMS

battery-operated 6 channel contact monitoring device with LTE/GSM based alarming, display and 6 contact inputs

Order-no. 076014.000

### Spare part

Lithium-Battery 3.6 V with bracket and connection cable

Order-no. 075969.000

# Product Information

## ContactAlarm2 LTE/UMS battery-operated and LTE based contact monitoring device

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### System diagramme

