LANSEN

WIRELESS BUILDING TECHNOLOGY

DEVICE

This device from Lansen can be used for monitoring dry contacts, such as relays to a motor or reed switches to a valve, and alerts as soon as the dry contact switches status.

Much care have been taken to design a sleek, good looking device with high security and performance. The design allows for discrete integration.

PERFORMANCE

The device continuously monitors up to two dry contacts and alerts as soon as one of the inputs changes status. The device also monitors the battery level and issues a low level warning when battery is nearing depletion.

The device can be ordered fitted with tamper detection which allows the device to detect if it is opened or removed from a wall.

MEASUREMENTS

The device can monitor up to two dry contacts and continuously checks the status of the dry contacts. A packet is sent periodically using the Wireless MBUS protocol and also when one dry contact changes status. This makes the sensor ideal for monitoring things such as motors or valves.

The data from the device is by default protected using the AES128 encryption compliant with OMS standard.

FIRMWARE

MODES	Configurable on order C-, T- or S-mode.
INTERVAL	Configurable on order 60s - 1 hour.
ENCRYPTION	AES128 encryption, OMS mode 5, Profile A.
	Configurable on order ON/OFF and KEY
STANDARD	T1-Mode, 90 seconds interval, encryption ON.

WARNINGS

TAMPER DETECTION	Product opened or removed from a wall (optional)
BATTERY	Low battery

POWER/LIFETIME

POWER SUPPLY	3.6V Li-SOCl2, AA battery
VOLTAGE	2.4 to 3.6V
LIFESPAN	14 years expected*, depending on configuration, operating temperature and number of dry conctact changes.
RADIO	14 dBM output power to antenna

GENERAL INFORMATION

STANDARDS	2014/53/EU (RED)
	EN 13757-3/4:2013, OMS 4.0.2
TEMPERATURE	Max: -30^0 to + 85^0. Recomended +5^0 to +50^0
RELATIVE HUMIDITY.	None condensing
COLOR	White
SIZE (W x H x D)	25.5 x 105 x 22 mm
MATERIAL	ABS

DEVICES

LAN-WMBUS-G2-DC-NO	Dry contact (normally open)
LAN-WMBUS-G2-DC-NC	Dry contact (normally closed)

*The expected battery lifetime stated is based on simulations and true measurements at 25 gr C, and is valid to the best of our ability but not a guarantee. The calculations and measurements can be sent upon request for your reference.

Specifications in this document are subject to change without notice

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